

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072199.D
 Acq On : 26 Apr 2022 15:13
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 26 16:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	274406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	477301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	428901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	142785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	21109	6.374	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	12.740%	#	
35) Dibromofluoromethane	8.022	113	14516	5.119	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.240%	#	
50) Toluene-d8	10.439	98	54978	4.754	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.500%	#	
62) 4-Bromofluorobenzene	12.722	95	17326	4.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.220%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	19729	8.626	ug/l	98
3) Chloromethane	2.299	50	23142	8.053	ug/l	95
4) Vinyl Chloride	2.440	62	17138	5.761	ug/l	97
5) Bromomethane	2.828	94	10471	5.629	ug/l	87
6) Chloroethane	3.005	64	12019	5.632	ug/l	96
7) Trichlorofluoromethane	3.369	101	28115	7.018	ug/l	95
8) Diethyl Ether	3.834	74	10090	6.044	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.210	101	14895	6.177	ug/l	95
10) Methyl Iodide	4.422	142	17836	5.416	ug/l	91
11) Tert butyl alcohol	5.363	59	17832	33.518	ug/l	# 94
12) 1,1-Dichloroethene	4.187	96	13842	6.039	ug/l	93
13) Acrolein	4.040	56	18729	30.399	ug/l	95
14) Allyl chloride	4.834	41	27777	7.113	ug/l	# 90
15) Acrylonitrile	5.551	53	53323	34.285	ug/l	98
16) Acetone	4.287	43	44680	31.844	ug/l	96
17) Carbon Disulfide	4.534	76	38762	7.282	ug/l	97
18) Methyl Acetate	4.857	43	28400	6.642	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	50044	5.805	ug/l	97
20) Methylene Chloride	5.093	84	18170	6.327	ug/l	# 92
21) trans-1,2-Dichloroethene	5.593	96	15541	6.181	ug/l	96
22) Diisopropyl ether	6.493	45	56789	6.785	ug/l	95
23) Vinyl Acetate	6.428	43	231625	34.537	ug/l	# 93
24) 1,1-Dichloroethane	6.387	63	32352	6.658	ug/l	99
25) 2-Butanone	7.334	43	69376	33.778	ug/l	94
26) 2,2-Dichloropropane	7.322	77	24846	6.053	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	17961	5.852	ug/l	91
28) Bromochloromethane	7.651	49	13646	6.614	ug/l	# 81
29) Tetrahydrofuran	7.681	42	47974	36.040	ug/l	88
30) Chloroform	7.810	83	31057	6.140	ug/l	92
31) Cyclohexane	8.092	56	34281	7.736	ug/l	# 84
32) 1,1,1-Trichloroethane	8.010	97	26415	6.067	ug/l	94
36) 1,1-Dichloropropene	8.222	75	22132	5.579	ug/l	96
37) Ethyl Acetate	7.410	43	27972	6.277	ug/l	99
38) Carbon Tetrachloride	8.204	117	23720	6.071	ug/l	92
39) Methylcyclohexane	9.457	83	24791	5.314	ug/l	89
40) Benzene	8.457	78	72271	5.796	ug/l	95

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	15630	6.999	ug/l #	82
42) 1,2-Dichloroethane	8.528	62	27533	6.268	ug/l	99
43) Isopropyl Acetate	8.557	43	45347	6.121	ug/l #	93
44) Trichloroethene	9.210	130	15803	5.037	ug/l	79
45) 1,2-Dichloropropane	9.486	63	18730	5.934	ug/l	98
46) Dibromomethane	9.569	93	12497	5.910	ug/l	88
47) Bromodichloromethane	9.757	83	23904	5.690	ug/l #	97
48) Methyl methacrylate	9.557	41	16993	5.447	ug/l	96
49) 1,4-Dioxane	9.563	88	6885	90.631	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	136476	31.712	ug/l	93
52) Toluene	10.504	92	41619	5.304	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	24204	5.516	ug/l	93
54) cis-1,3-Dichloropropene	10.181	75	25701	5.321	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	17679	5.483	ug/l	95
56) Ethyl methacrylate	10.757	69	23123	4.953	ug/l #	83
57) 1,3-Dichloropropane	11.039	76	30761	5.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	24563	22.735	ug/l	94
59) 2-Hexanone	11.081	43	93162	30.713	ug/l	91
60) Dibromochloromethane	11.233	129	17481	5.541	ug/l	93
61) 1,2-Dibromoethane	11.345	107	16858	5.321	ug/l	98
64) Tetrachloroethene	10.975	164	13350	4.824	ug/l	92
65) Chlorobenzene	11.763	112	42719	5.024	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	16639	5.378	ug/l	99
67) Ethyl Benzene	11.839	91	75286	5.183	ug/l	97
68) m/p-Xylenes	11.951	106	55055	9.941	ug/l	99
69) o-Xylene	12.280	106	25973	4.723	ug/l	91
70) Styrene	12.292	104	39026	4.685	ug/l	96
71) Bromoform	12.451	173	11803	5.081	ug/l #	100
73) Isopropylbenzene	12.575	105	64351	5.330	ug/l	96
74) N-amyl acetate	12.386	43	23112	6.430	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.822	83	25239	6.212	ug/l	96
76) 1,2,3-Trichloropropane	12.875	75	24215m	7.114	ug/l	
77) Bromobenzene	12.863	156	15342	5.158	ug/l	83
78) n-propylbenzene	12.916	91	69645	5.456	ug/l	96
79) 2-Chlorotoluene	13.004	91	47473	5.781	ug/l	91
80) 1,3,5-Trimethylbenzene	13.057	105	53305	5.532	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	6011	5.547	ug/l	86
82) 4-Chlorotoluene	13.098	91	42926	5.637	ug/l	97
83) tert-Butylbenzene	13.316	119	47738	5.468	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	52208	5.544	ug/l	93
85) sec-Butylbenzene	13.498	105	60288	5.319	ug/l	97
86) p-Isopropyltoluene	13.610	119	44943	4.983	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	24054	5.056	ug/l	96
88) 1,4-Dichlorobenzene	13.686	146	23265	5.014	ug/l	89
89) n-Butylbenzene	13.933	91	32454	4.812	ug/l	95
90) Hexachloroethane	14.204	117	10345	6.218	ug/l	86
91) 1,2-Dichlorobenzene	13.980	146	23002	4.914	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.592	75	4334	6.679	ug/l	71
93) 1,2,4-Trichlorobenzene	15.263	180	7245	3.985	ug/l	96
94) Hexachlorobutadiene	15.363	225	6708	4.953	ug/l	97
95) Naphthalene	15.498	128	18362	4.005	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	7248	4.281	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Apr 26 16:51:57 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

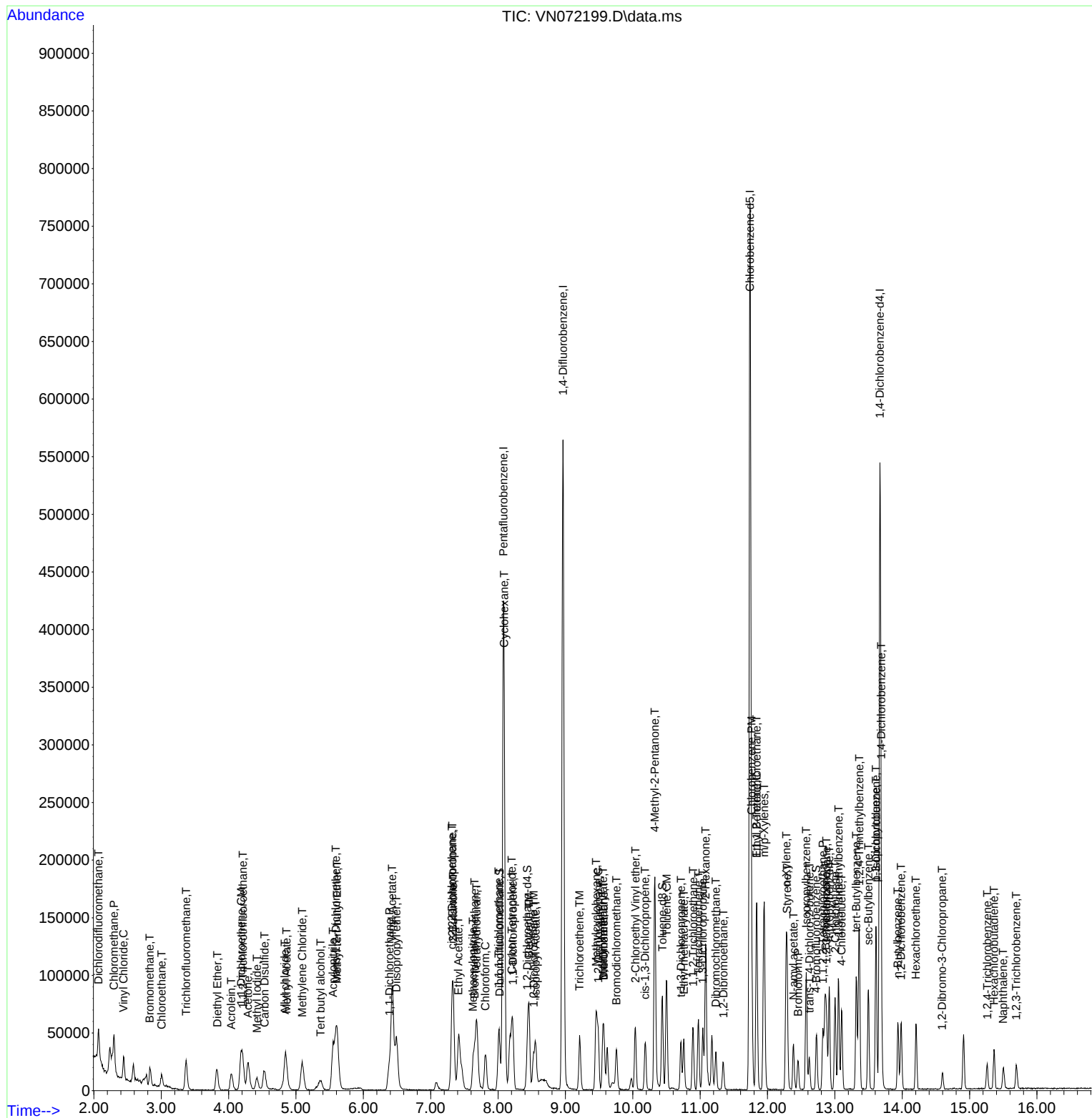
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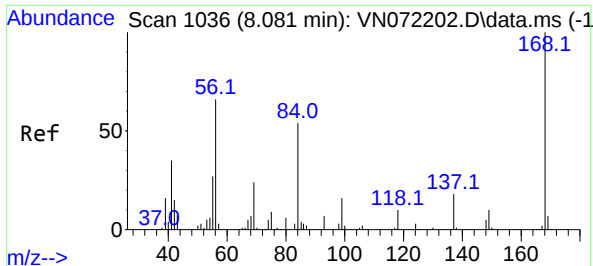
Instrument :
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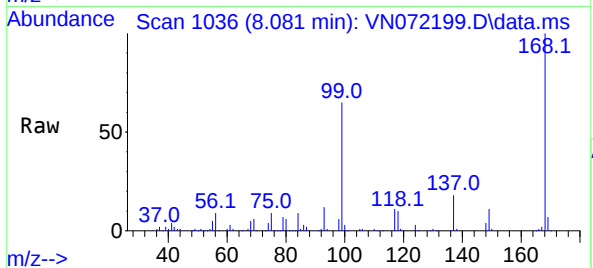
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

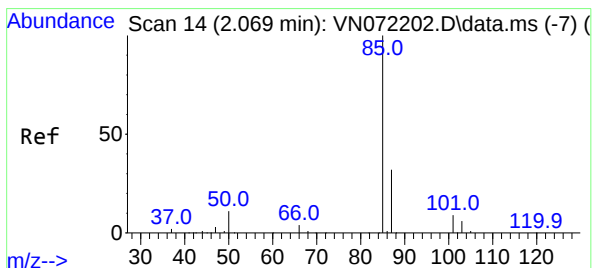
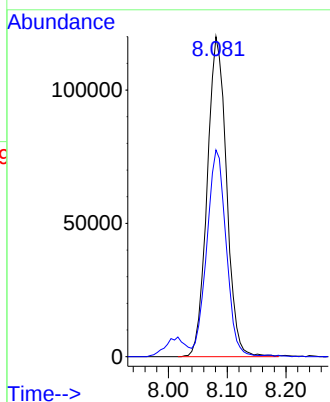
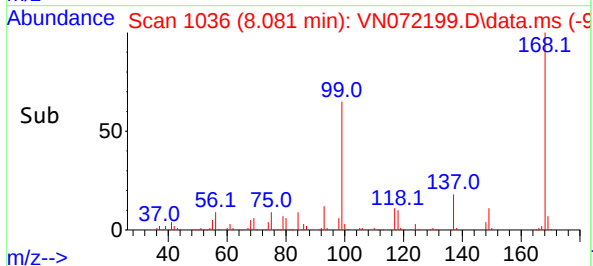
Instrument :
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ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 274400
Ion Ratio Lower Upper
168 100
99 64.1 42.3 63.5

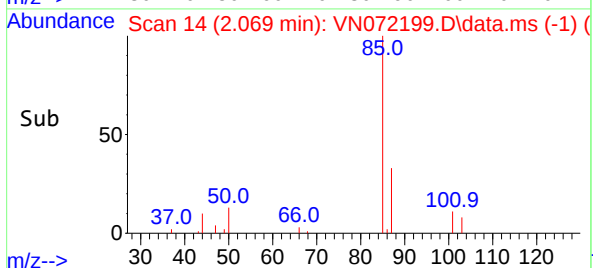
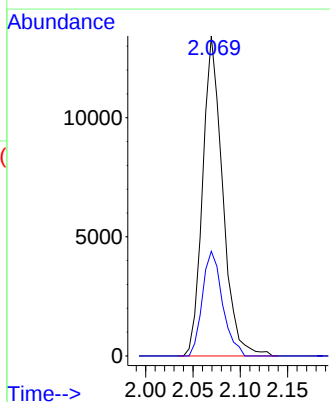
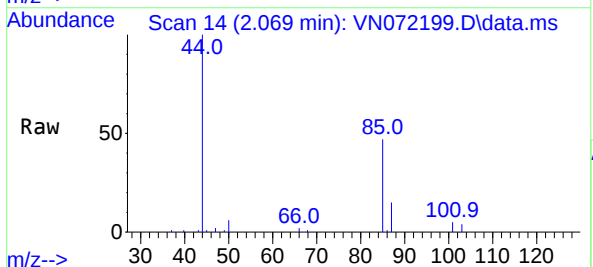
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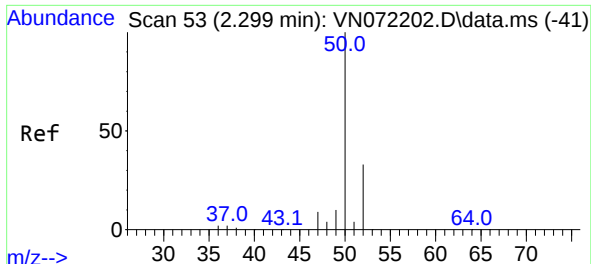
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#2
Dichlorodifluoromethane
Concen: 8.626 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

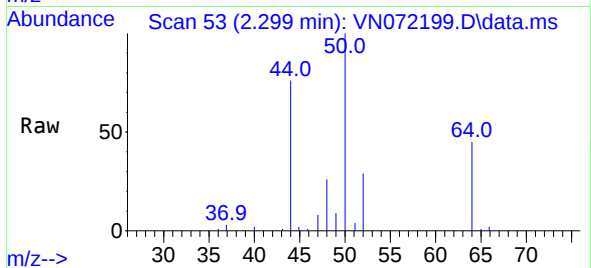
Tgt Ion: 85 Resp: 19729
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 8.053 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

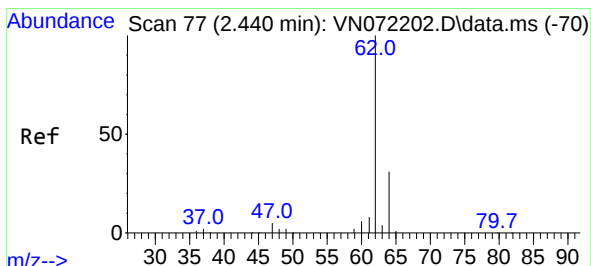
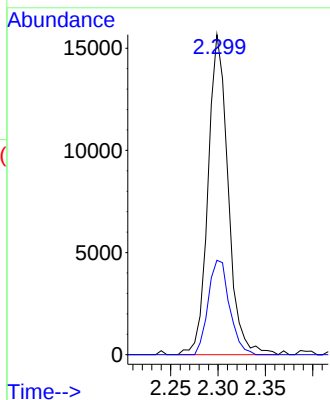
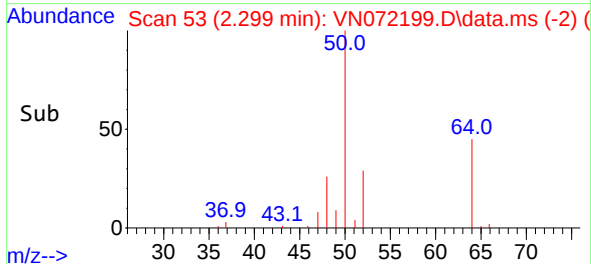
Instrument :
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ClientSampleId :
VSTDICC005



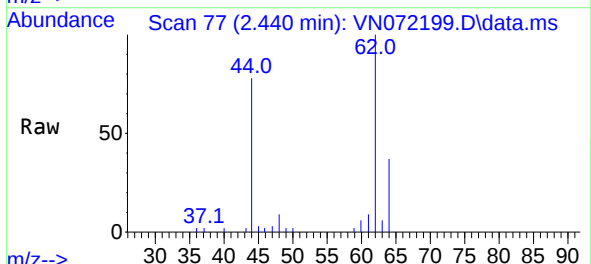
Tgt Ion: 50 Resp: 2314
Ion Ratio Lower Upper
50 100
52 29.5 25.7 38.5

Manual Integrations
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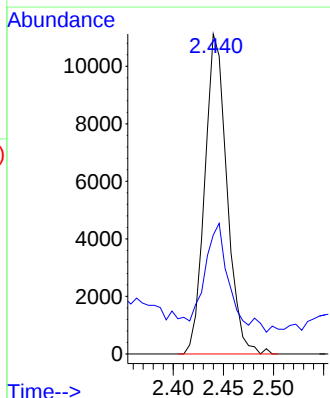
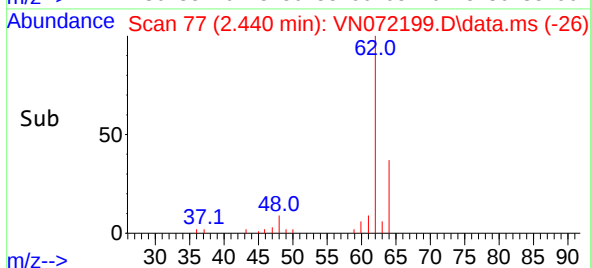
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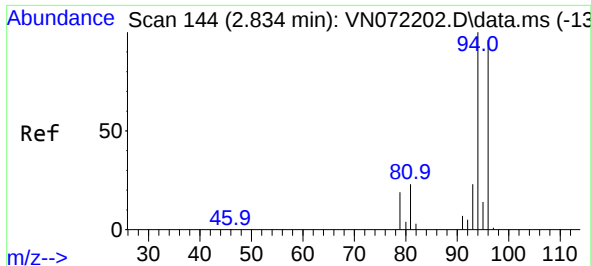


#4
Vinyl Chloride
Concen: 5.761 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



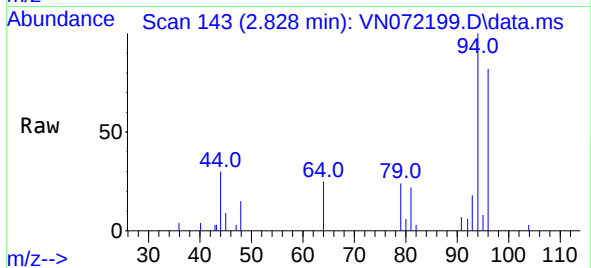
Tgt Ion: 62 Resp: 17138
Ion Ratio Lower Upper
62 100
64 29.4 25.0 37.4





#5
Bromomethane
Concen: 5.629 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

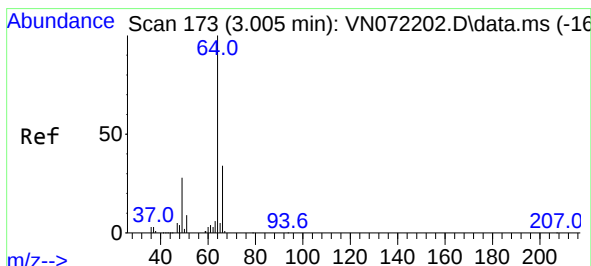
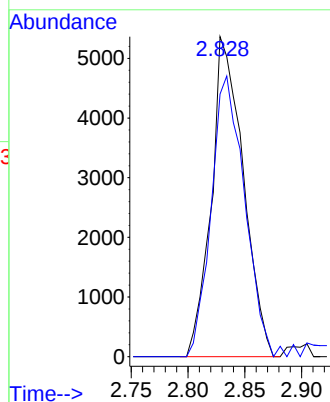
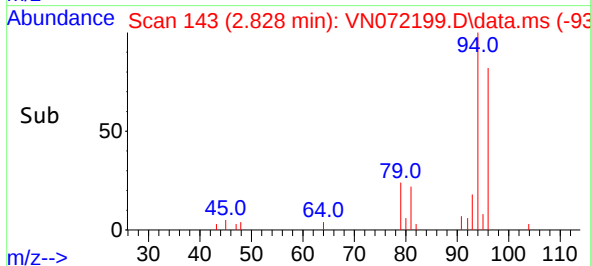
Instrument :
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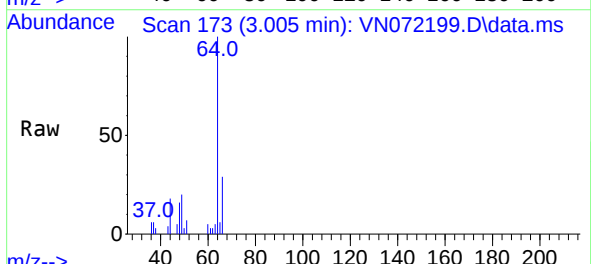
Tgt Ion: 94 Resp: 1047
Ion Ratio Lower Upper
94 100
96 82.0 76.0 114.0

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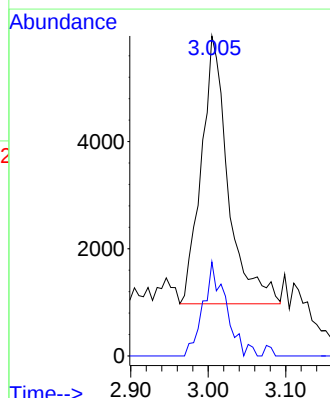
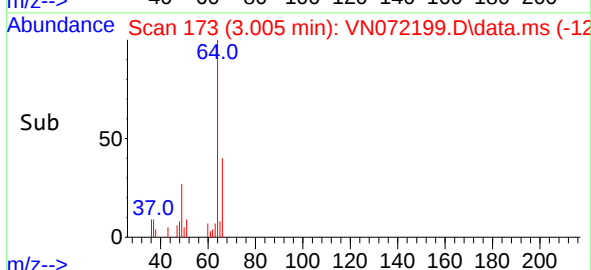
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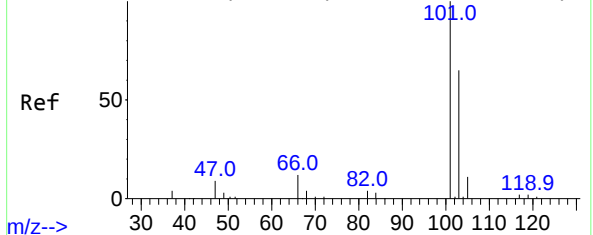
#6
Chloroethane
Concen: 5.632 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 64 Resp: 12019
Ion Ratio Lower Upper
64 100
66 35.1 26.2 39.4



Abundance Scan 235 (3.369 min): VN072202.D\data.ms (-22



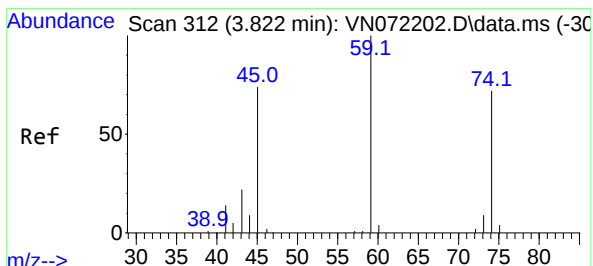
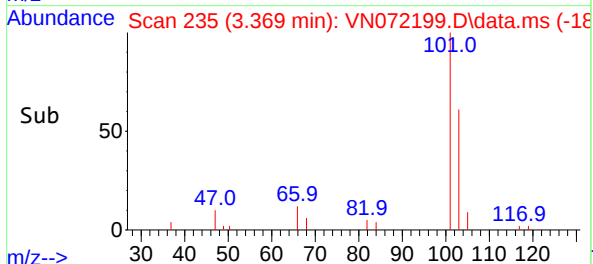
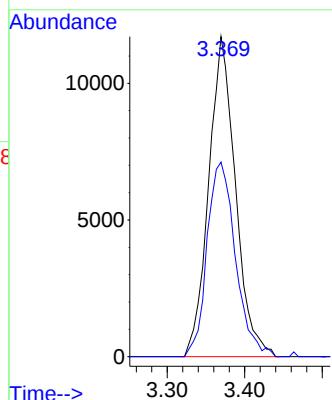
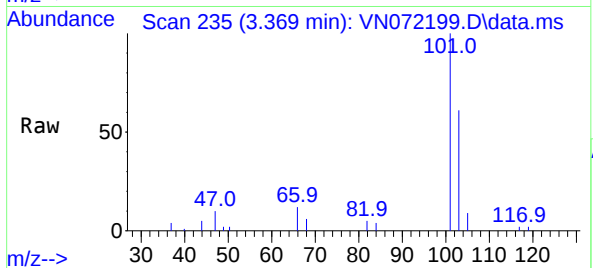
#7
Trichlorofluoromethane
Concen: 7.018 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2811
Ion Ratio Lower Upper
101 100
103 60.8 51.5 77.3

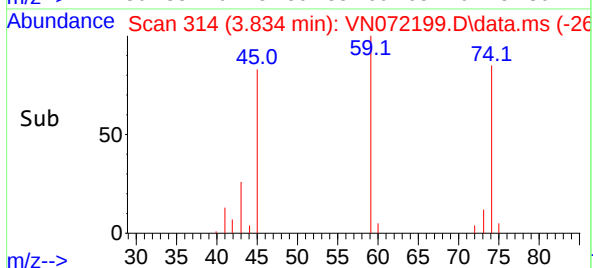
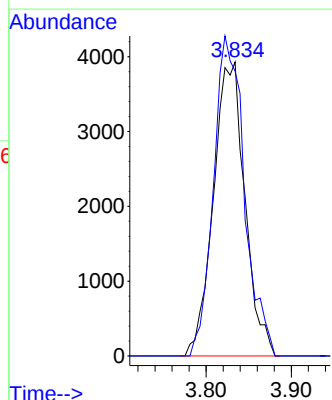
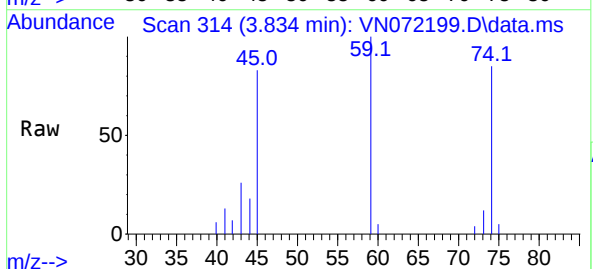
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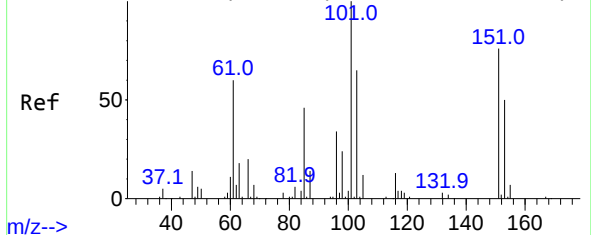


#8
Diethyl Ether
Concen: 6.044 ug/l
RT: 3.834 min Scan# 314
Delta R.T. 0.012 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion: 74 Resp: 10090
Ion Ratio Lower Upper
74 100
45 106.4 42.9 128.5

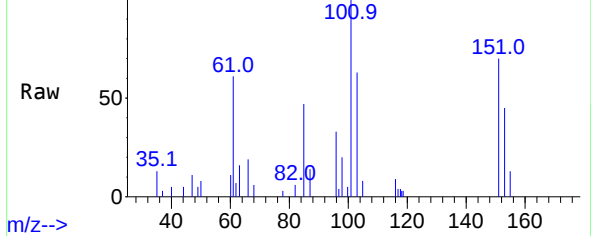


Abundance Scan 378 (4.210 min): VN072202.D\data.ms (-36



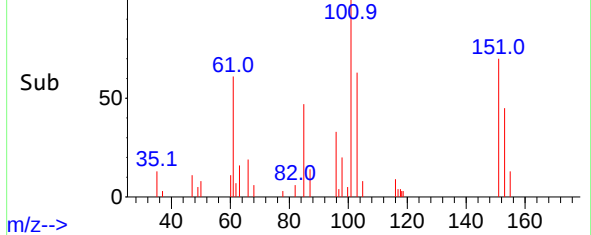
m/z-->

Abundance Scan 378 (4.210 min): VN072199.D\data.ms



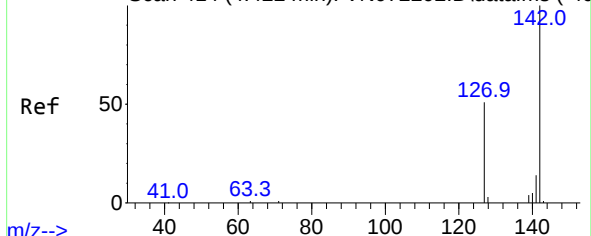
m/z-->

Abundance Scan 378 (4.210 min): VN072199.D\data.ms (-32



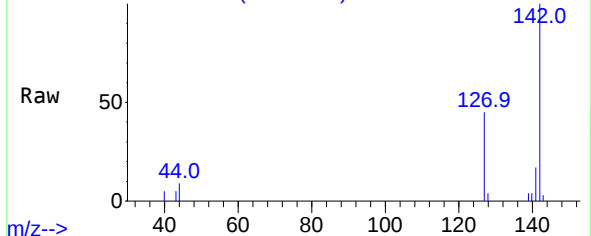
m/z-->

Abundance Scan 414 (4.422 min): VN072202.D\data.ms (-40



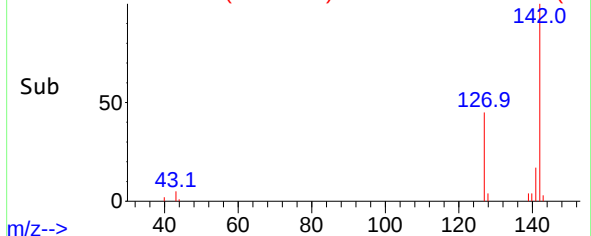
m/z-->

Abundance Scan 414 (4.422 min): VN072199.D\data.ms



m/z-->

Abundance Scan 414 (4.422 min): VN072199.D\data.ms (-36



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.177 ug/l

RT: 4.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Tgt Ion:101 Resp: 1489

Ion Ratio Lower Upper

101 100

85 48.9 34.7 52.1

151 76.3 63.0 94.4

Instrument :

MSVOA_N

ClientSampleId :

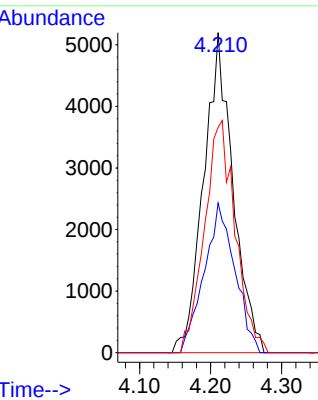
VSTDIC005

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#10

Methyl Iodide

Concen: 5.416 ug/l

RT: 4.422 min Scan# 414

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

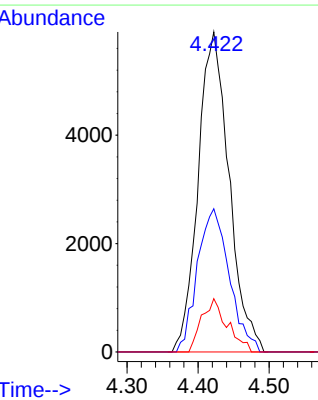
Tgt Ion:142 Resp: 17836

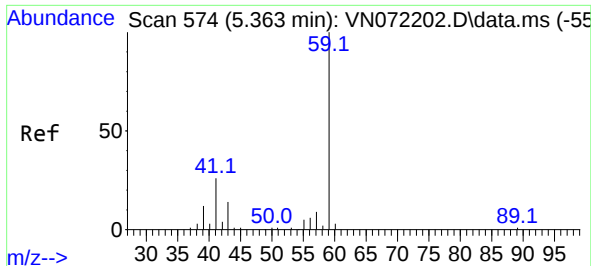
Ion Ratio Lower Upper

142 100

127 46.3 31.3 46.9

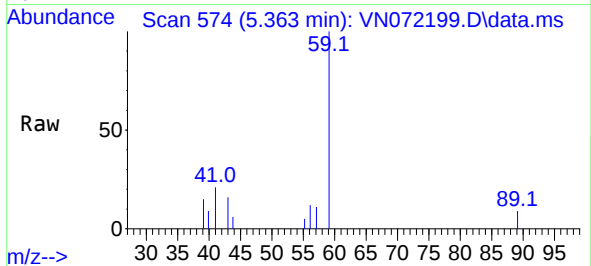
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 33.518 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

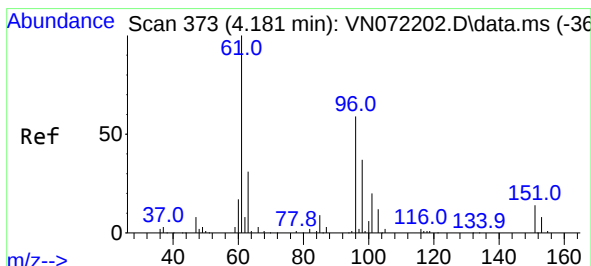
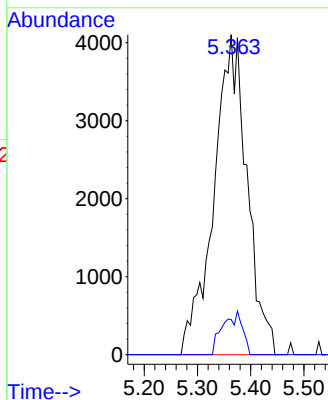
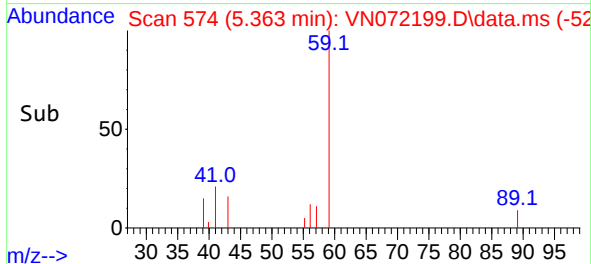
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



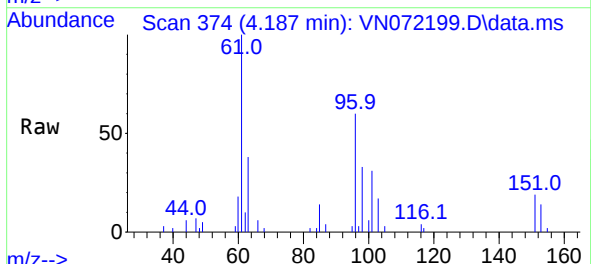
Tgt Ion: 59 Resp: 1783
Ion Ratio Lower Upper
59 100
57 8.0 8.3 12.5

Manual Integrations
APPROVED

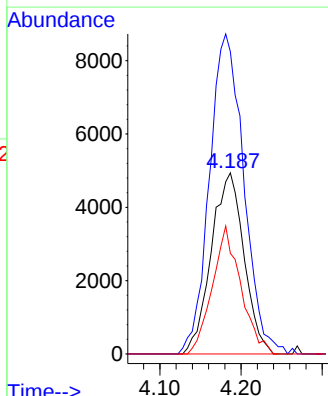
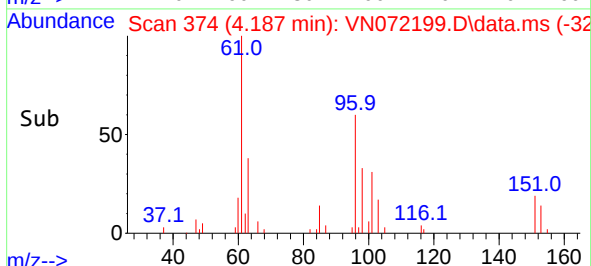
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

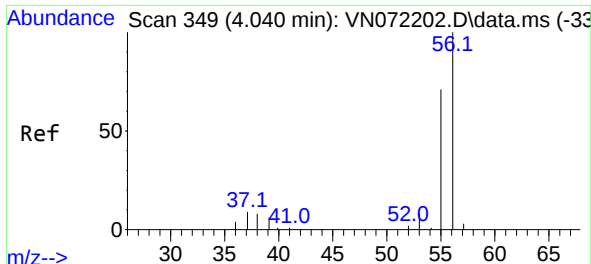


#12
1,1-Dichloroethene
Concen: 6.039 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



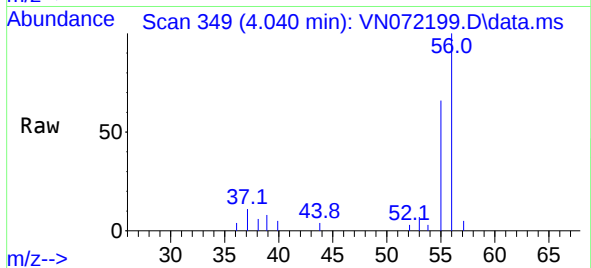
Tgt Ion: 96 Resp: 13842
Ion Ratio Lower Upper
96 100
61 166.8 127.6 191.4
98 55.5 51.2 76.8





#13
Acrolein
Concen: 30.399 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

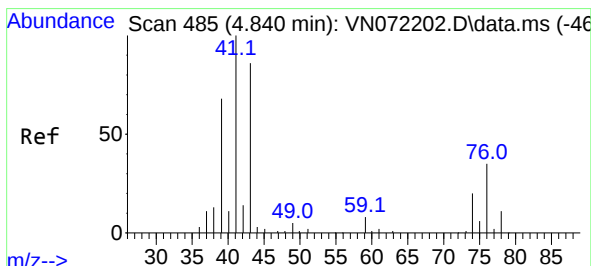
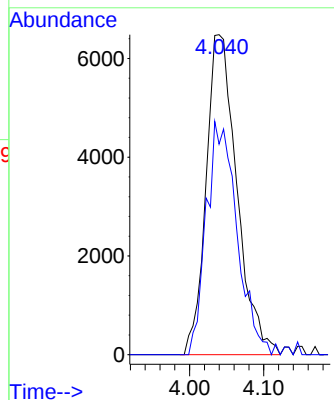
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 18729
Ion Ratio Lower Upper
56 100
55 72.4 54.8 82.2

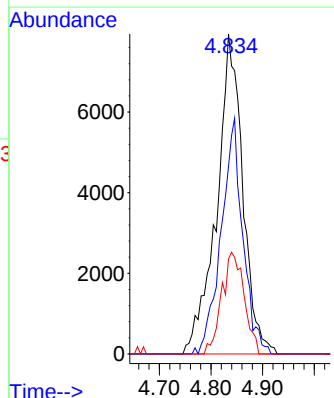
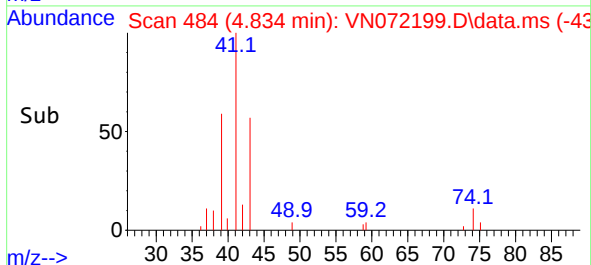
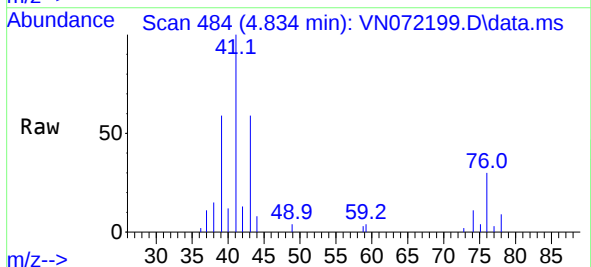
Manual Integrations
APPROVED

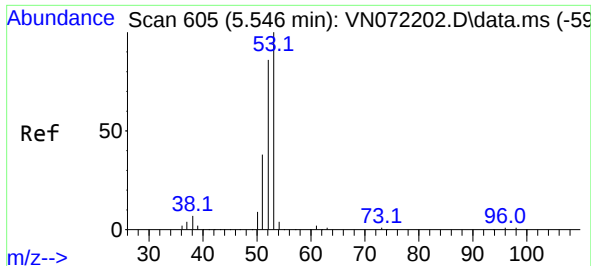
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#14
Allyl chloride
Concen: 7.113 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

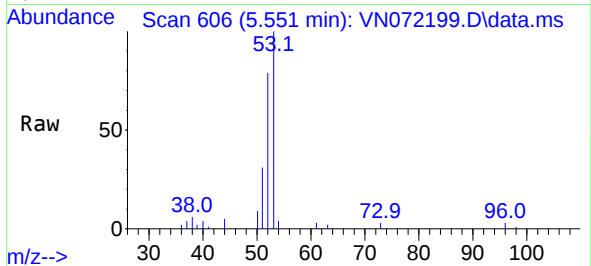
Tgt Ion: 41 Resp: 27777
Ion Ratio Lower Upper
41 100
39 61.2 53.2 79.8
76 27.4 29.9 44.9





#15
Acrylonitrile
Concen: 34.285 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

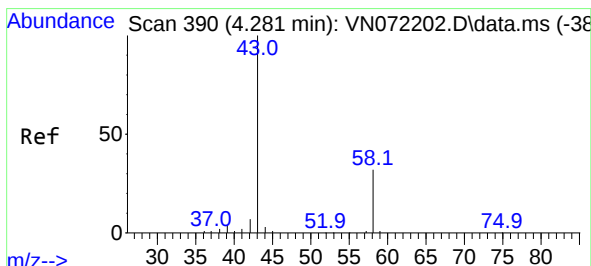
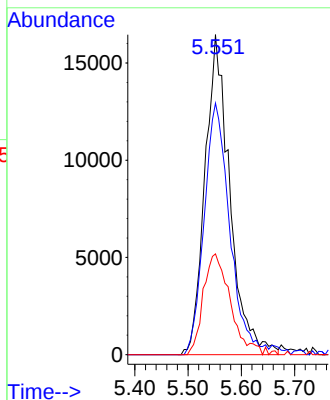
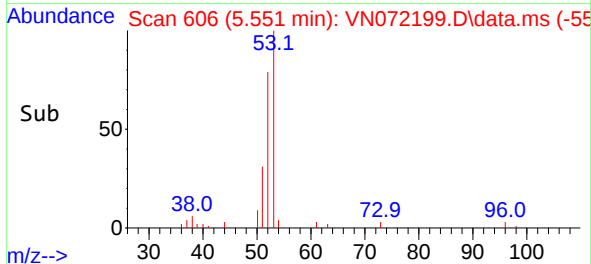
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



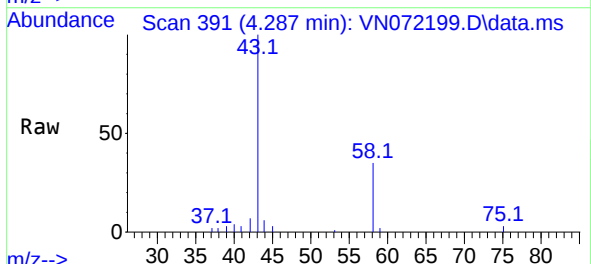
Tgt Ion: 53 Resp: 5332
Ion Ratio Lower Upper
53 100
52 80.8 66.4 99.6
51 34.1 28.5 42.7

Manual Integrations
APPROVED

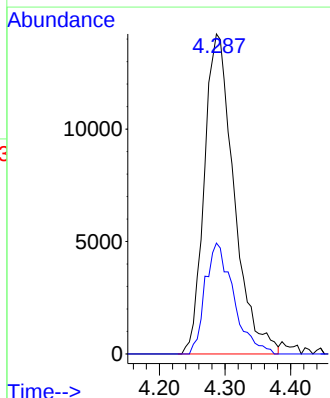
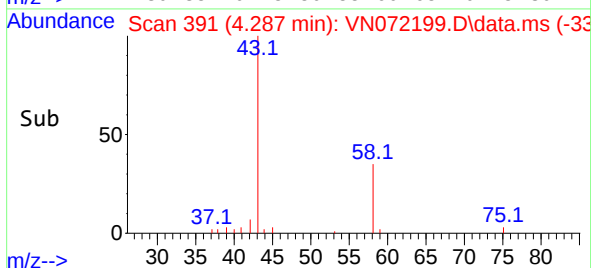
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



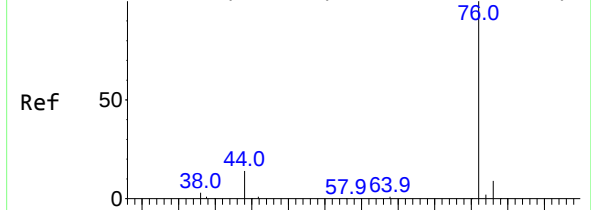
#16
Acetone
Concen: 31.844 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 43 Resp: 44680
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0



Abundance Scan 433 (4.534 min): VN072202.D\data.ms (-41



#17

Carbon Disulfide

Concen: 7.282 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3876

Ion Ratio Lower Upper

76 100

78 7.8 7.2 10.8

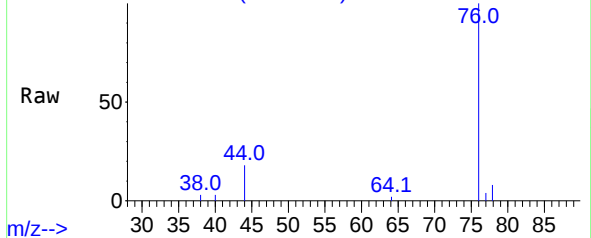
Manual Integrations

APPROVED

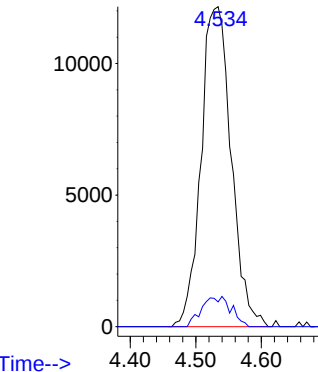
Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022

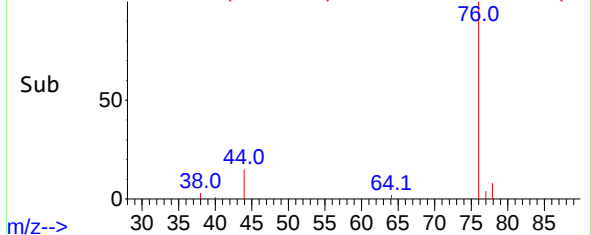
Abundance Scan 433 (4.534 min): VN072199.D\data.ms



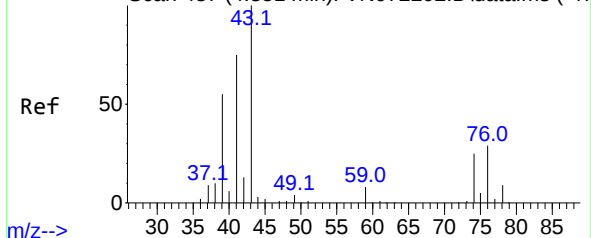
Abundance



Abundance Scan 433 (4.534 min): VN072199.D\data.ms (-38



Abundance Scan 487 (4.851 min): VN072202.D\data.ms (-47



#18

Methyl Acetate

Concen: 6.642 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.006 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

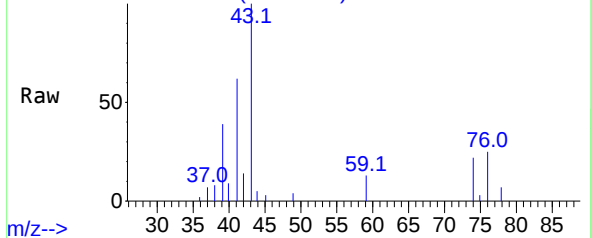
Tgt Ion: 43 Resp: 28400

Ion Ratio Lower Upper

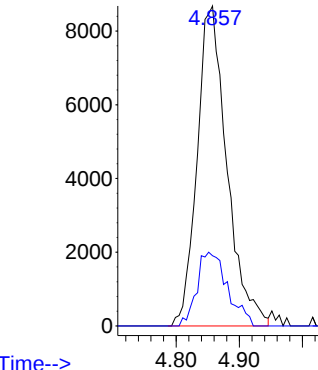
43 100

74 23.7 21.6 32.4

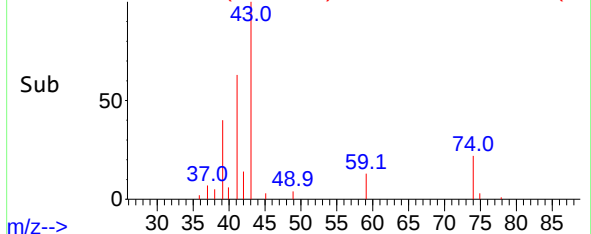
Abundance Scan 488 (4.857 min): VN072199.D\data.ms

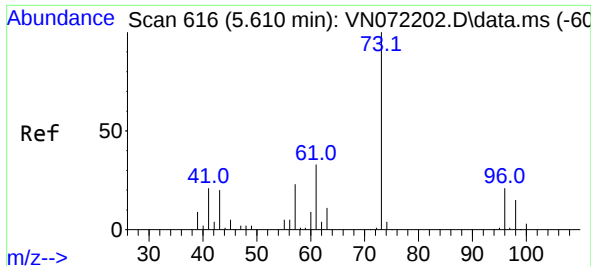


Abundance



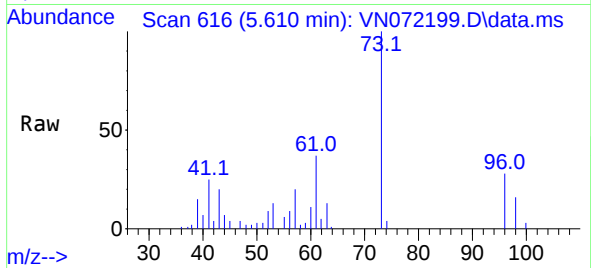
Abundance Scan 488 (4.857 min): VN072199.D\data.ms (-43





#19
Methyl tert-butyl Ether
Concen: 5.805 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

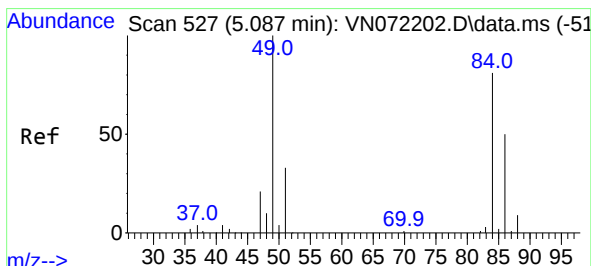
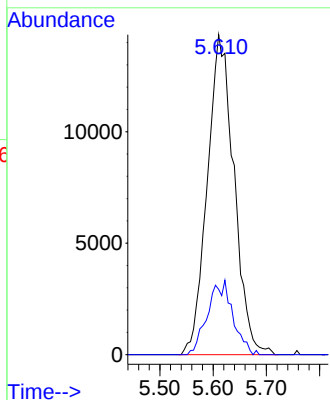
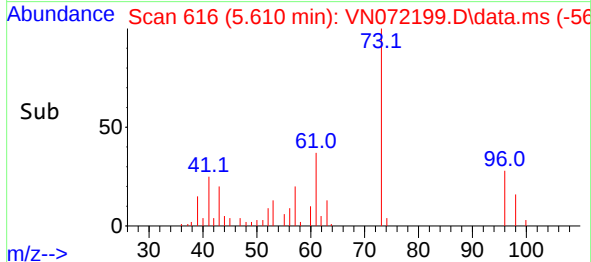
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



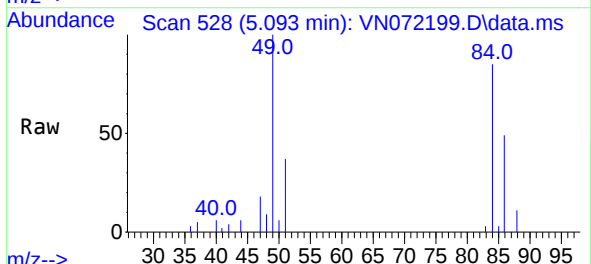
Tgt Ion: 73 Resp: 5004
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

Manual Integrations
APPROVED

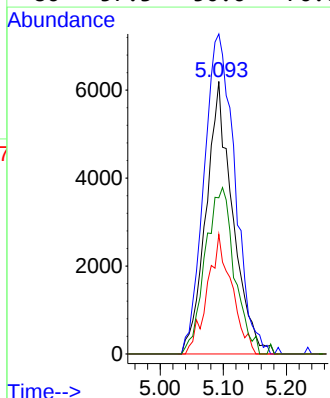
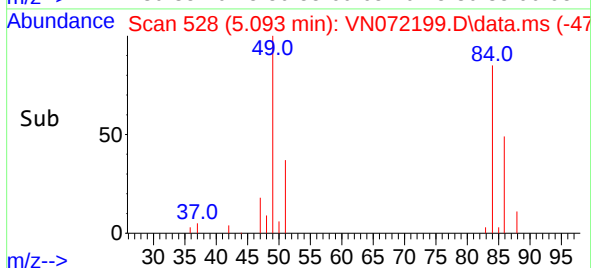
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

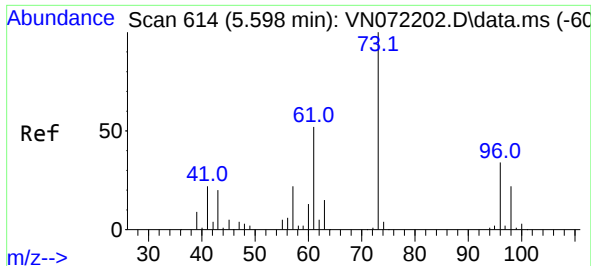


#20
Methylene Chloride
Concen: 6.327 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



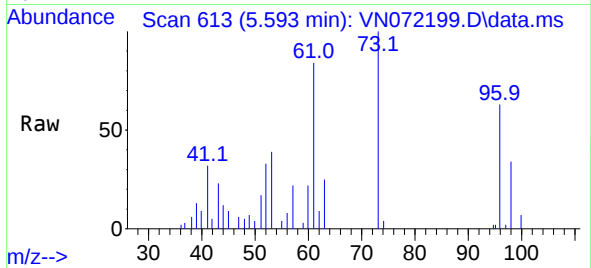
Tgt Ion: 84 Resp: 18170
Ion Ratio Lower Upper
84 100
49 117.4 88.3 132.5
51 43.9 28.2 42.2#
86 57.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 6.181 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

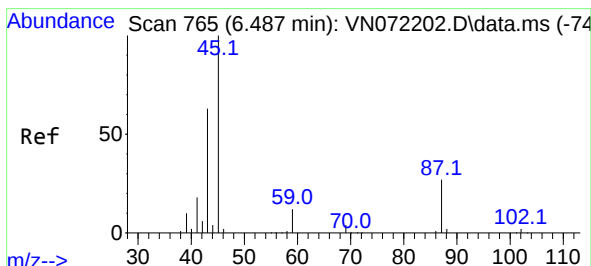
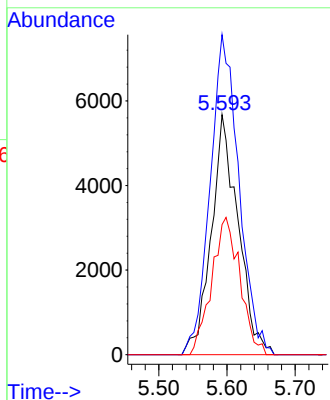
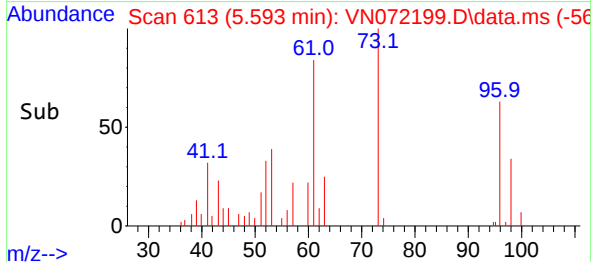
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



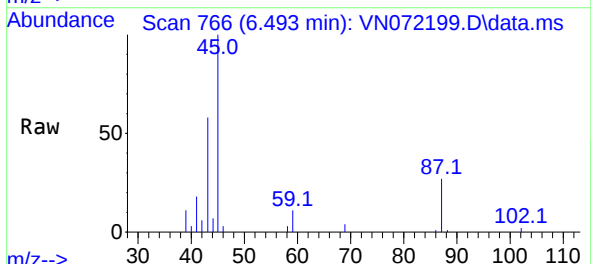
Tgt Ion: 96 Resp: 1554
Ion Ratio Lower Upper
96 100
61 133.3 105.8 158.8
98 54.2 50.3 75.5

Manual Integrations
APPROVED

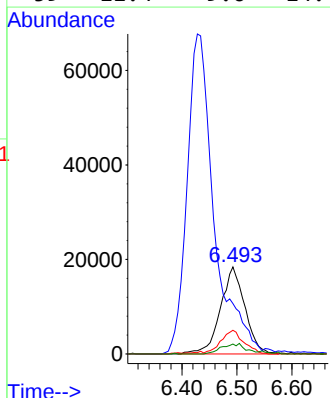
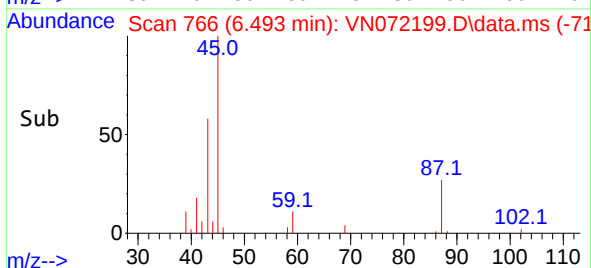
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

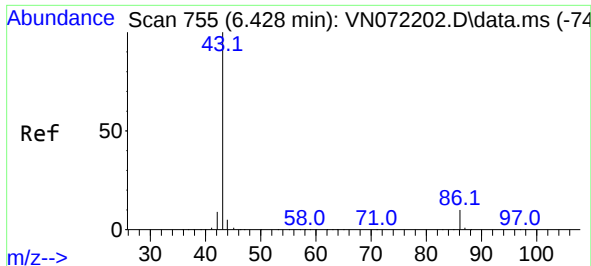


#22
Diisopropyl ether
Concen: 6.785 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 45 Resp: 56789
Ion Ratio Lower Upper
45 100
43 54.4 46.6 70.0
87 27.2 24.3 36.5
59 11.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 34.537 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072199.D
 Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

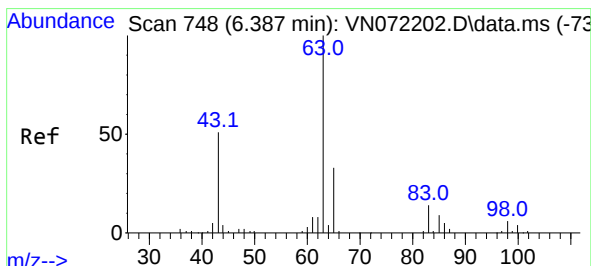
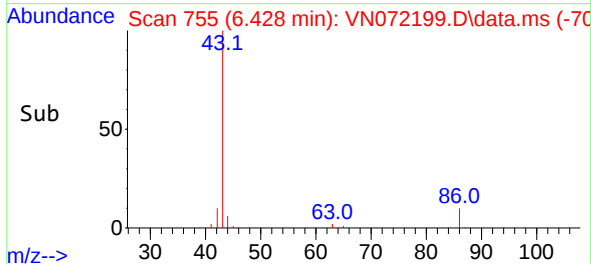
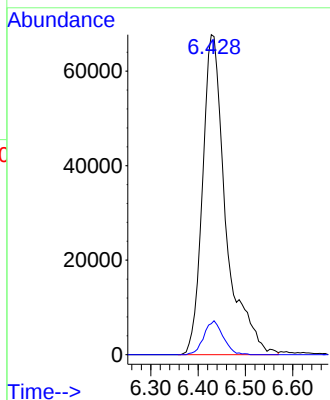
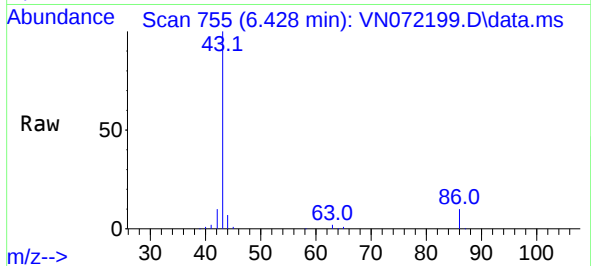
ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 231625
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

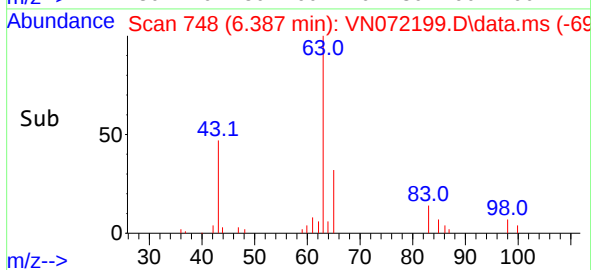
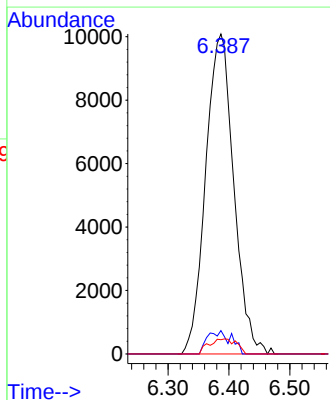
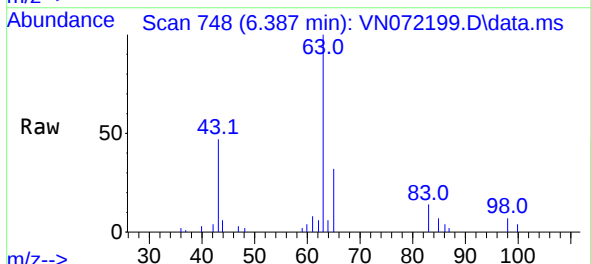
Manual Integrations
 APPROVED

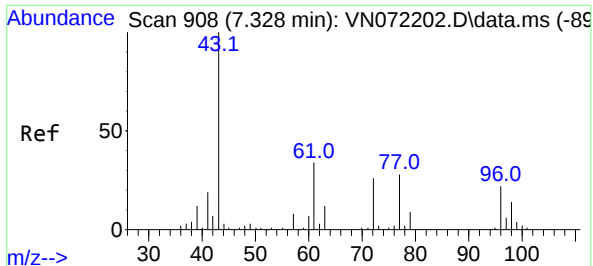
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022



#24
 1,1-Dichloroethane
 Concen: 6.658 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN072199.D
 Acq: 26 Apr 2022 15:13

Tgt Ion: 63 Resp: 32352
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 33.778 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 69370

Ion Ratio Lower Upper

43 100

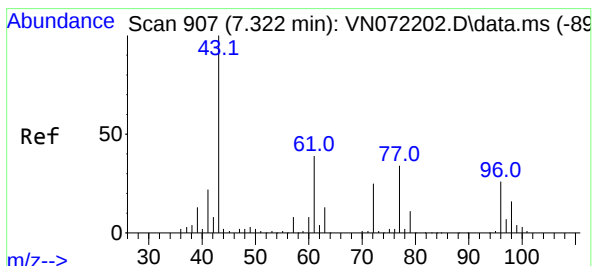
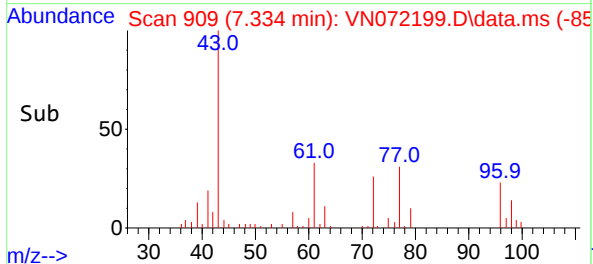
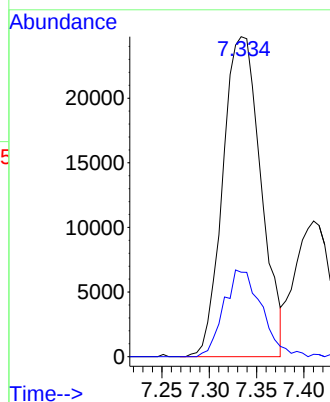
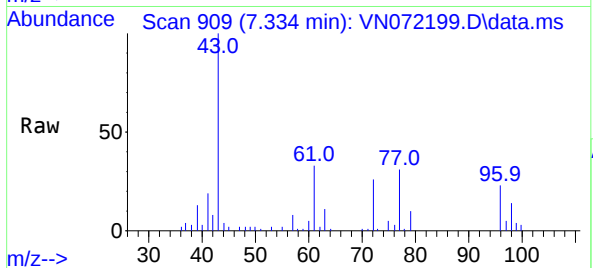
72 26.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#26

2,2-Dichloropropane

Concen: 6.053 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072199.D

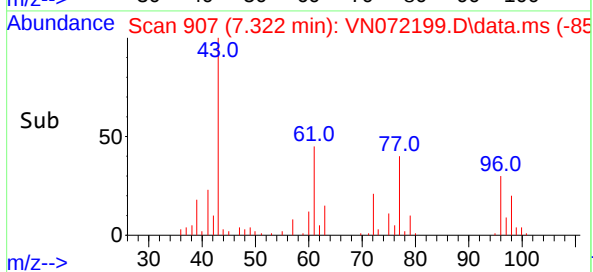
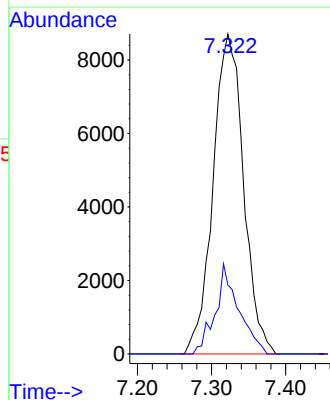
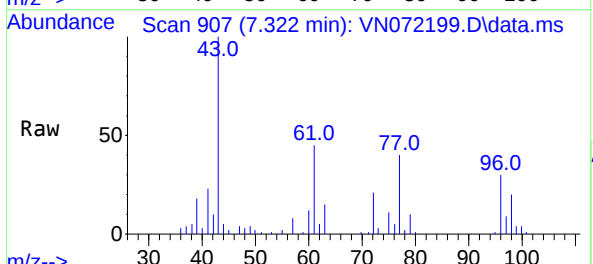
Acq: 26 Apr 2022 15:13

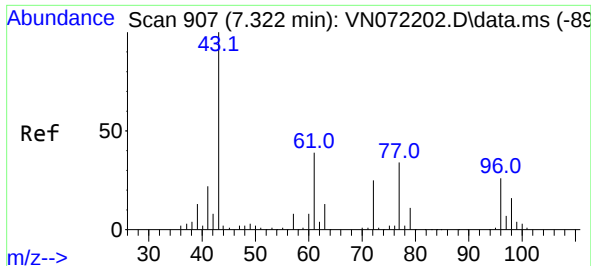
Tgt Ion: 77 Resp: 24846

Ion Ratio Lower Upper

77 100

97 21.6 11.4 34.2





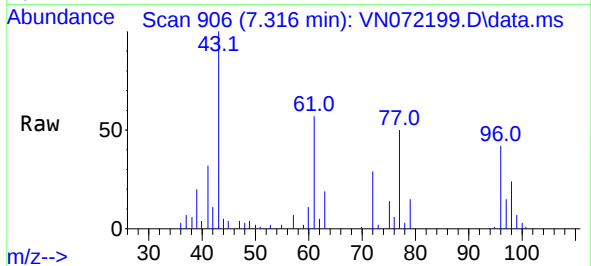
#27
 cis-1,2-Dichloroethene
 Concen: 5.852 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072199.D
 Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

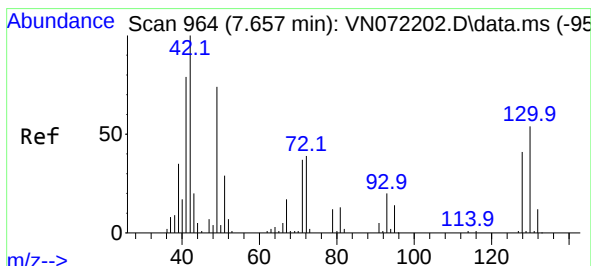
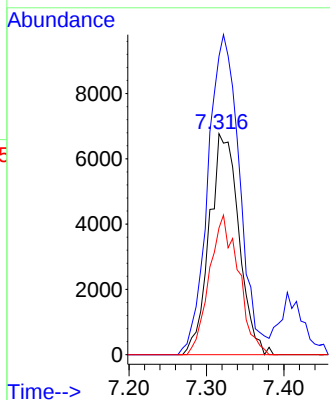
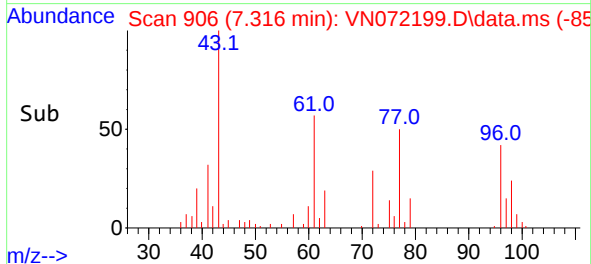


Tgt Ion: 96 Resp: 1796
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 280.6
 98 62.6 0.0 128.4

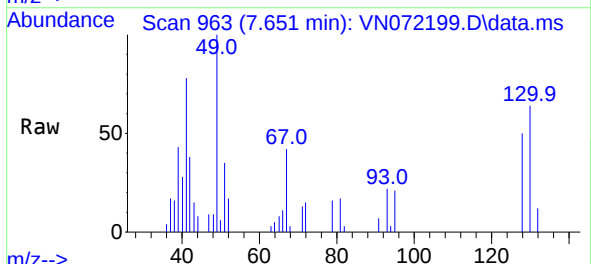
Manual Integrations

APPROVED

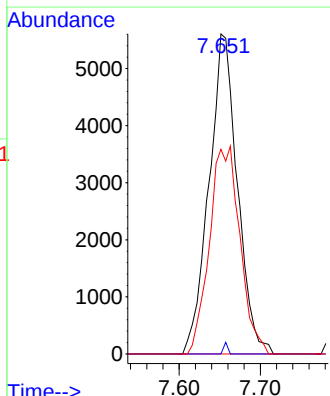
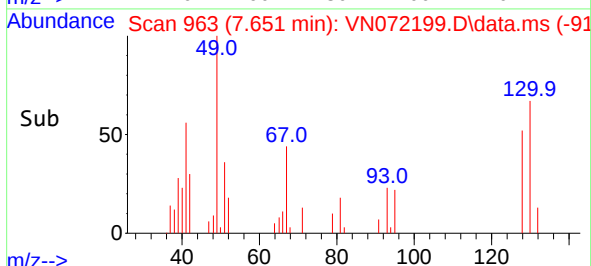
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

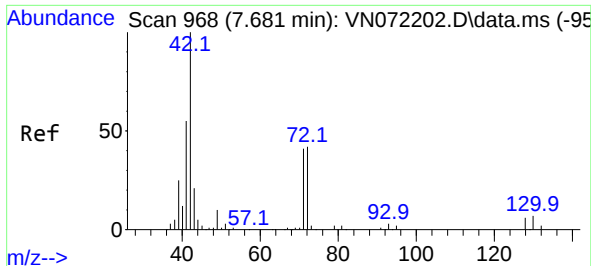


#28
 Bromochloromethane
 Concen: 6.614 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072199.D
 Acq: 26 Apr 2022 15:13



Tgt Ion: 49 Resp: 13646
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.6
 130 69.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 36.040 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 47974

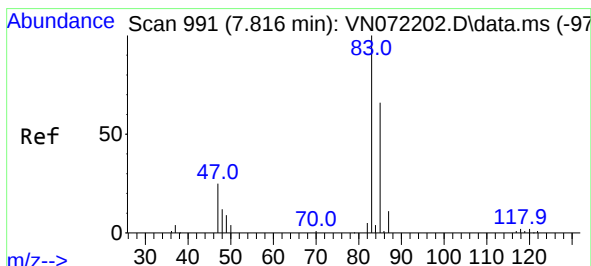
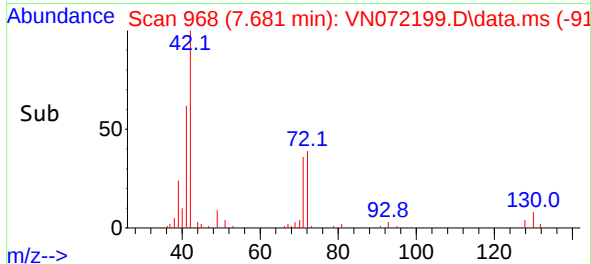
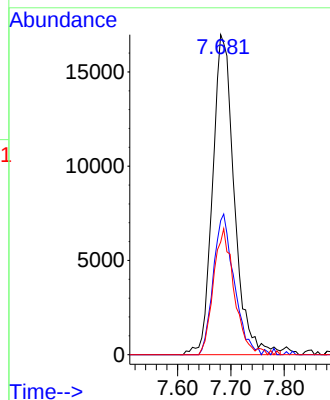
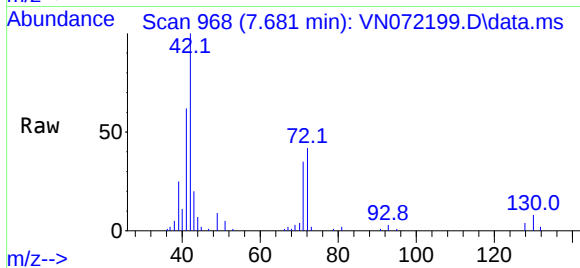
Ion	Ratio	Lower	Upper
42	100		
72	42.1	39.7	59.5
71	37.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#30

Chloroform

Concen: 6.140 ug/l

RT: 7.810 min Scan# 990

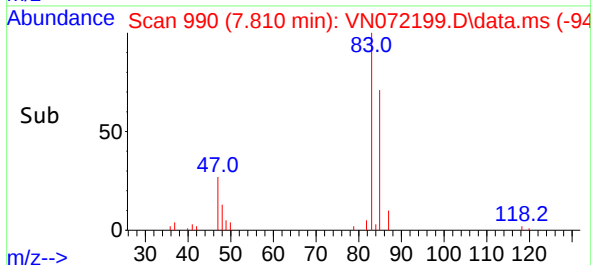
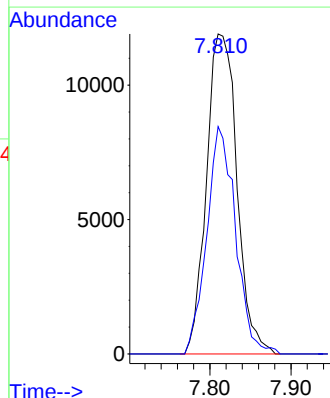
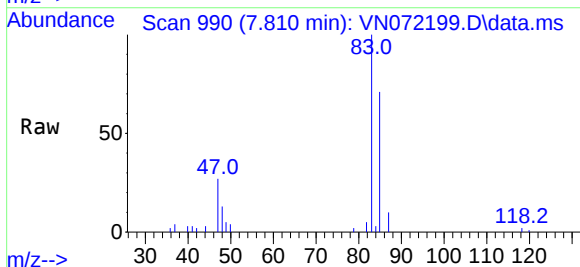
Delta R.T. -0.006 min

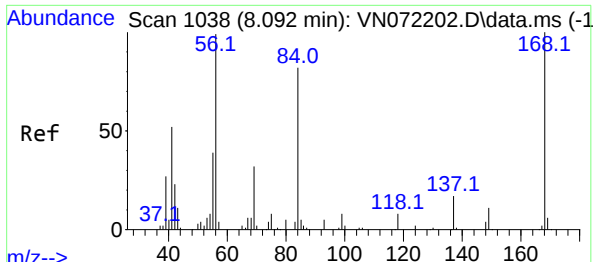
Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Tgt Ion: 83 Resp: 31057

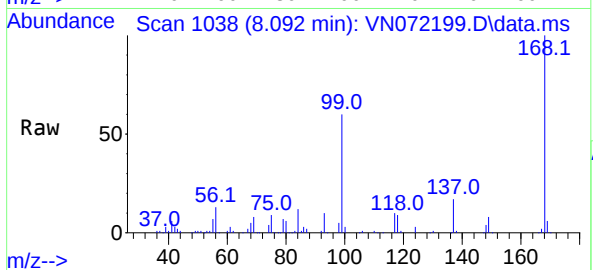
Ion	Ratio	Lower	Upper
83	100		
85	71.1	51.8	77.8





#31
Cyclohexane
Concen: 7.736 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

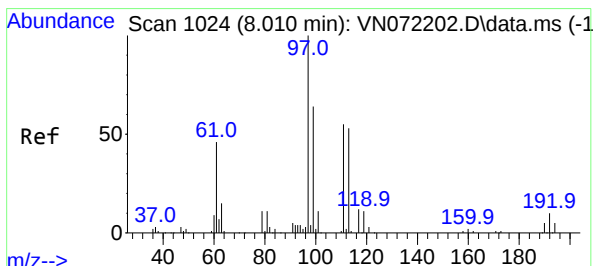
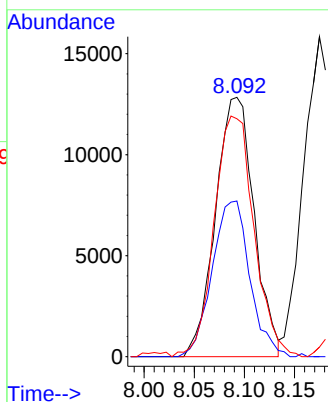
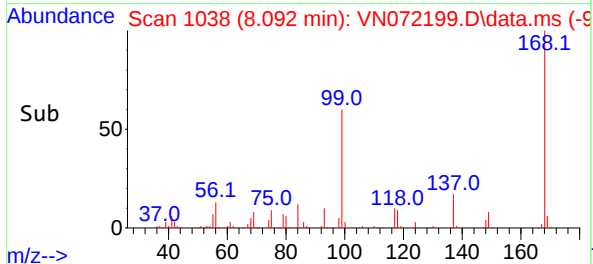
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



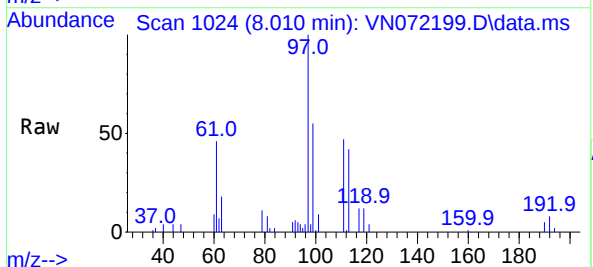
Tgt Ion: 56 Resp: 3428
Ion Ratio Lower Upper
56 100
69 60.0 27.8 41.8
84 90.0 76.9 115.3

Manual Integrations
APPROVED

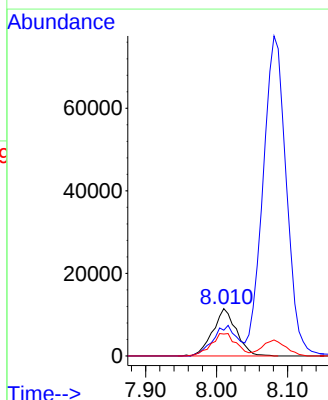
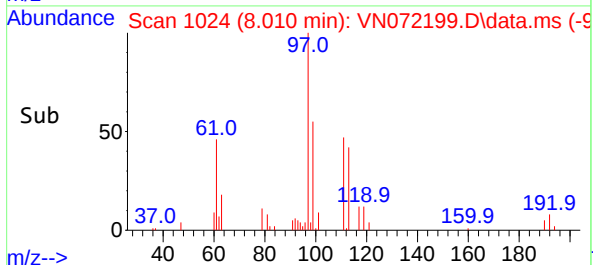
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

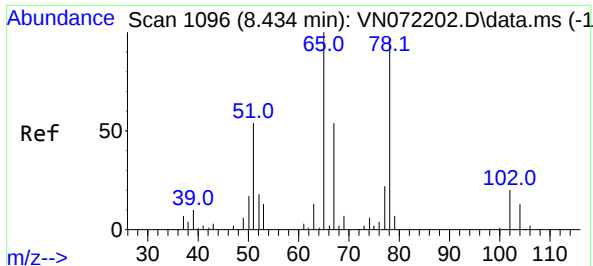


#32
1,1,1-Trichloroethane
Concen: 6.067 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 97 Resp: 26415
Ion Ratio Lower Upper
97 100
99 67.2 50.6 76.0
61 50.5 36.0 54.0





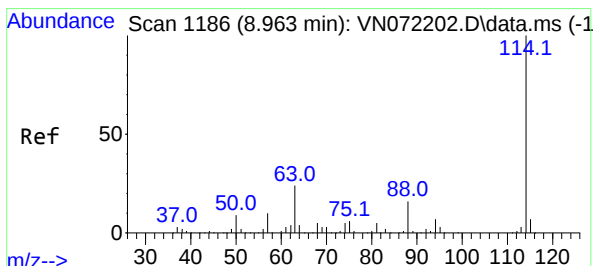
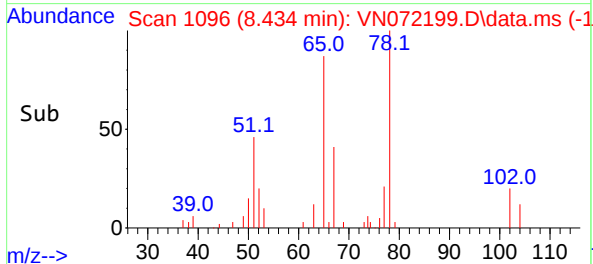
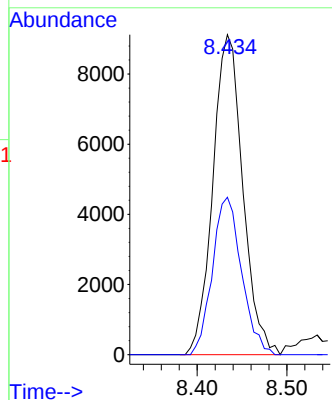
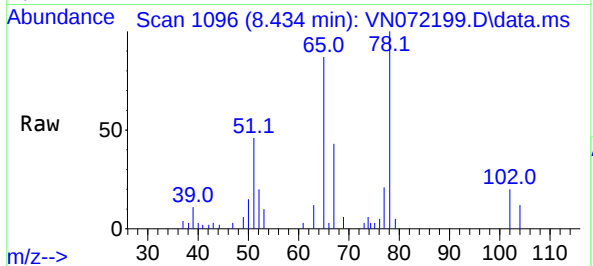
#33
1,2-Dichloroethane-d4
Concen: 6.374 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 21109
Ion Ratio Lower Upper
65 100
67 47.9 0.0 104.8

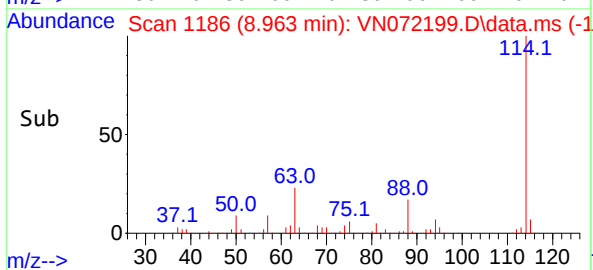
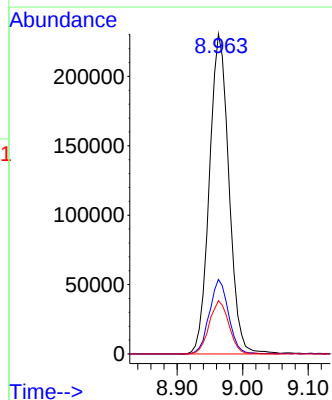
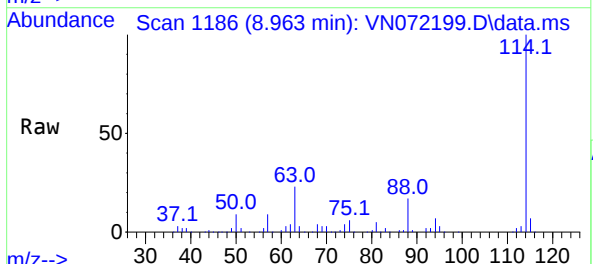
Manual Integrations
APPROVED

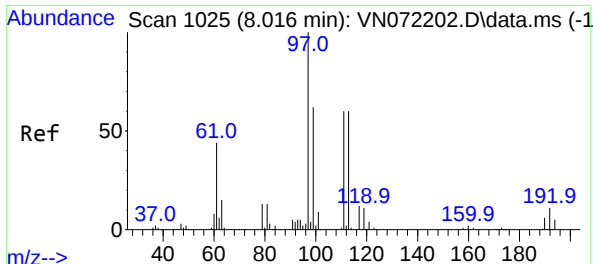
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

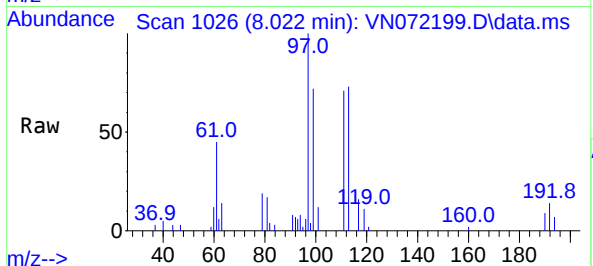
Tgt Ion:114 Resp: 477301
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.0
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 5.119 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

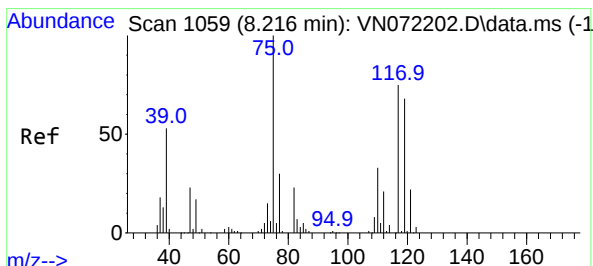
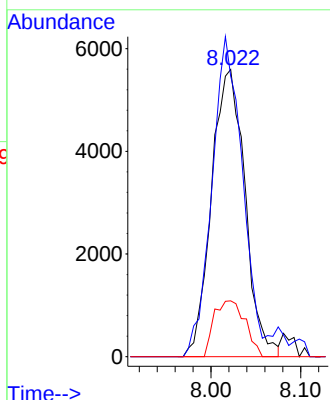
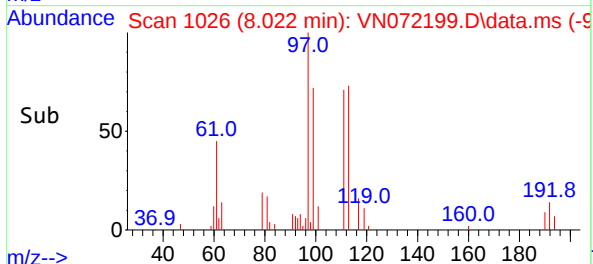
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



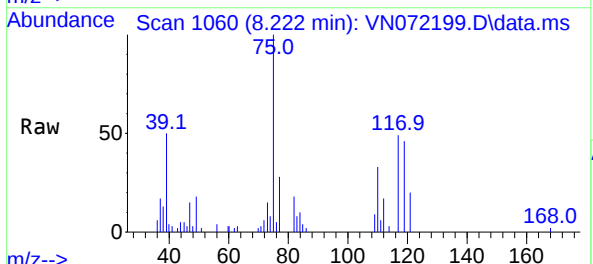
Tgt Ion:113 Resp: 14510
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
APPROVED

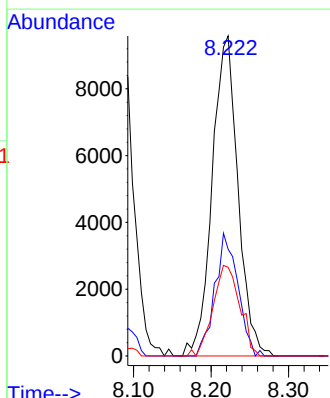
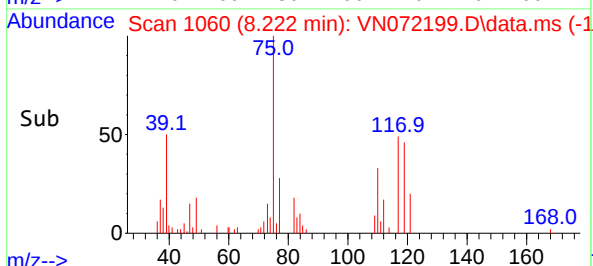
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

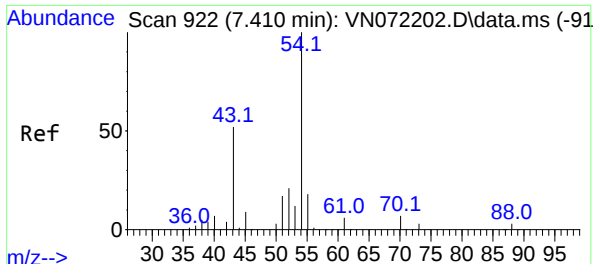


#36
1,1-Dichloropropene
Concen: 5.579 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



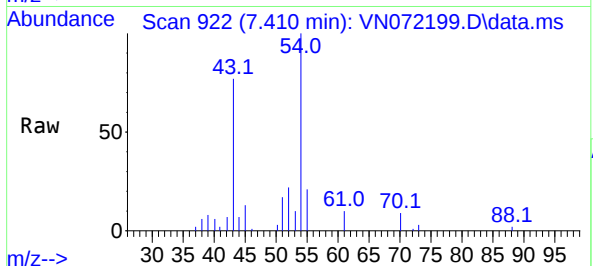
Tgt Ion: 75 Resp: 22132
Ion Ratio Lower Upper
75 100
110 34.2 18.3 54.8
77 29.5 25.1 37.7





#37
Ethyl Acetate
Concen: 6.277 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

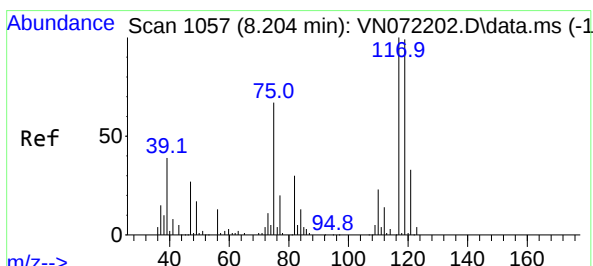
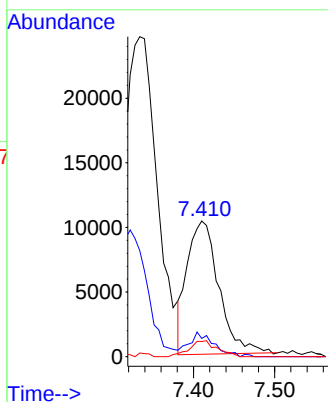
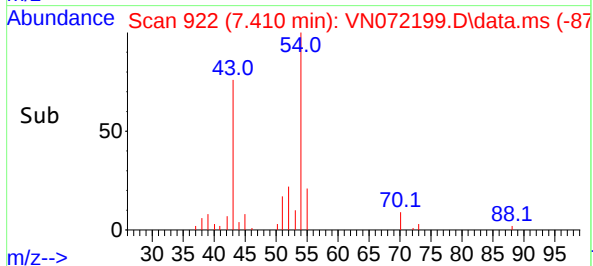
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 27972
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 10.6 9.3 13.9

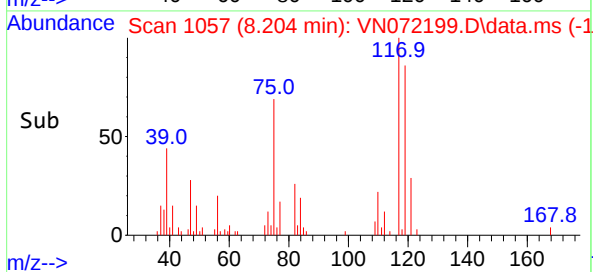
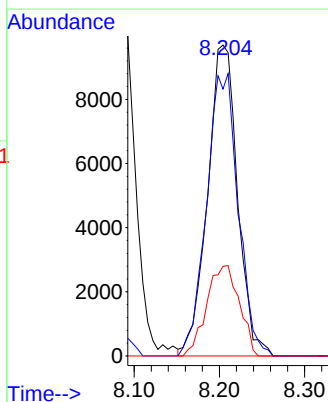
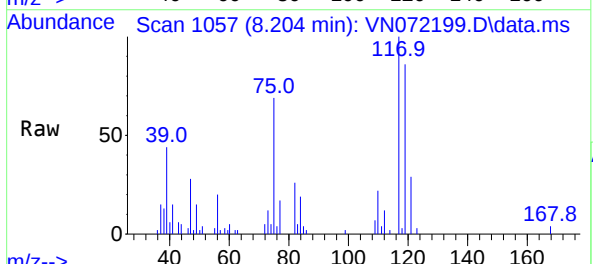
Manual Integrations
APPROVED

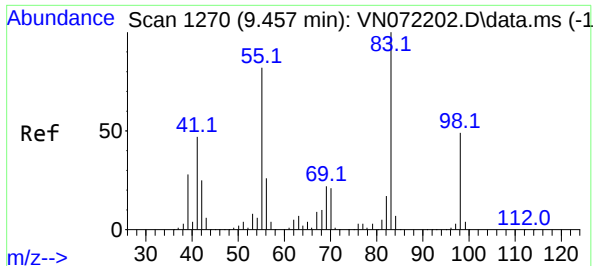
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:117 Resp: 23720
Ion Ratio Lower Upper
117 100
119 85.9 75.8 113.8
121 28.8 24.6 37.0





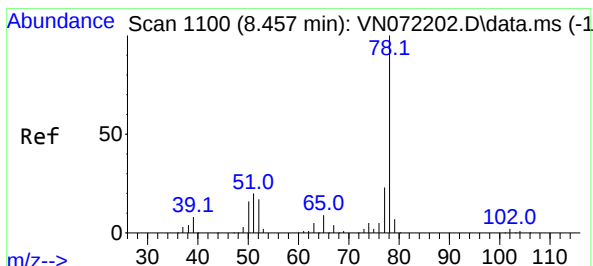
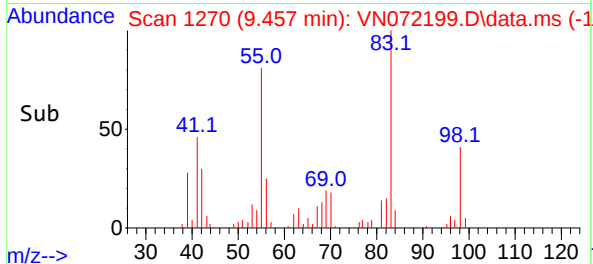
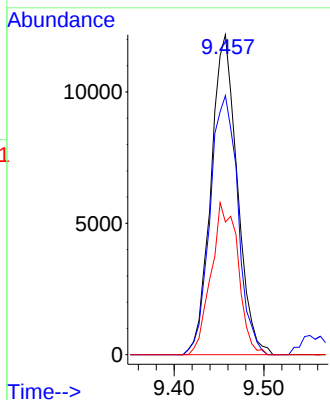
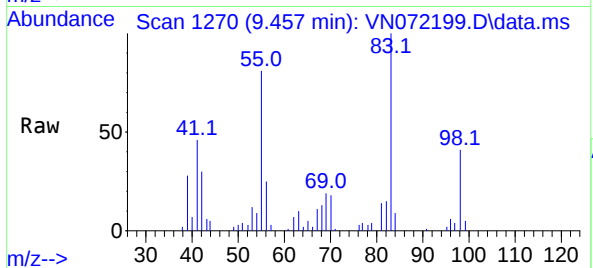
#39
Methylcyclohexane
Concen: 5.314 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2479
Ion Ratio Lower Upper
83 100
55 80.9 57.8 86.8
98 41.4 39.4 59.2

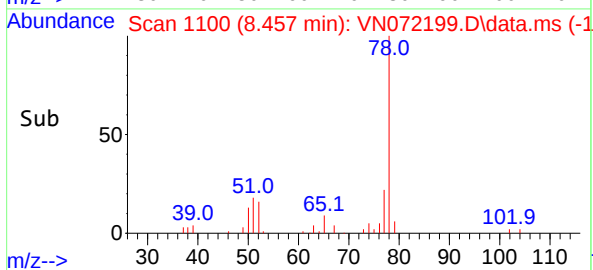
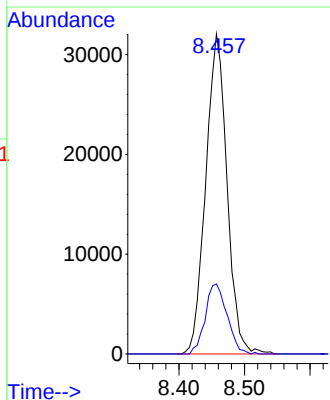
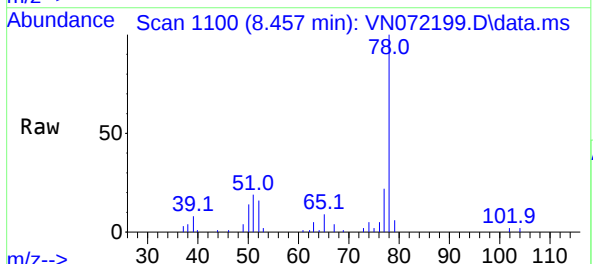
Manual Integrations
APPROVED

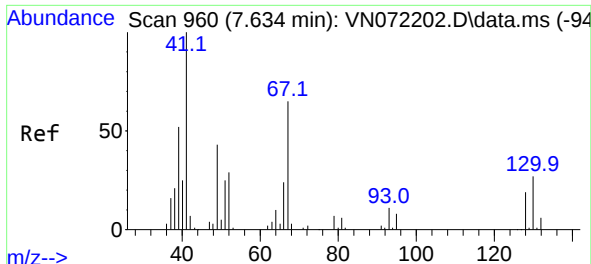
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#40
Benzene
Concen: 5.796 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

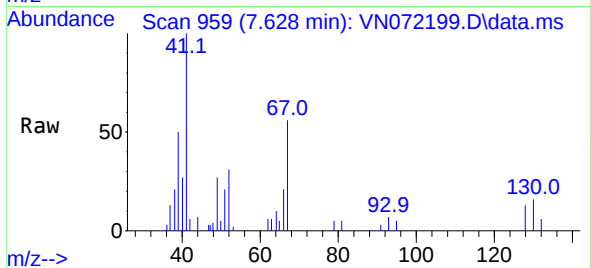
Tgt Ion: 78 Resp: 72271
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0





#41
Methacrylonitrile
Concen: 6.999 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

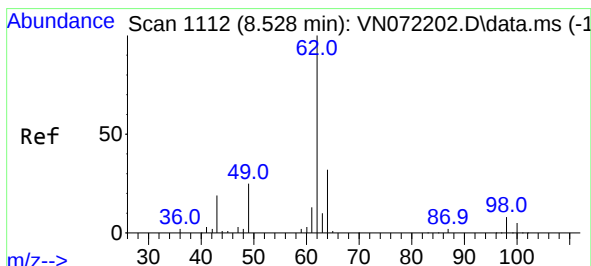
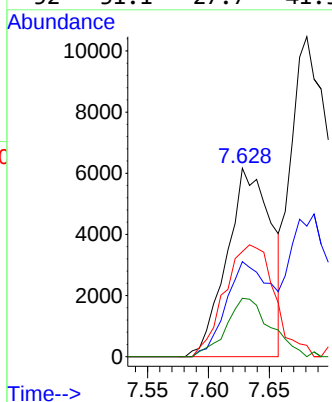
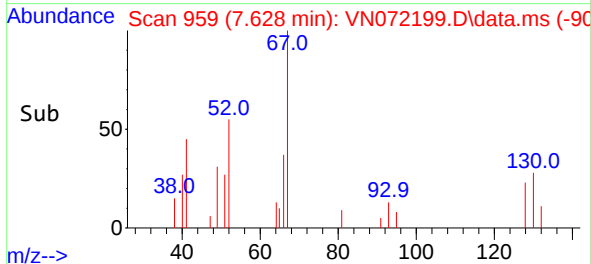
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



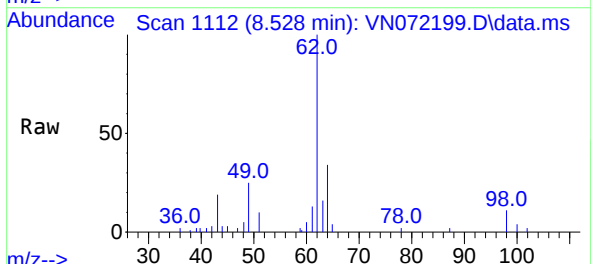
Tgt Ion: 41 Resp: 15630
Ion Ratio Lower Upper
41 100
39 51.0 48.6 73.0
67 66.4 73.4 110.2
52 31.1 27.7 41.5

Manual Integrations
APPROVED

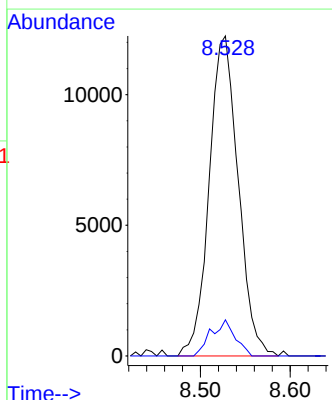
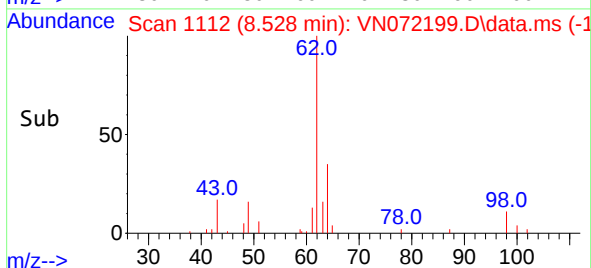
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

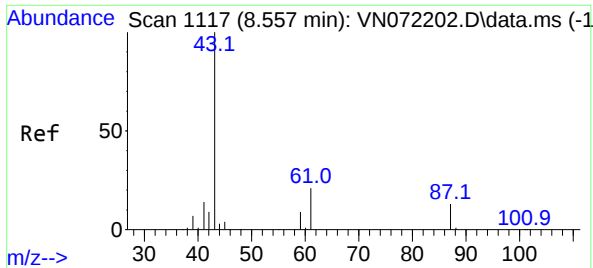


#42
1,2-Dichloroethane
Concen: 6.268 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 62 Resp: 27533
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





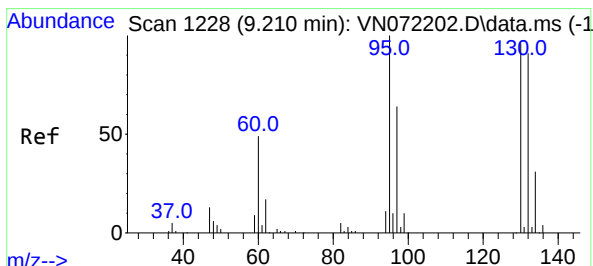
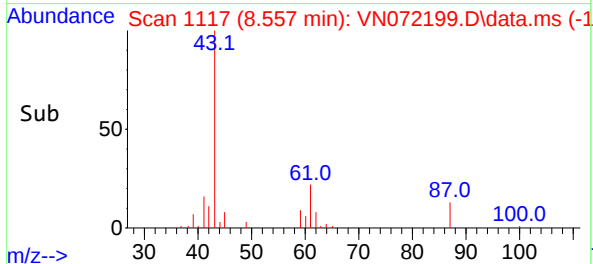
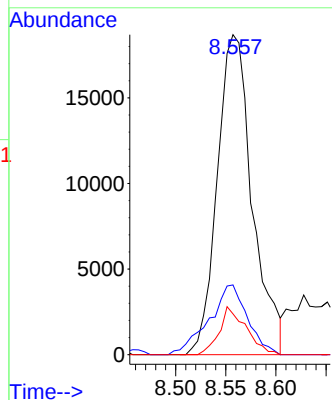
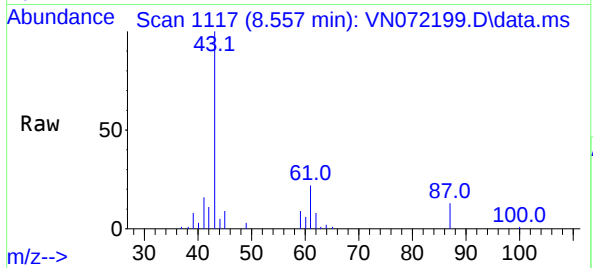
#43
Isopropyl Acetate
Concen: 6.121 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 4534
Ion Ratio Lower Upper
43 100
61 24.0 21.9 32.9
87 11.5 12.0 18.0

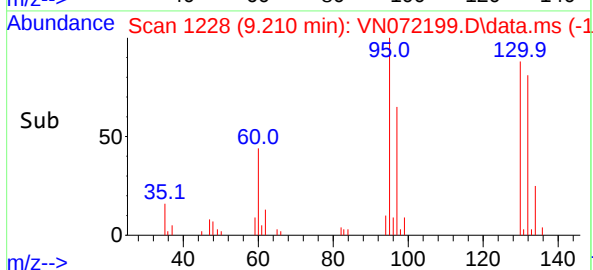
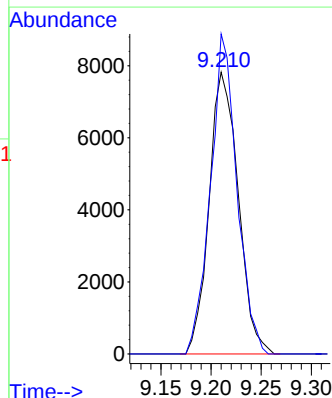
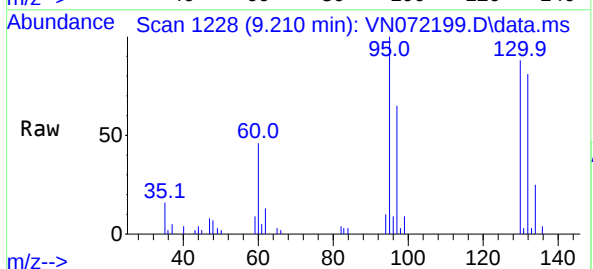
Manual Integrations
APPROVED

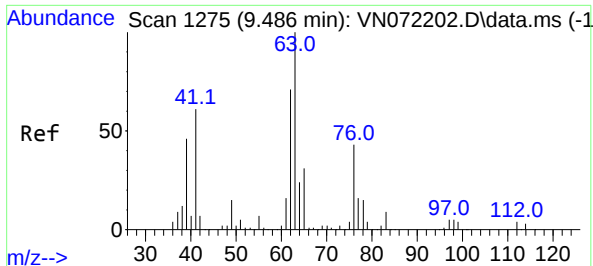
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#44
Trichloroethene
Concen: 5.037 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:130 Resp: 15803
Ion Ratio Lower Upper
130 100
95 113.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.934 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 18730

Ion Ratio Lower Upper

63 100

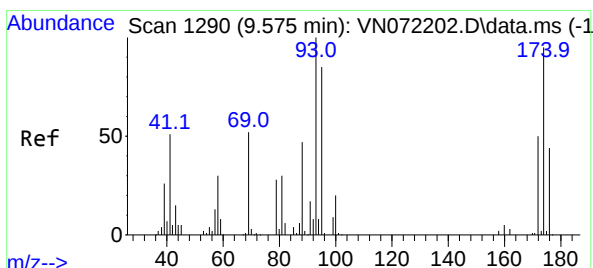
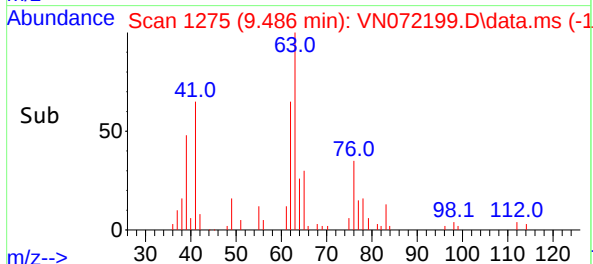
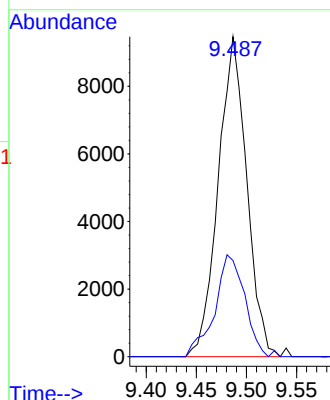
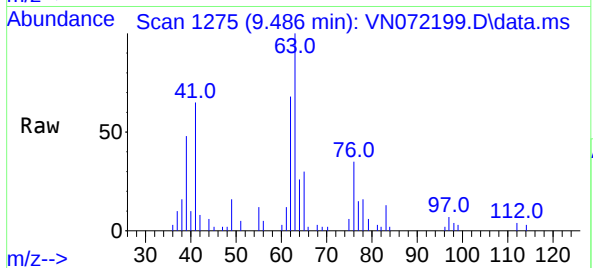
65 30.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#46

Dibromomethane

Concen: 5.910 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

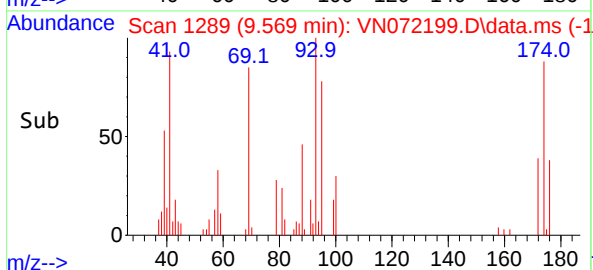
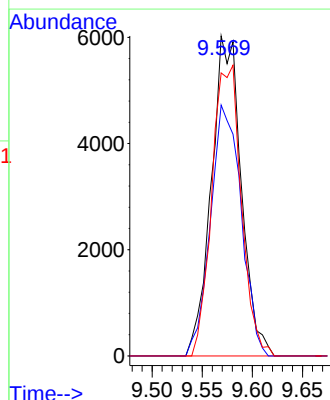
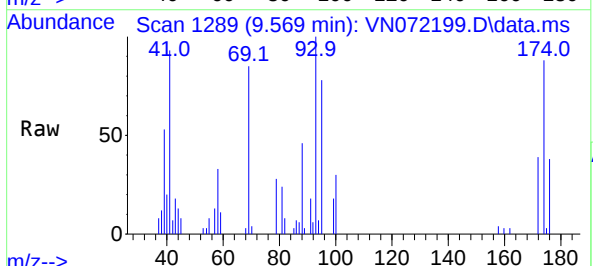
Tgt Ion: 93 Resp: 12497

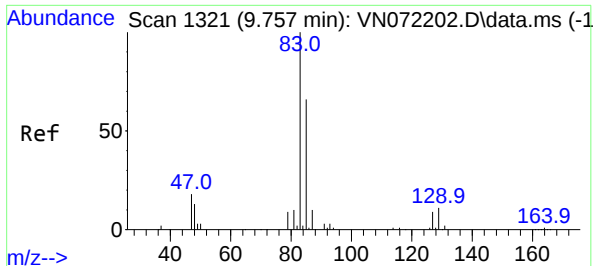
Ion Ratio Lower Upper

93 100

95 80.4 66.9 100.3

174 89.2 86.6 130.0





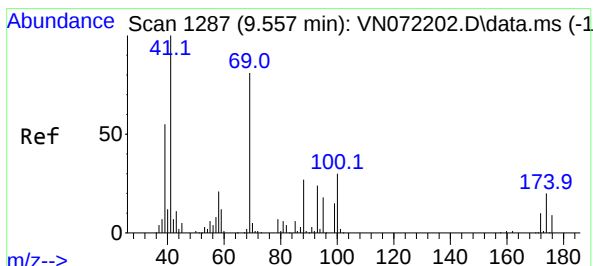
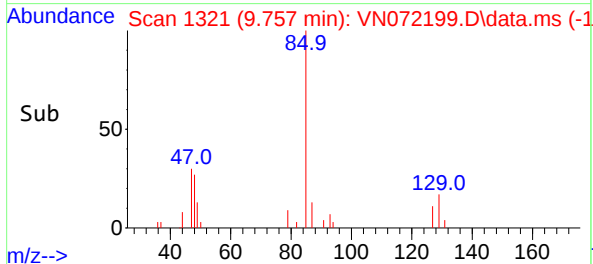
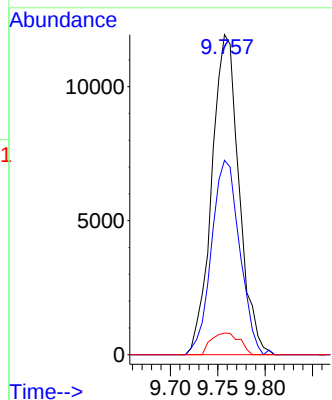
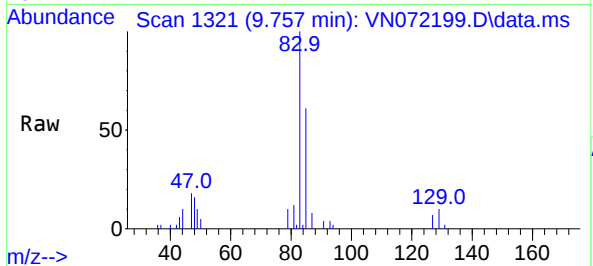
#47
Bromodichloromethane
Concen: 5.690 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 23904
Ion Ratio Lower Upper
83 100
85 60.8 50.5 75.7
127 6.8 6.8 10.2

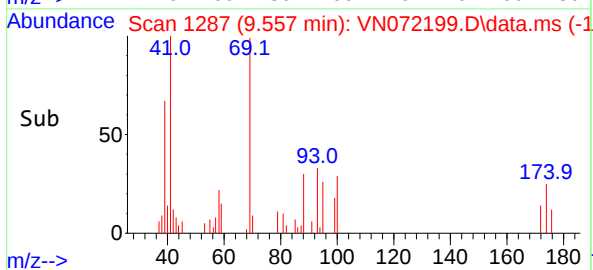
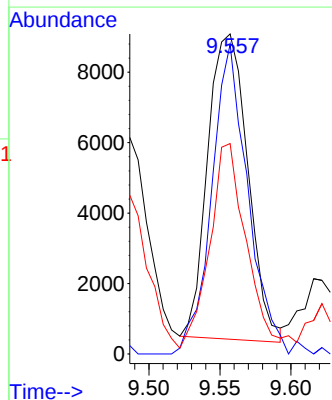
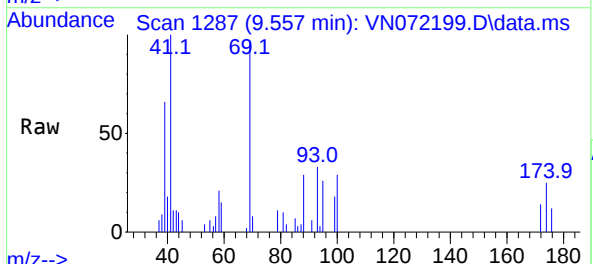
Manual Integrations
APPROVED

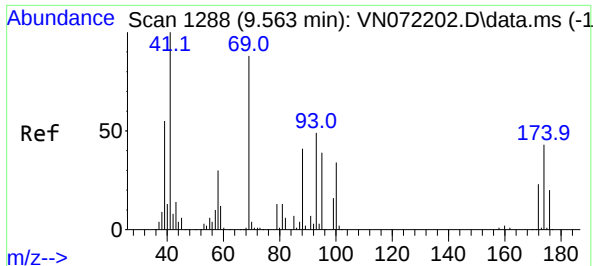
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#48
Methyl methacrylate
Concen: 5.447 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

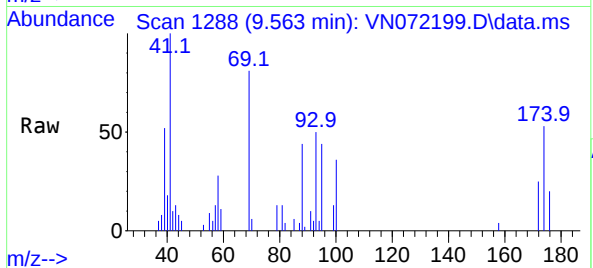
Tgt Ion: 41 Resp: 16993
Ion Ratio Lower Upper
41 100
69 93.2 74.7 112.1
39 64.4 45.6 68.4





#49
1,4-Dioxane
Concen: 90.631 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

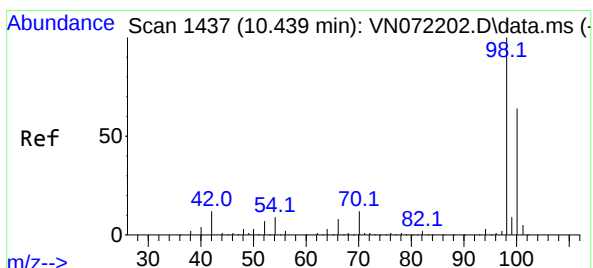
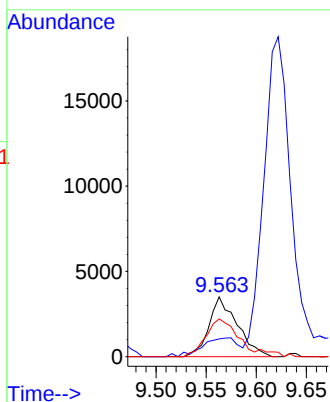
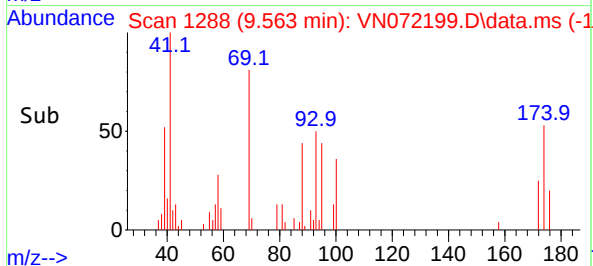
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



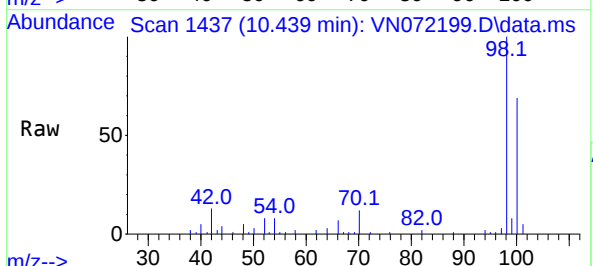
Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
43 40.1 20.2 30.4
58 76.4 54.2 81.4

Manual Integrations
APPROVED

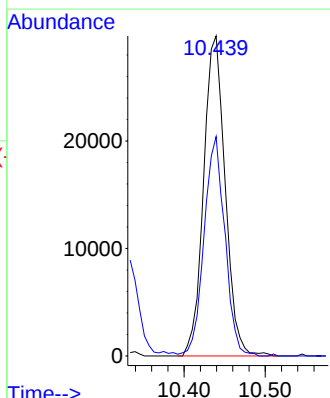
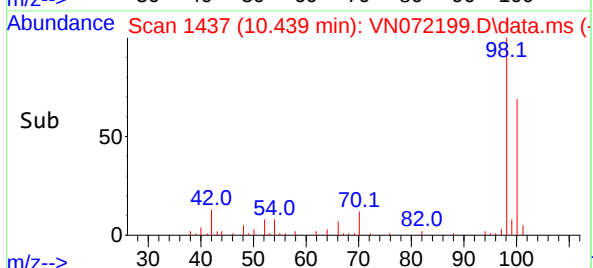
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

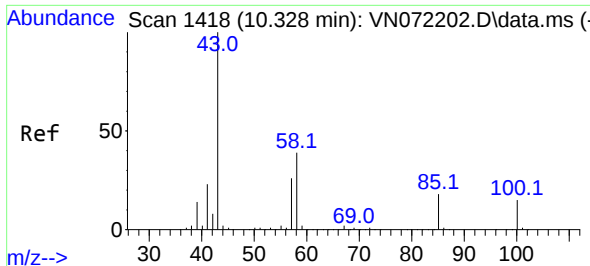


#50
Toluene-d8
Concen: 4.754 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 98 Resp: 54978
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





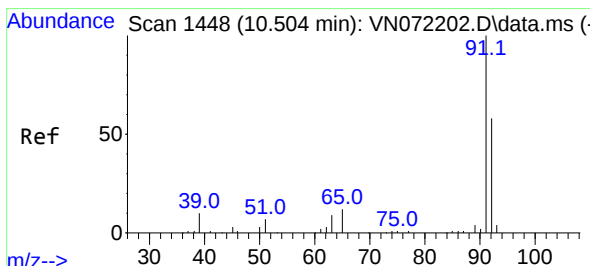
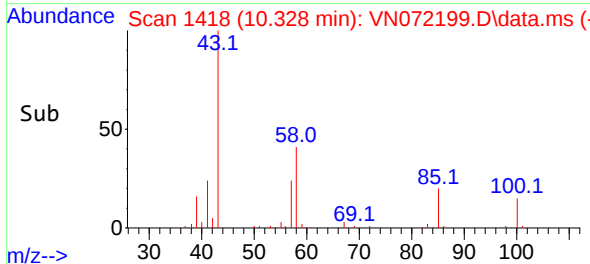
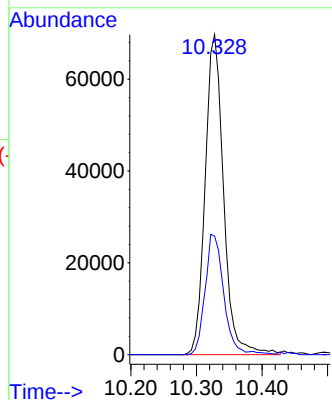
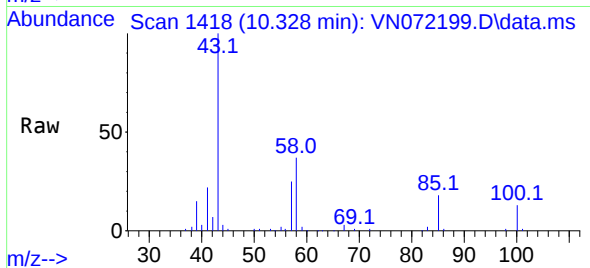
#51
4-Methyl-2-Pentanone
Concen: 31.712 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 136470
Ion Ratio Lower Upper
43 100
58 38.2 34.1 51.1

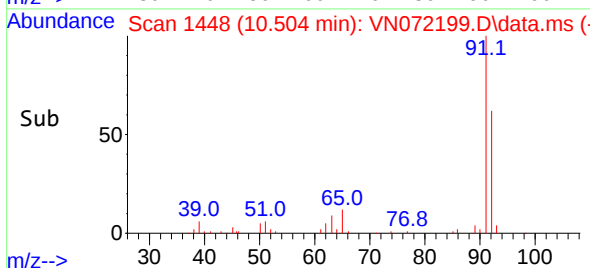
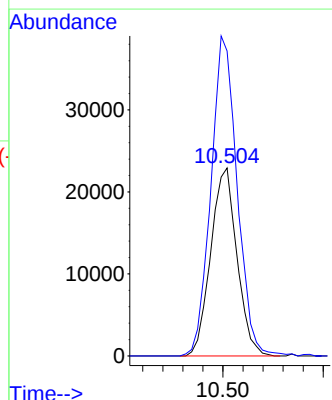
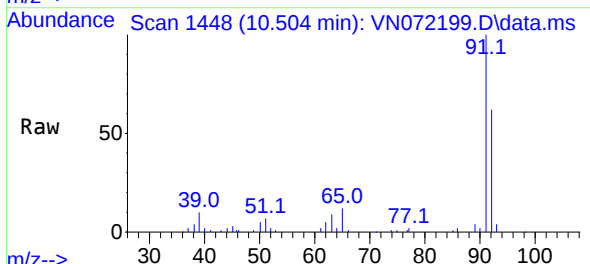
Manual Integrations
APPROVED

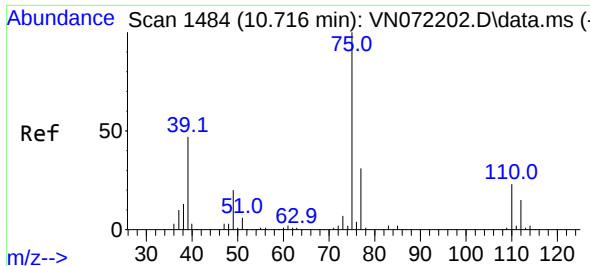
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#52
Toluene
Concen: 5.304 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

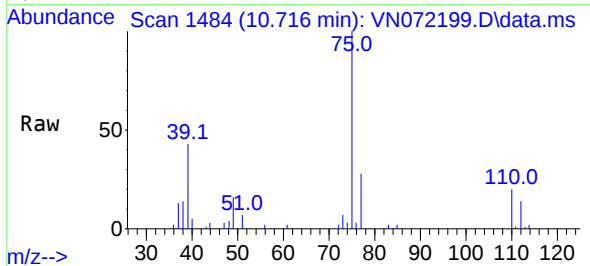
Tgt Ion: 92 Resp: 41619
Ion Ratio Lower Upper
92 100
91 170.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 5.516 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

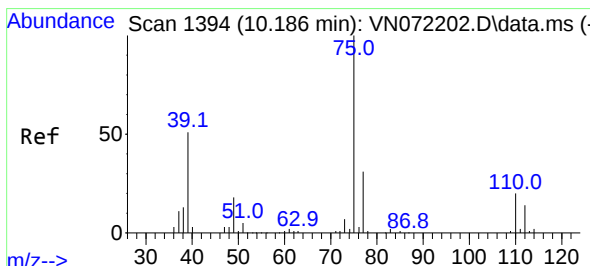
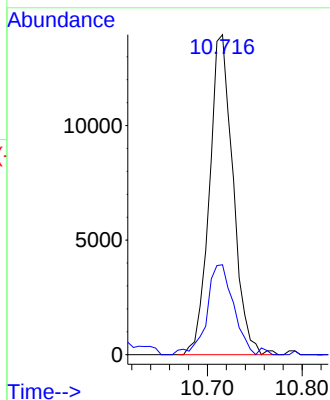
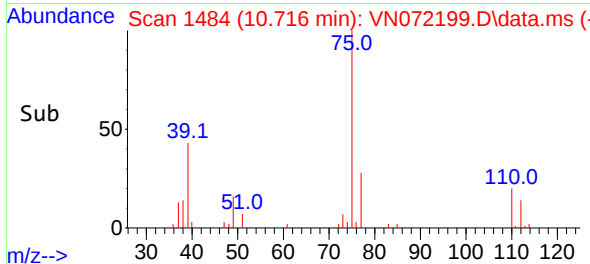
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



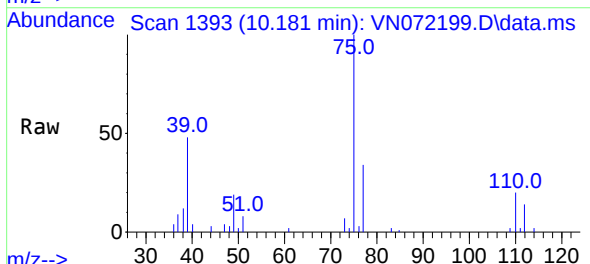
Tgt Ion: 75 Resp: 24204
Ion Ratio Lower Upper
75 100
77 28.1 25.6 38.4

Manual Integrations
APPROVED

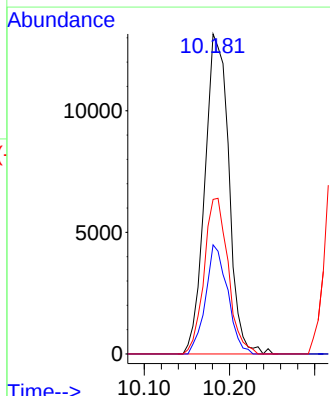
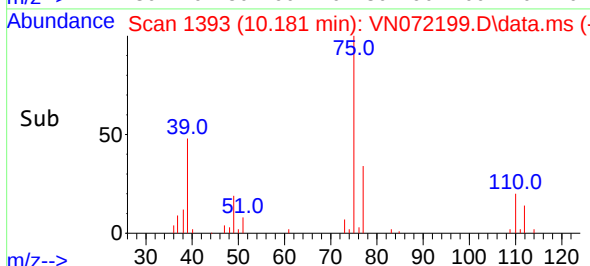
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

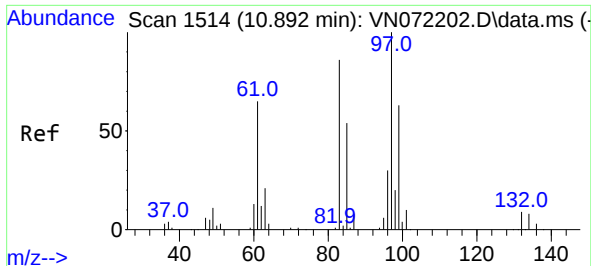


#54
cis-1,3-Dichloropropene
Concen: 5.321 ug/l
RT: 10.181 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 75 Resp: 25701
Ion Ratio Lower Upper
75 100
77 34.1 25.2 37.8
39 48.3 35.7 53.5





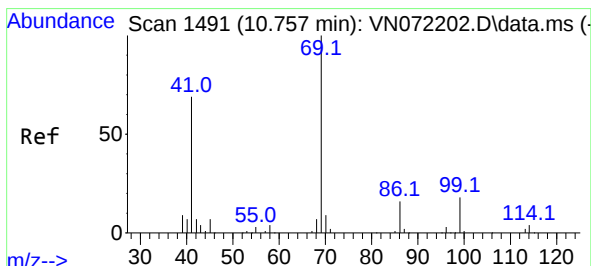
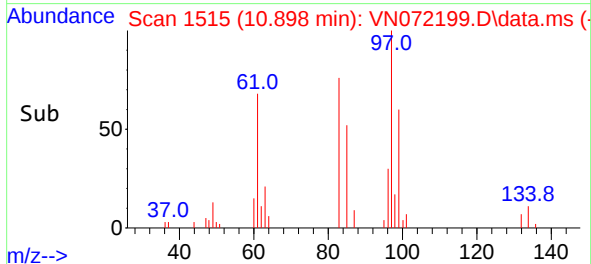
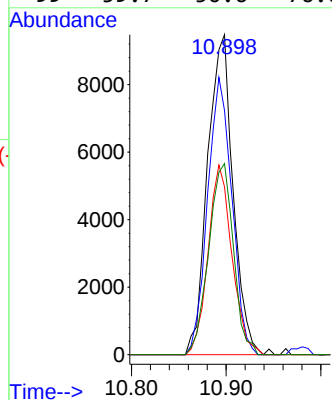
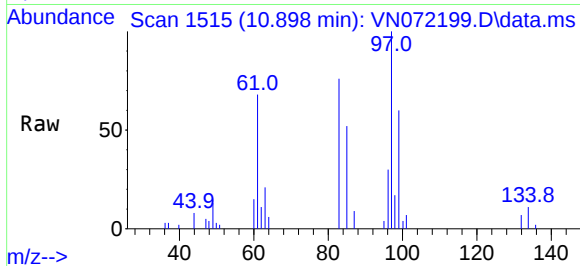
#55
1,1,2-Trichloroethane
Concen: 5.483 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 97	Resp: 17679
Ion Ratio	Lower Upper
97 100	
83 76.3	66.2 99.4
85 52.5	43.9 65.9
99 59.7	50.6 76.0

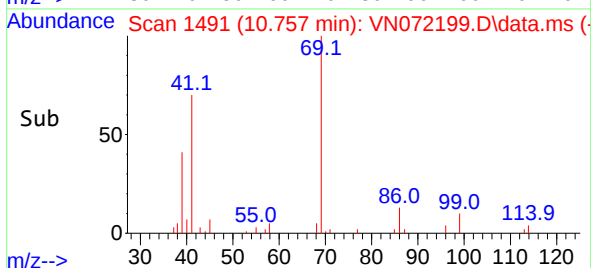
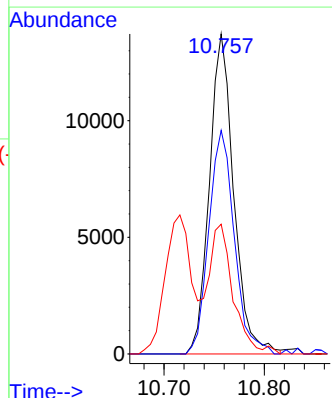
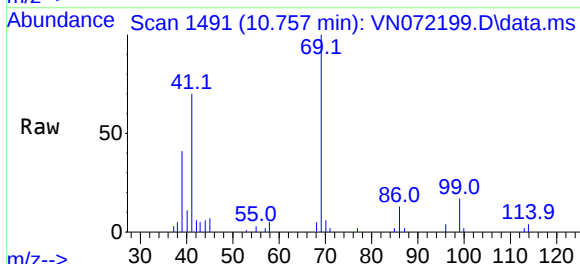
Manual Integrations
APPROVED

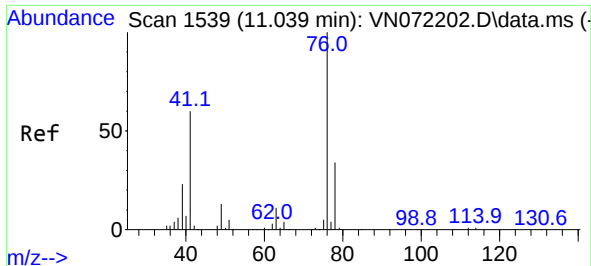
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#56
Ethyl methacrylate
Concen: 4.953 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion: 69	Resp: 23123
Ion Ratio	Lower Upper
69 100	
41 73.4	47.8 71.6#
39 41.9	27.3 40.9#





#57

1,3-Dichloropropane

Concen: 5.654 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3076

Ion Ratio Lower Upper

76 100

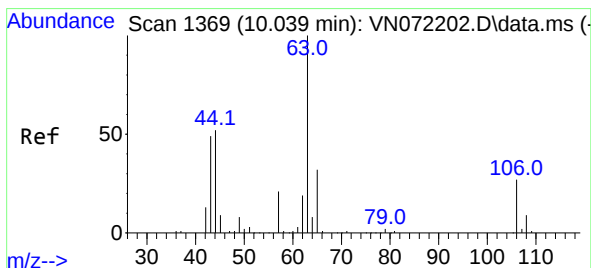
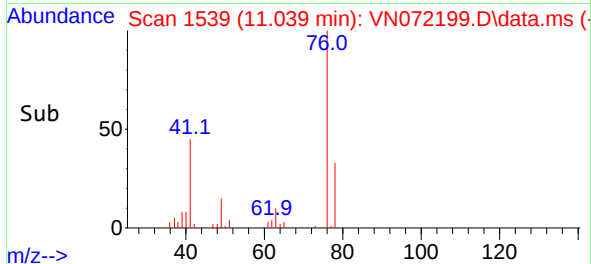
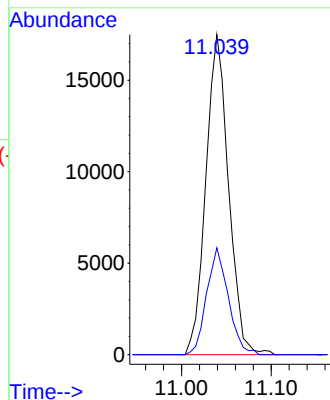
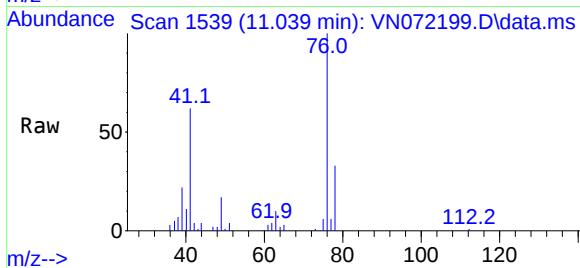
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.735 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072199.D

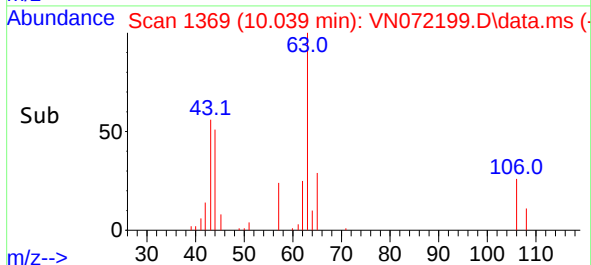
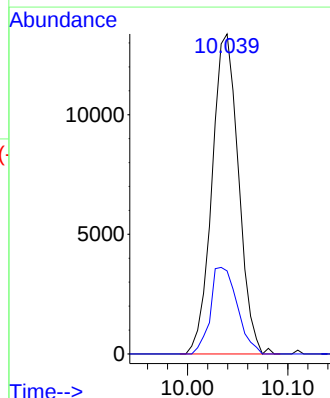
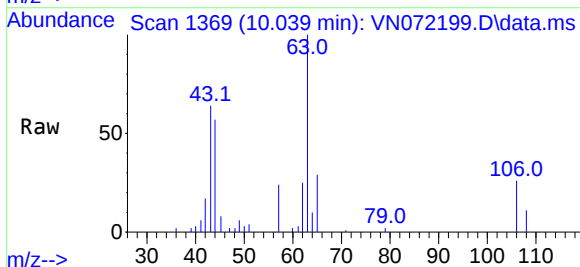
Acq: 26 Apr 2022 15:13

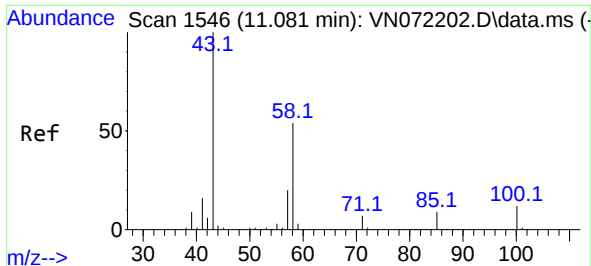
Tgt Ion: 63 Resp: 24563

Ion Ratio Lower Upper

63 100

106 27.4 24.6 36.8





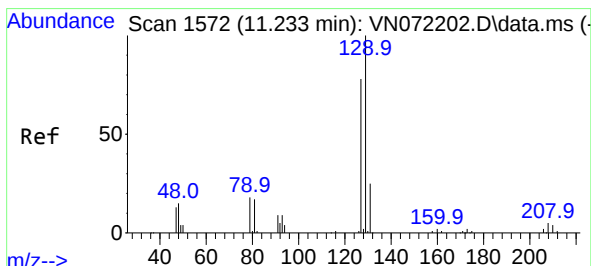
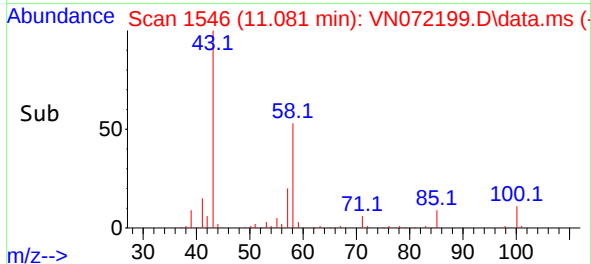
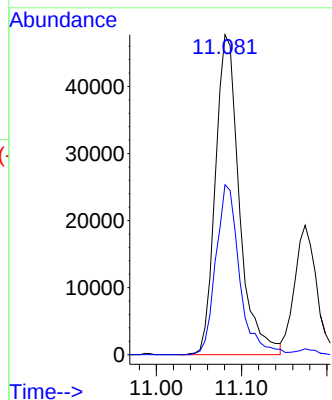
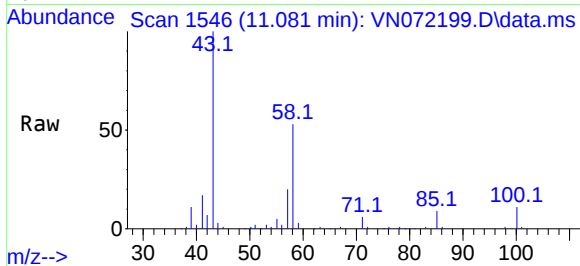
#59
2-Hexanone
Concen: 30.713 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 93162
Ion Ratio Lower Upper
43 100
58 52.7 29.7 89.1

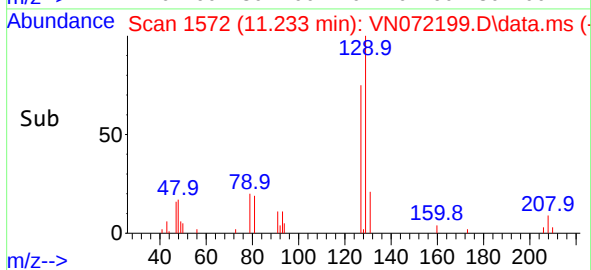
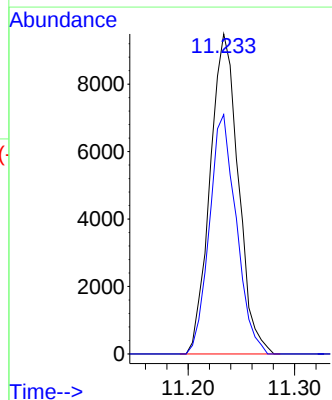
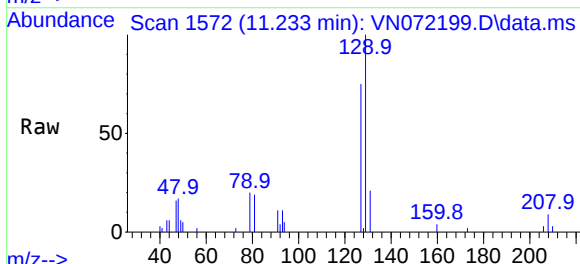
Manual Integrations
APPROVED

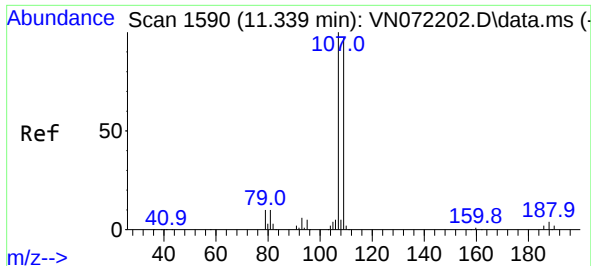
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#60
Dibromochloromethane
Concen: 5.541 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:129 Resp: 17481
Ion Ratio Lower Upper
129 100
127 71.1 38.8 116.4





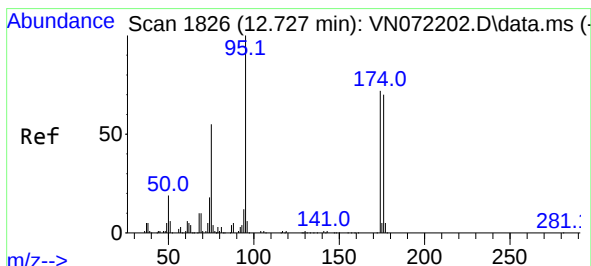
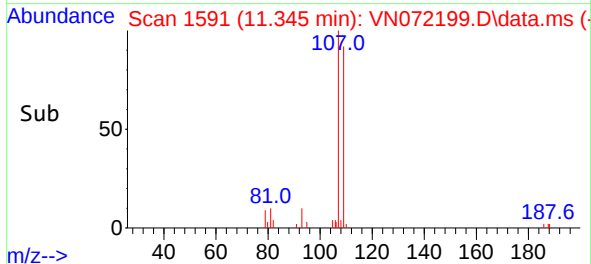
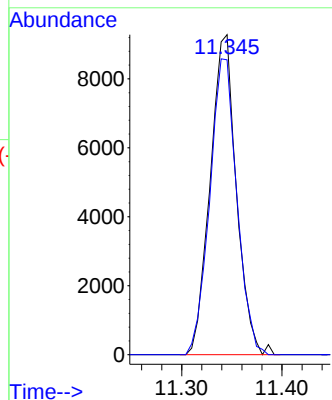
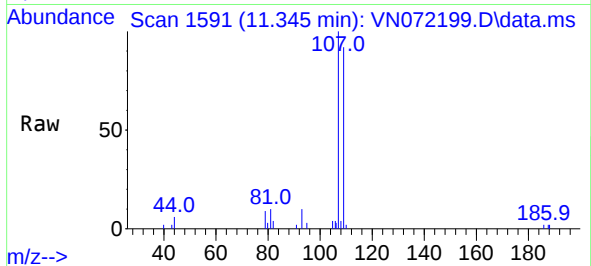
#61
1,2-Dibromoethane
Concen: 5.321 ug/l
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1685
Ion Ratio Lower Upper
107 100
109 95.5 75.0 112.6

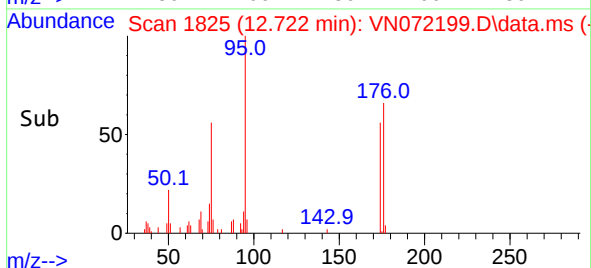
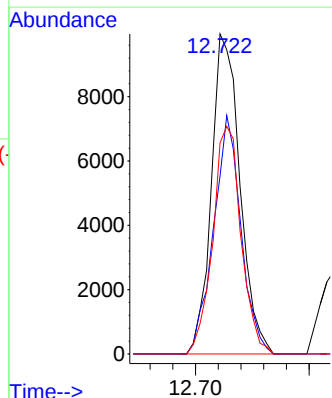
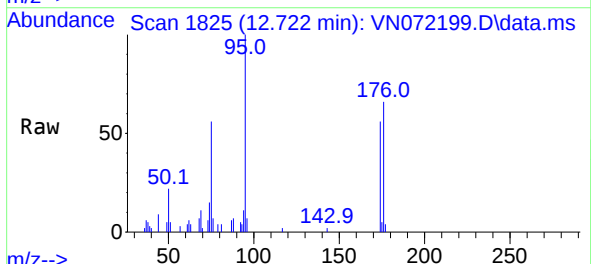
Manual Integrations
APPROVED

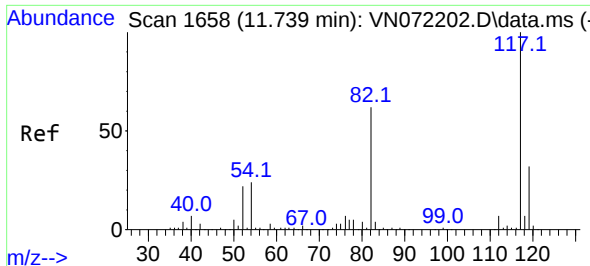
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#62
4-Bromofluorobenzene
Concen: 4.611 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion: 95 Resp: 17326
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 70.6 0.0 163.4





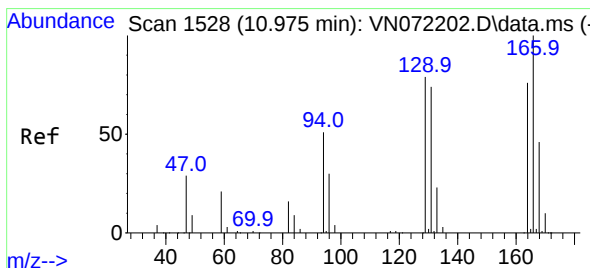
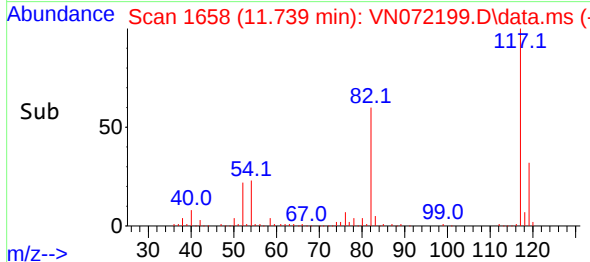
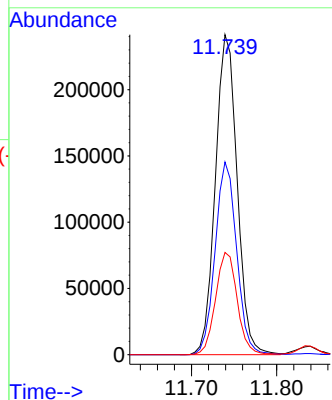
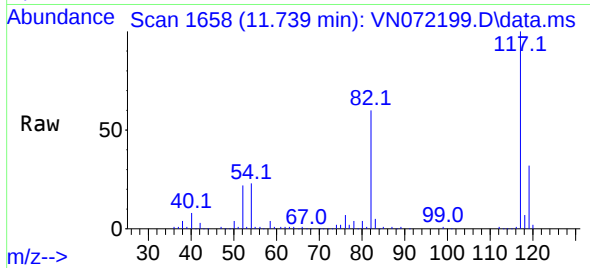
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 42890
Ion Ratio Lower Upper
117 100
82 60.2 44.2 66.2
119 31.9 25.4 38.0

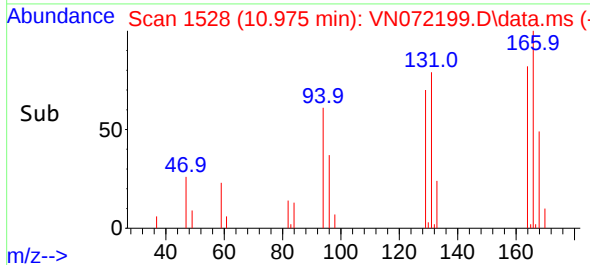
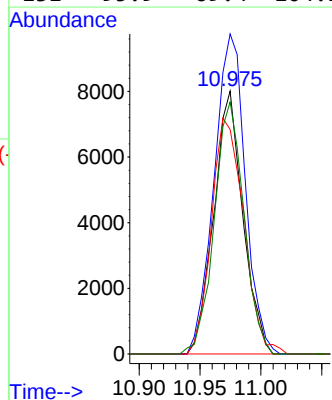
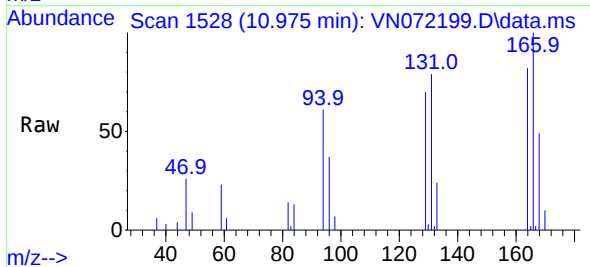
Manual Integrations
APPROVED

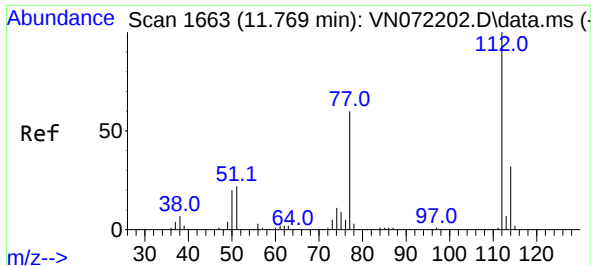
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#64
Tetrachloroethene
Concen: 4.824 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

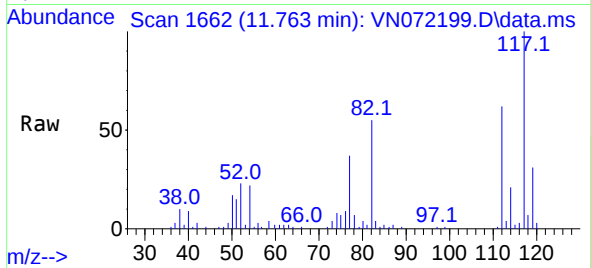
Tgt Ion:164 Resp: 13350
Ion Ratio Lower Upper
164 100
166 121.8 104.2 156.2
129 85.4 73.9 110.9
131 95.9 69.4 104.2





#65
Chlorobenzene
Concen: 5.024 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

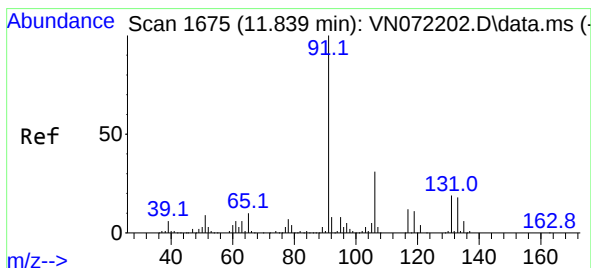
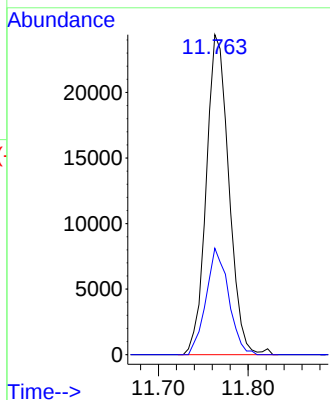
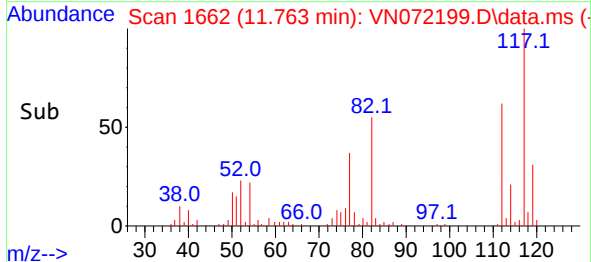
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



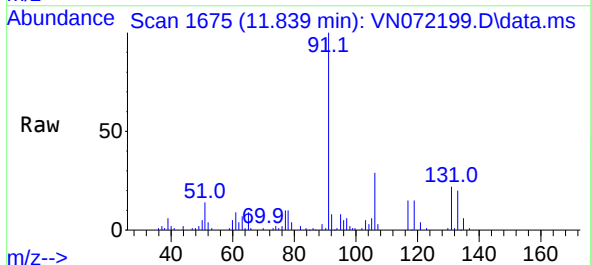
Tgt Ion:112 Resp: 42719
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

Manual Integrations
APPROVED

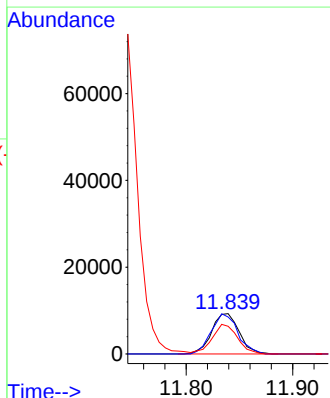
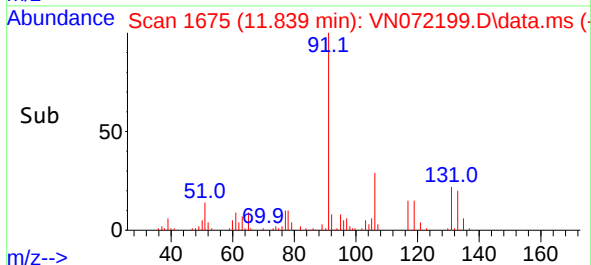
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

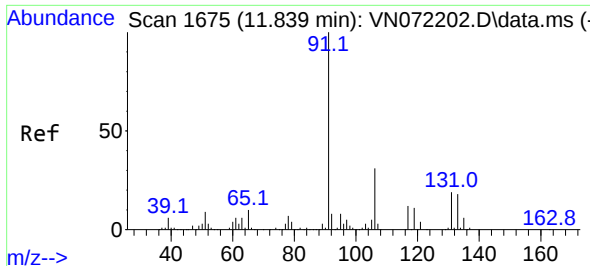


#66
1,1,1,2-Tetrachloroethane
Concen: 5.378 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



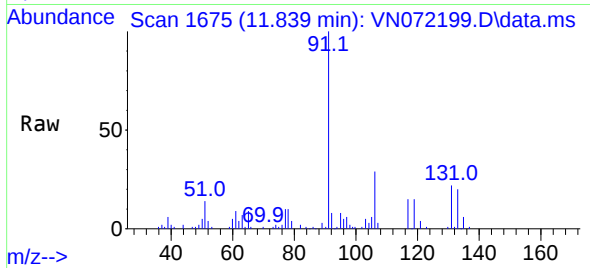
Tgt Ion:131 Resp: 16639
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 67.6 33.4 100.2





#67
Ethyl Benzene
Concen: 5.183 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

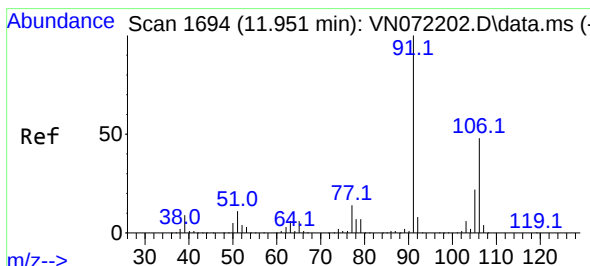
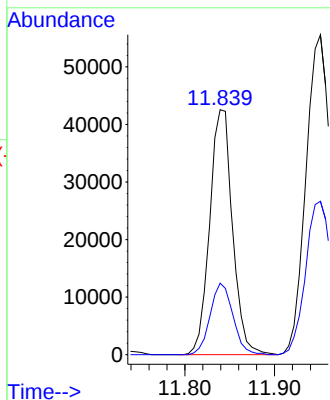
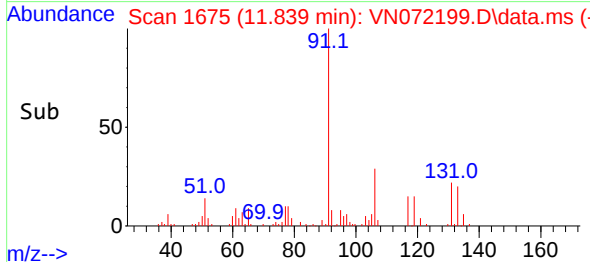
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



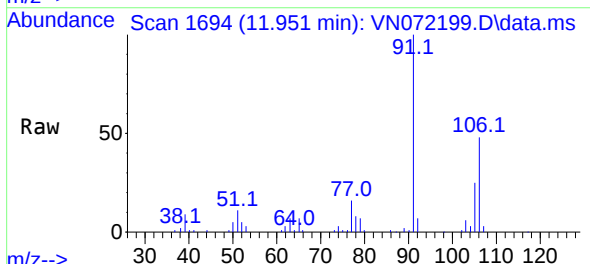
Tgt Ion: 91 Resp: 75280
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

Manual Integrations
APPROVED

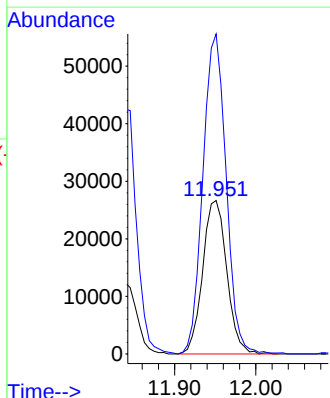
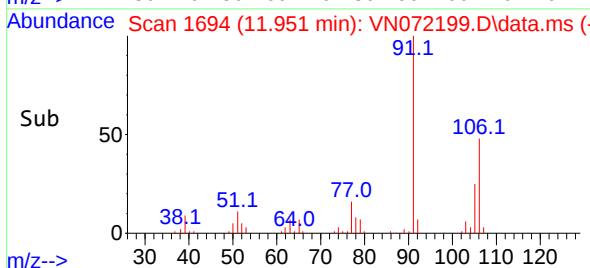
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

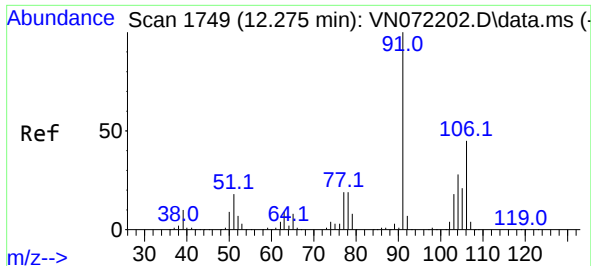


#68
m/p-Xylenes
Concen: 9.941 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion:106 Resp: 55055
Ion Ratio Lower Upper
106 100
91 200.5 158.9 238.3





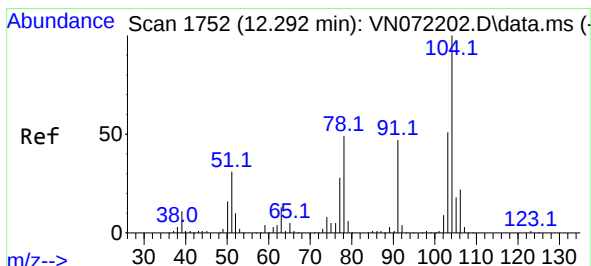
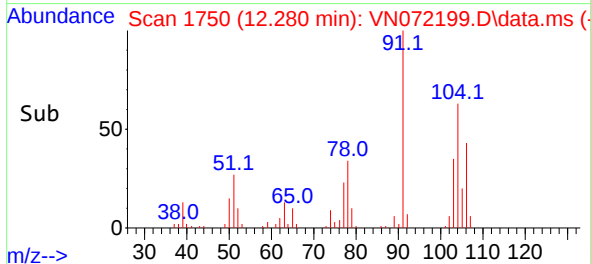
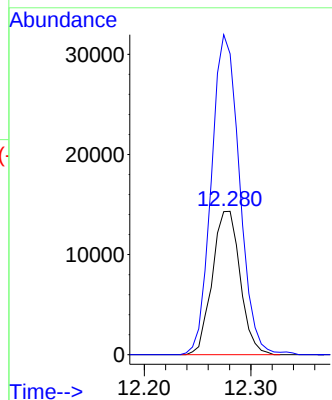
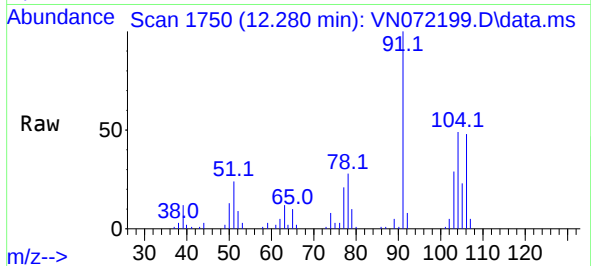
#69
o-Xylene
Concen: 4.723 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 2597
Ion Ratio Lower Upper
106 100
91 226.0 106.0 318.0

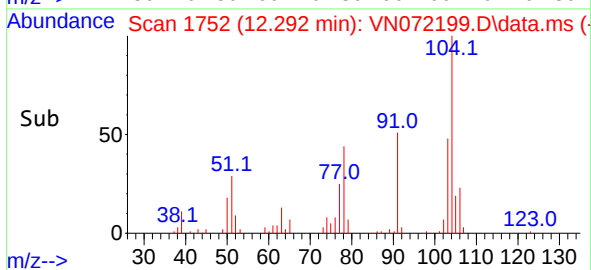
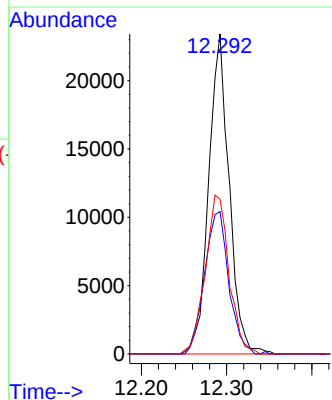
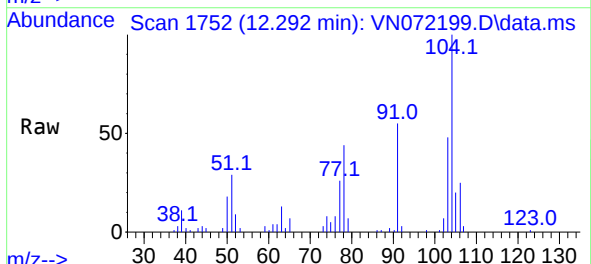
Manual Integrations
APPROVED

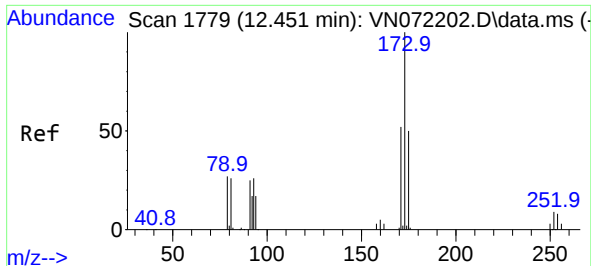
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#70
Styrene
Concen: 4.685 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:104 Resp: 39026
Ion Ratio Lower Upper
104 100
78 53.0 39.5 59.3
103 57.7 44.0 66.0





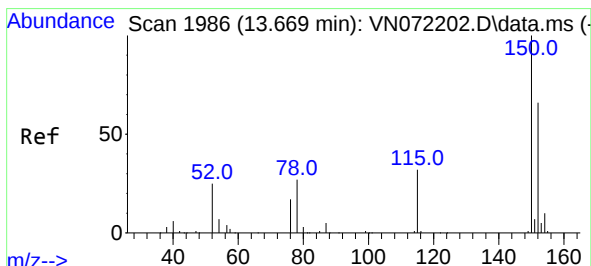
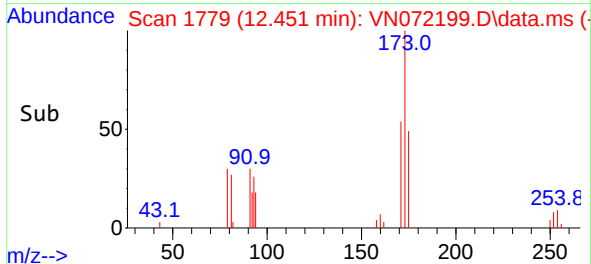
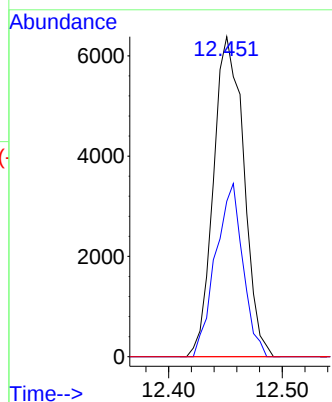
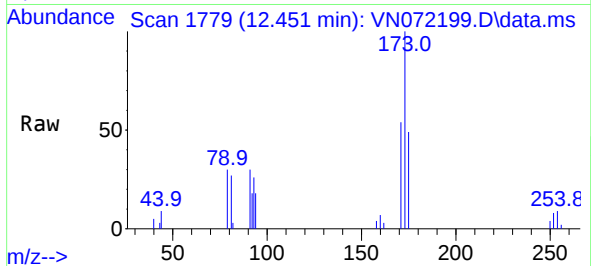
#71
Bromoform
Concen: 5.081 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 1180
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.1 0.1

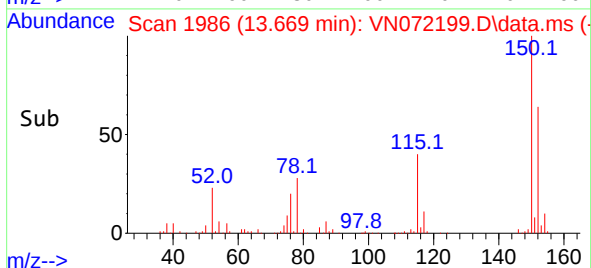
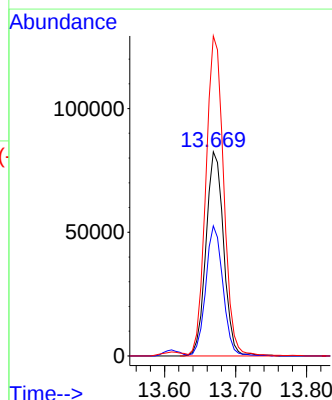
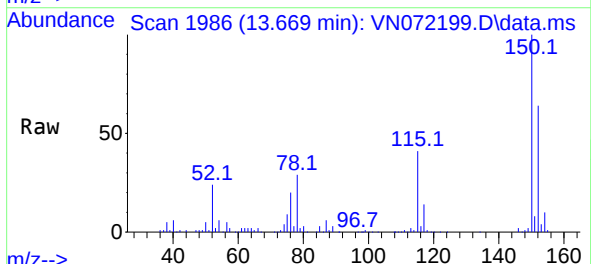
Manual Integrations
APPROVED

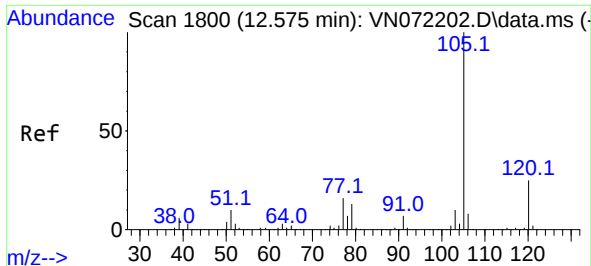
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:152 Resp: 142785
Ion Ratio Lower Upper
152 100
115 62.1 28.9 86.7
150 157.1 0.0 356.2





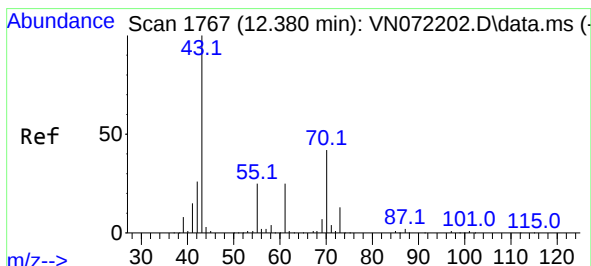
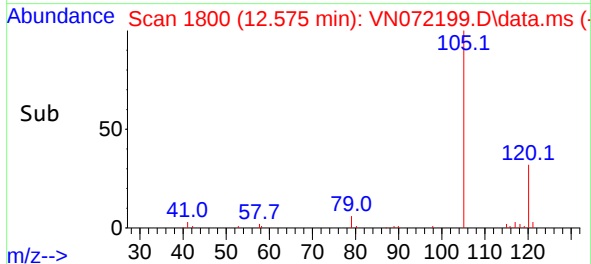
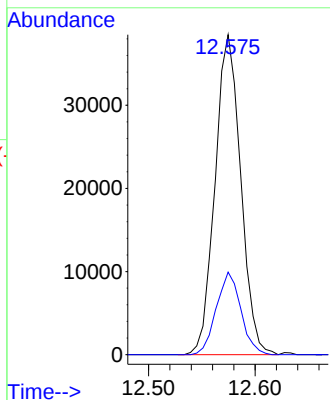
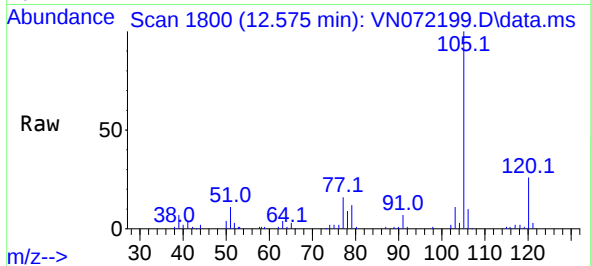
#73
Isopropylbenzene
Concen: 5.330 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 6435
Ion Ratio Lower Upper
105 100
120 24.7 13.5 40.4

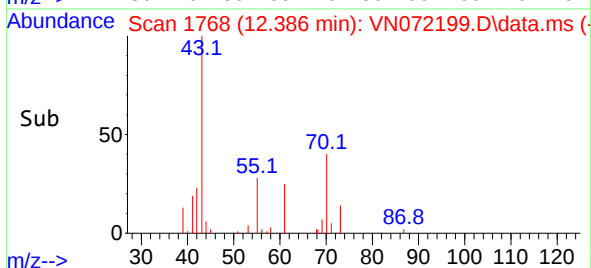
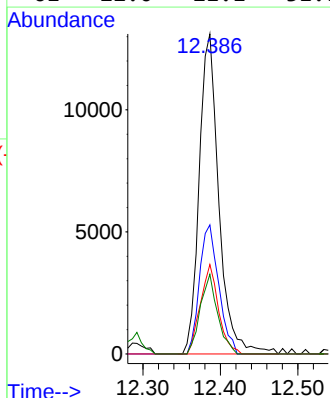
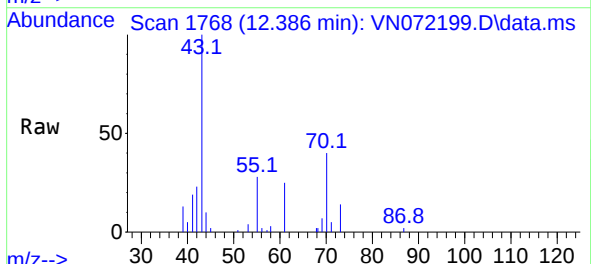
Manual Integrations
APPROVED

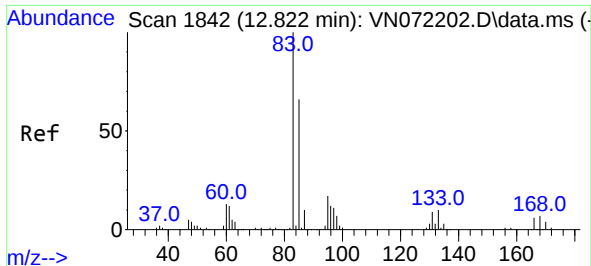
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#74
N-ethyl acetate
Concen: 6.430 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

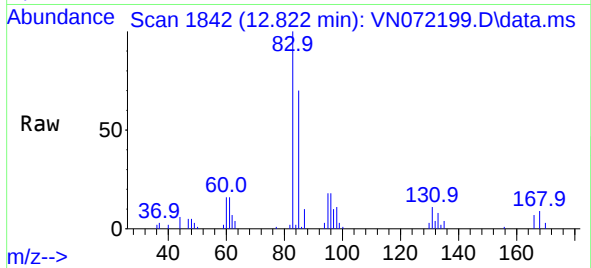
Tgt Ion: 43 Resp: 23112
Ion Ratio Lower Upper
43 100
70 39.4 39.0 58.4
55 25.7 21.1 31.7
61 22.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 6.212 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

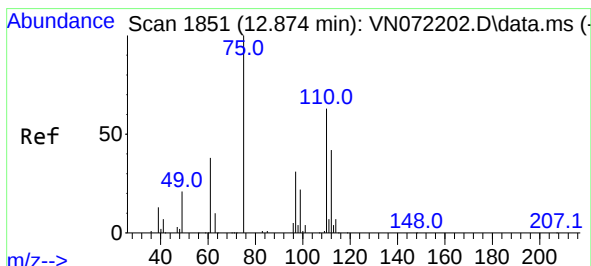
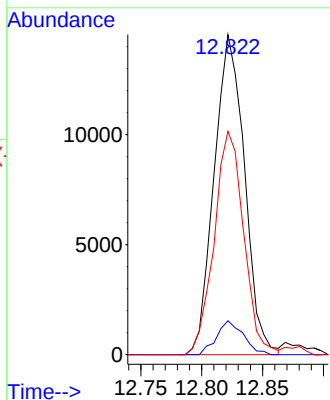
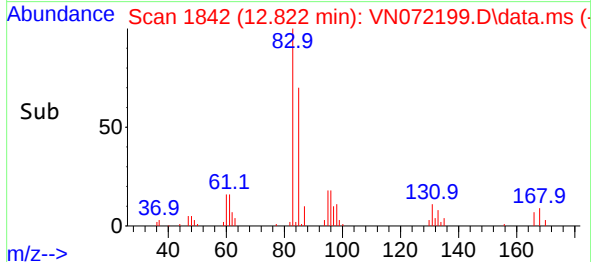
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



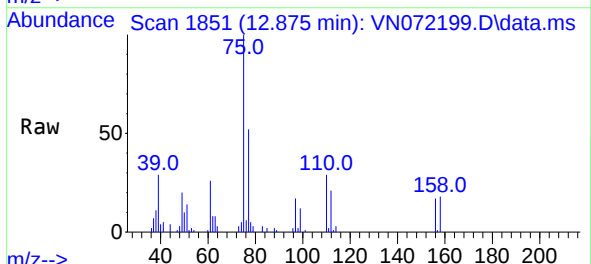
Tgt Ion: 83 Resp: 25239
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 67.8 32.3 96.9

Manual Integrations
APPROVED

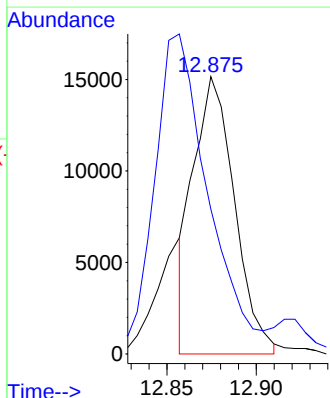
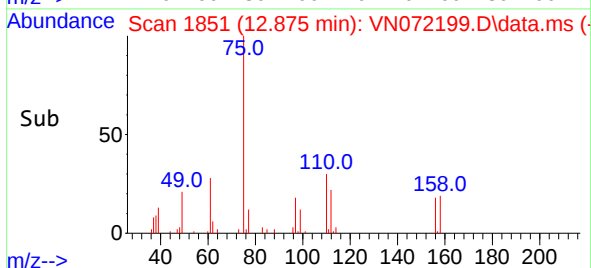
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

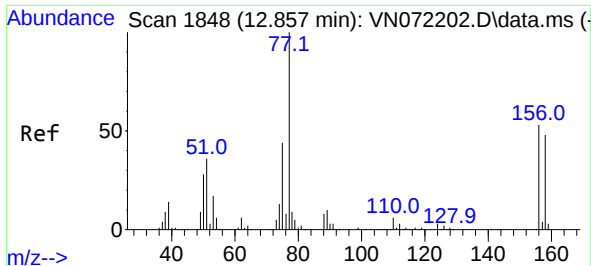


#76
1,2,3-Trichloropropane
Concen: 7.114 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



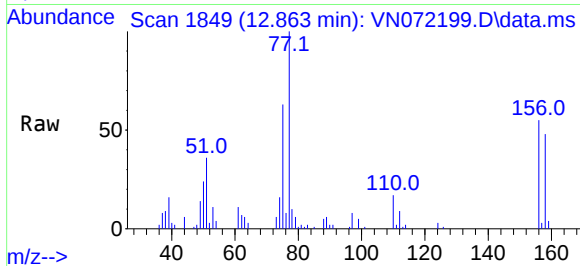
Tgt Ion: 75 Resp: 24215
Ion Ratio Lower Upper
75 100
77 150.7 98.5 295.5





#77
Bromobenzene
Concen: 5.158 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

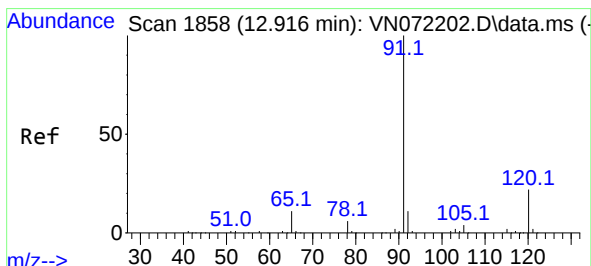
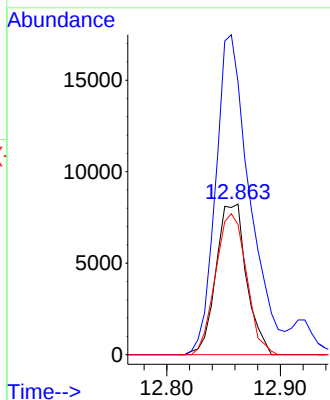
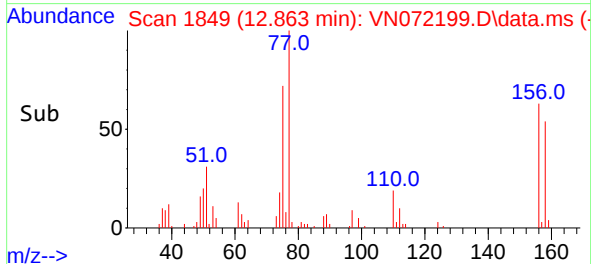
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



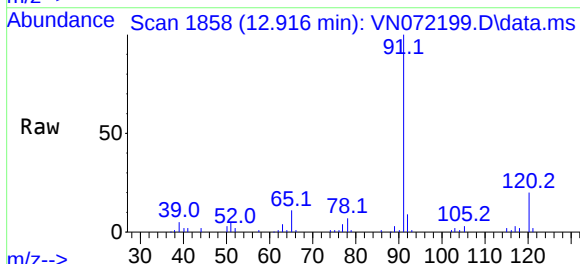
Tgt Ion:156 Resp: 1534
Ion Ratio Lower Upper
156 100
77 237.8 100.5 301.5
158 95.1 48.9 146.6

Manual Integrations
APPROVED

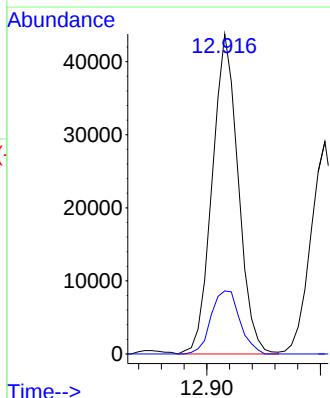
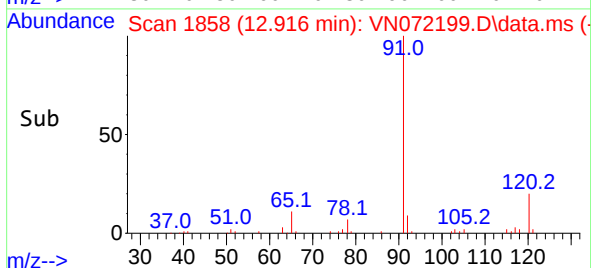
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

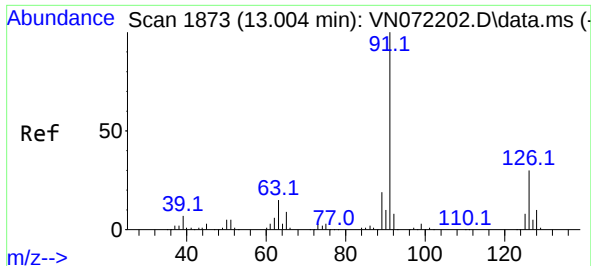


#78
n-propylbenzene
Concen: 5.456 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



Tgt Ion: 91 Resp: 69645
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5





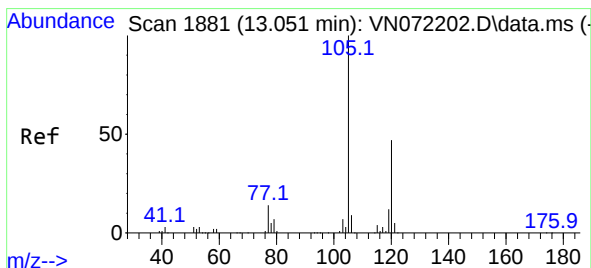
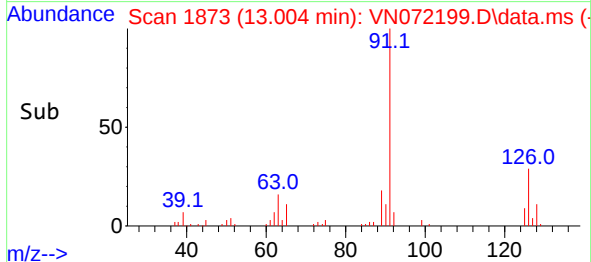
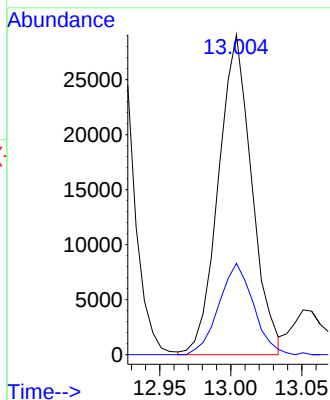
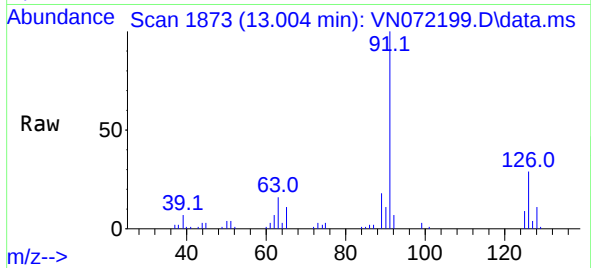
#79
2-Chlorotoluene
Concen: 5.781 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4747
Ion Ratio Lower Upper
91 100
126 29.6 17.3 51.9

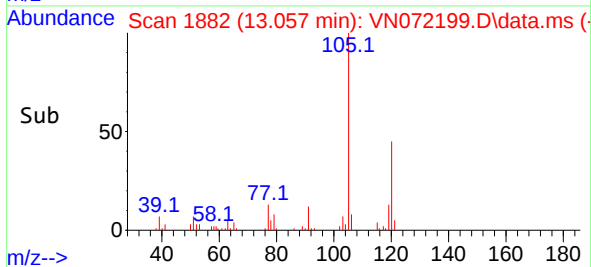
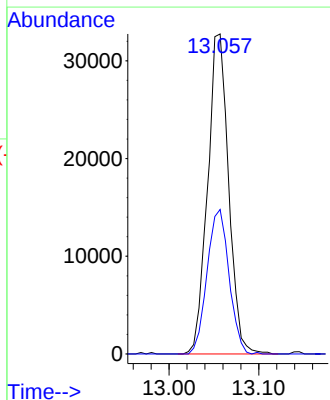
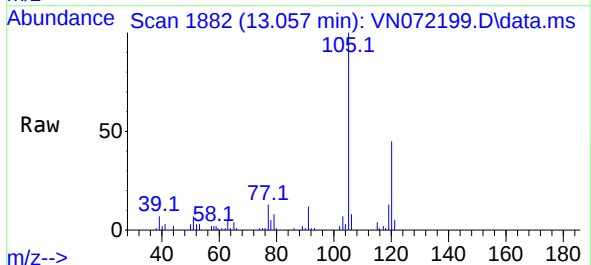
Manual Integrations
APPROVED

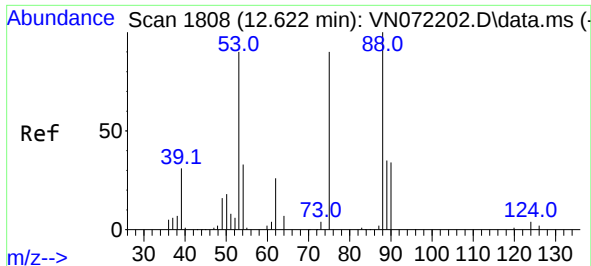
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.532 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

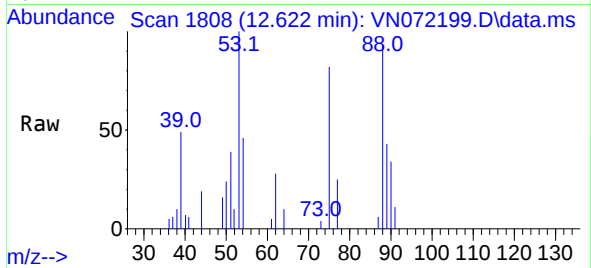
Tgt Ion:105 Resp: 53305
Ion Ratio Lower Upper
105 100
120 47.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 5.547 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

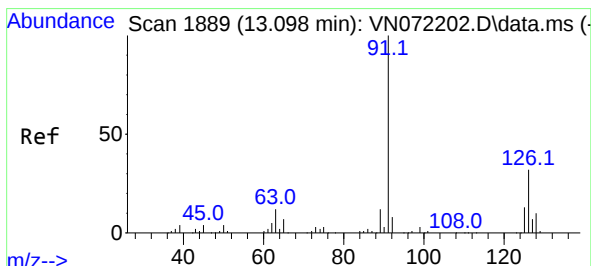
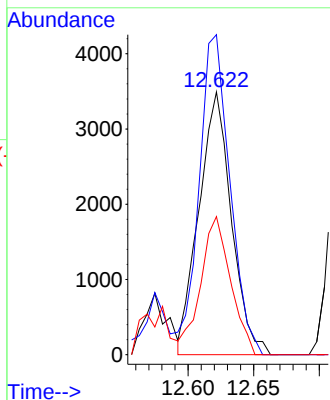
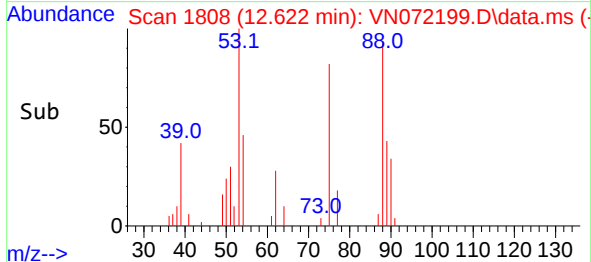
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



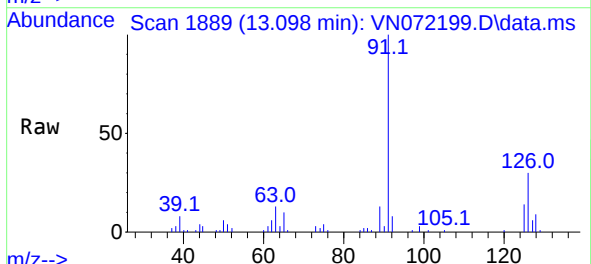
Tgt Ion: 75 Resp: 601
Ion Ratio Lower Upper
75 100
53 116.7 78.0 117.0
89 48.5 37.2 55.8

Manual Integrations
APPROVED

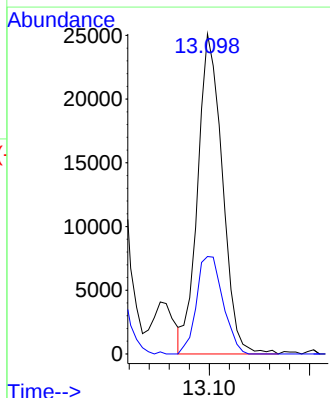
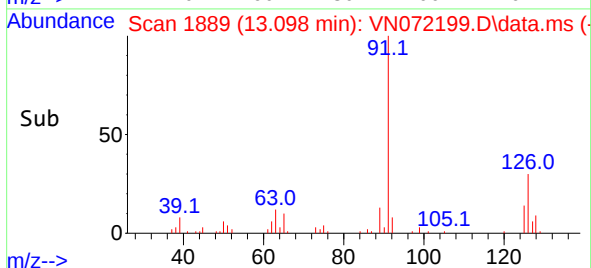
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

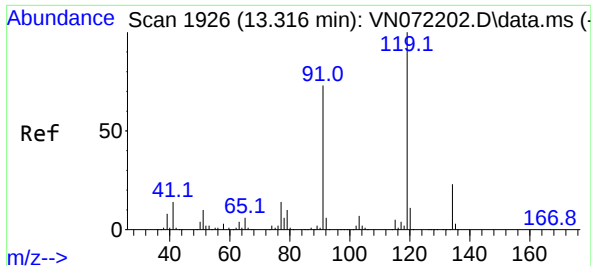


#82
4-Chlorotoluene
Concen: 5.637 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



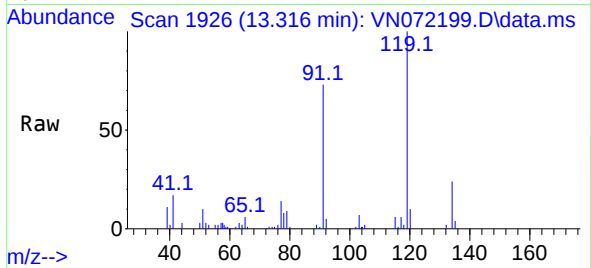
Tgt Ion: 91 Resp: 42926
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 5.468 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

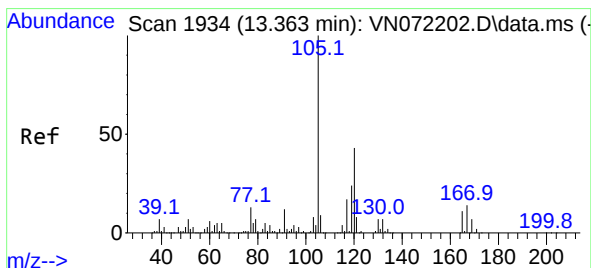
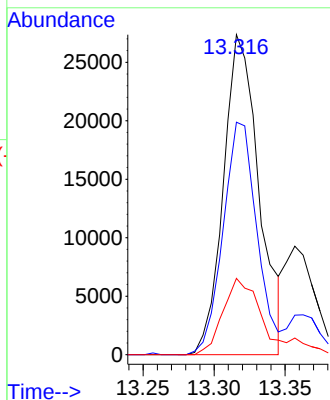
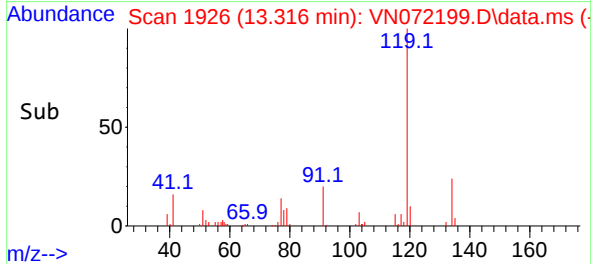
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



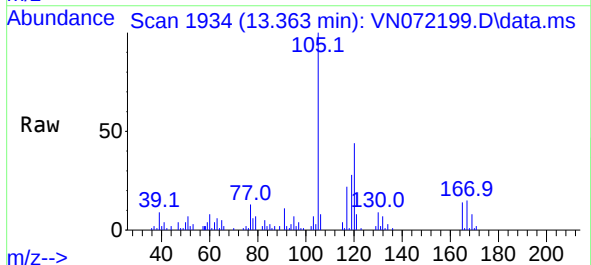
Tgt Ion:119 Resp: 47738
Ion Ratio Lower Upper
119 100
91 68.9 31.6 94.8
134 27.7 13.7 41.1

Manual Integrations
APPROVED

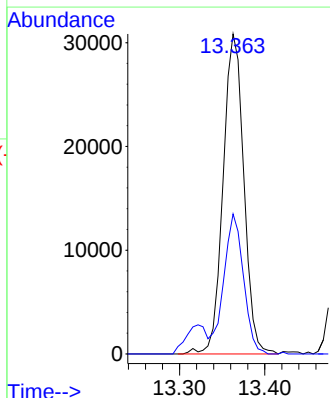
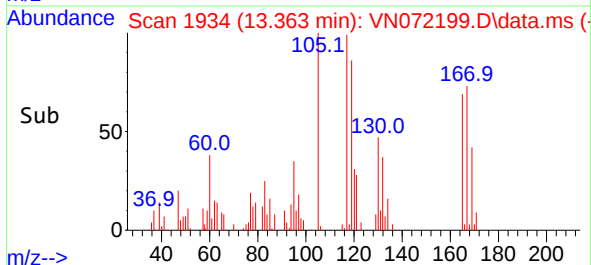
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

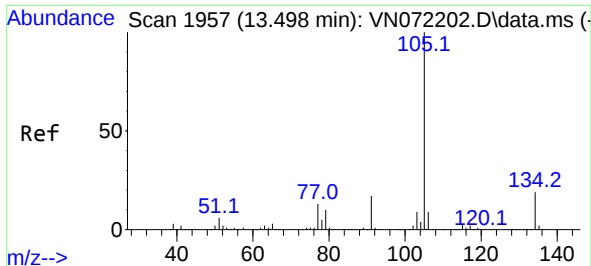


#84
1,2,4-Trimethylbenzene
Concen: 5.544 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13



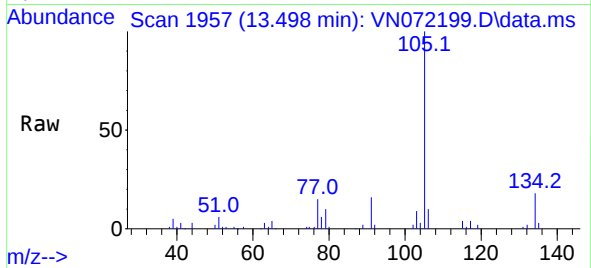
Tgt Ion:105 Resp: 52208
Ion Ratio Lower Upper
105 100
120 41.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 5.319 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072199.D
 Acq: 26 Apr 2022 15:13

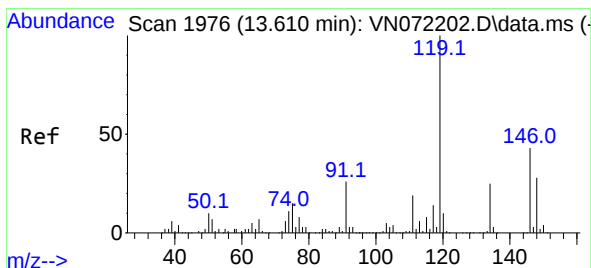
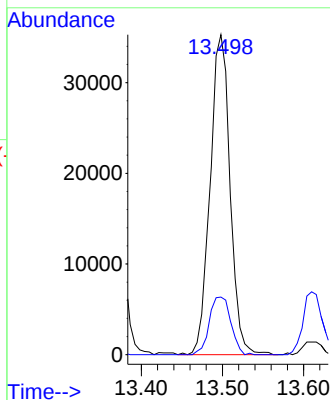
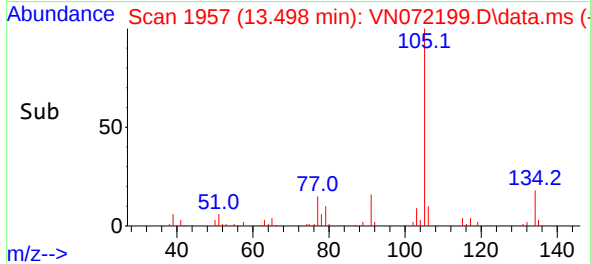
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



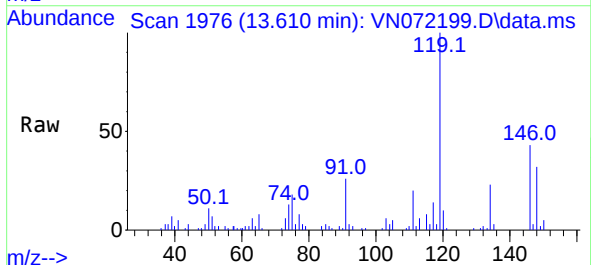
Tgt Ion:105 Resp: 6028
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
 APPROVED

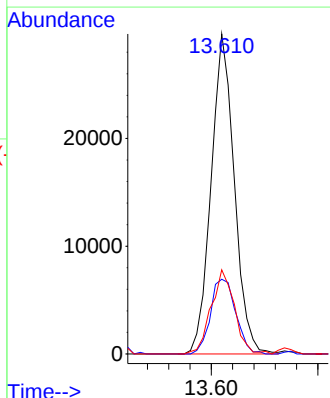
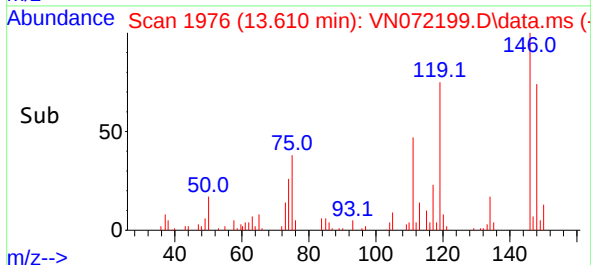
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

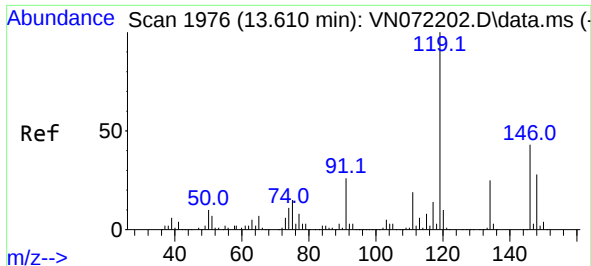


#86
 p-Isopropyltoluene
 Concen: 4.983 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072199.D
 Acq: 26 Apr 2022 15:13



Tgt Ion:119 Resp: 44943
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 26.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 5.056 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 24054

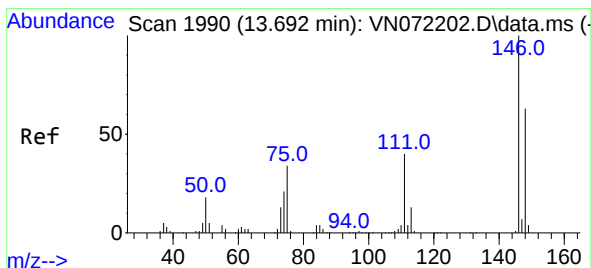
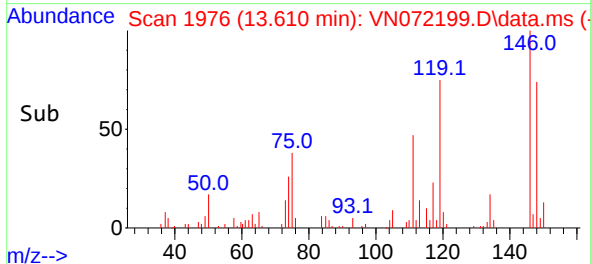
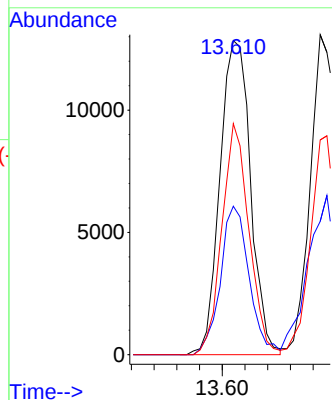
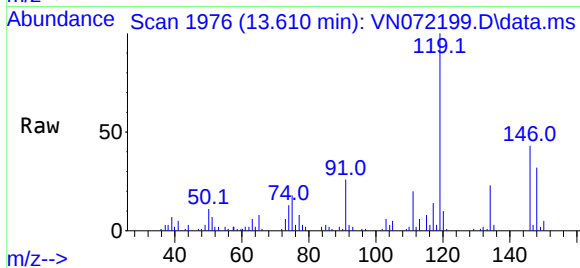
Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.0	60.0
148	65.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#88

1,4-Dichlorobenzene

Concen: 5.014 ug/l

RT: 13.686 min Scan# 1989

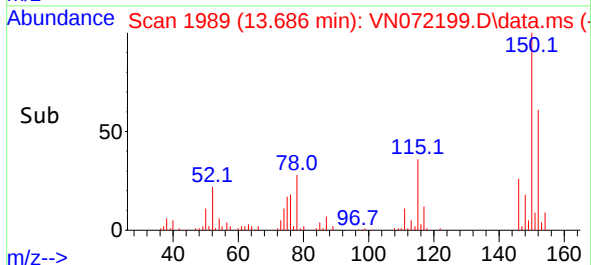
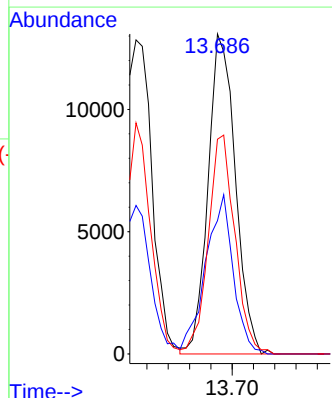
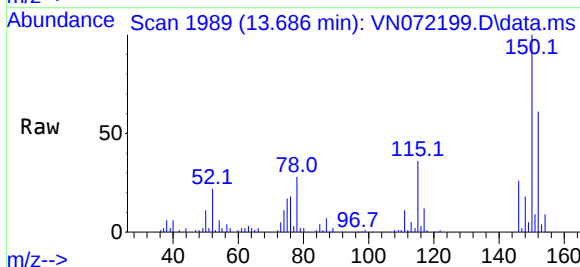
Delta R.T. -0.006 min

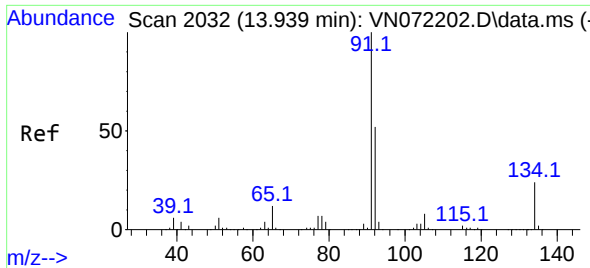
Lab File: VN072199.D

Acq: 26 Apr 2022 15:13

Tgt Ion:146 Resp: 23265

Ion	Ratio	Lower	Upper
146	100		
111	50.5	19.1	57.1
148	67.0	31.4	94.3





#89
n-Butylbenzene
Concen: 4.812 ug/l
RT: 13.933 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

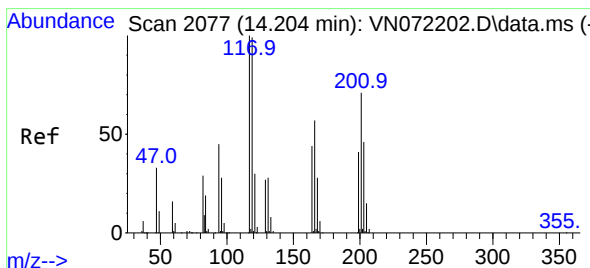
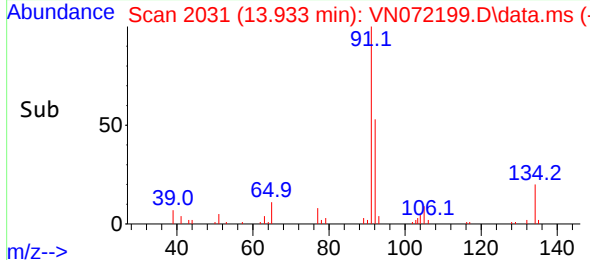
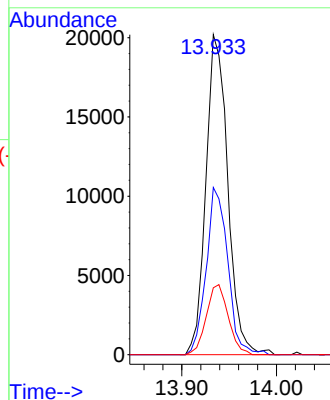
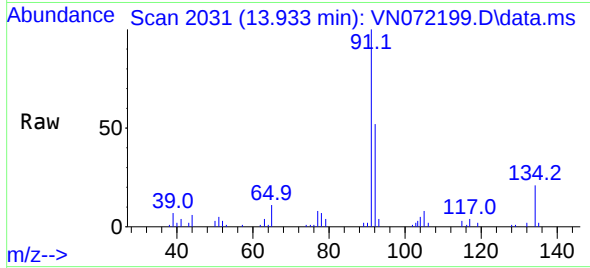
VSTDICC005

Tgt Ion: 91 Resp: 32454
Ion Ratio Lower Upper
91 100
92 51.6 26.9 80.7
134 22.0 13.6 40.8

Manual Integrations

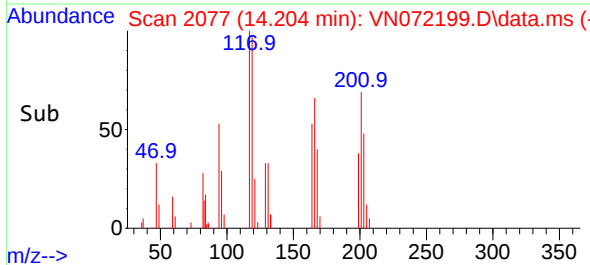
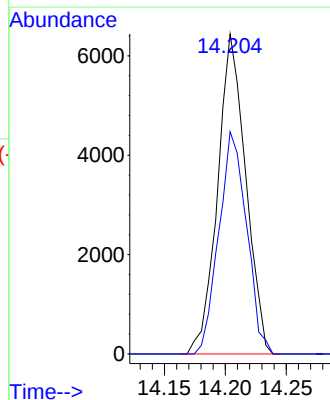
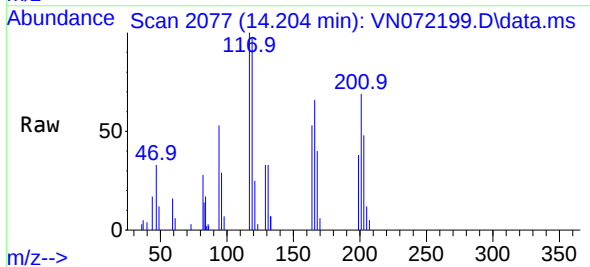
APPROVED

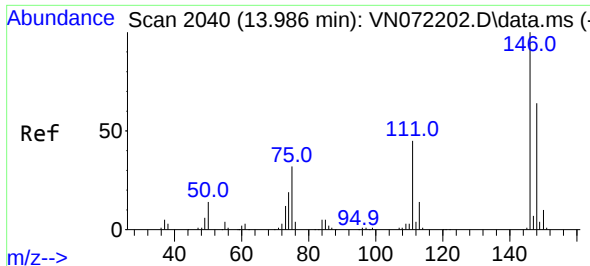
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#90
Hexachloroethane
Concen: 6.218 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:117 Resp: 10345
Ion Ratio Lower Upper
117 100
201 68.5 40.6 122.0





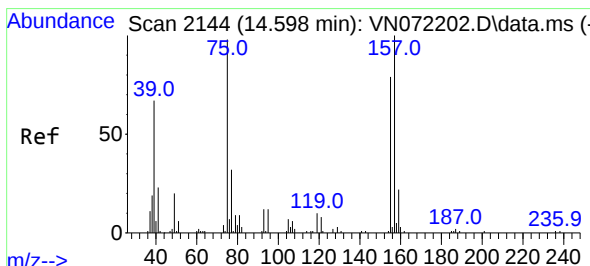
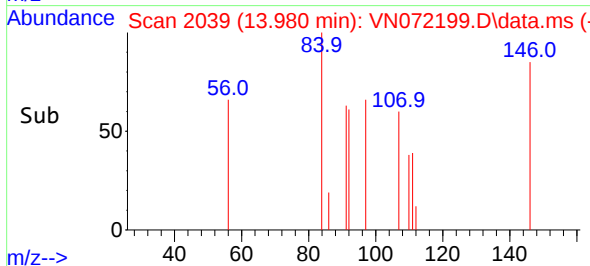
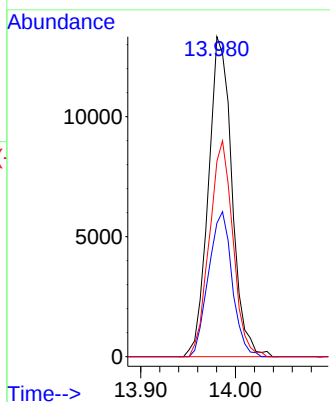
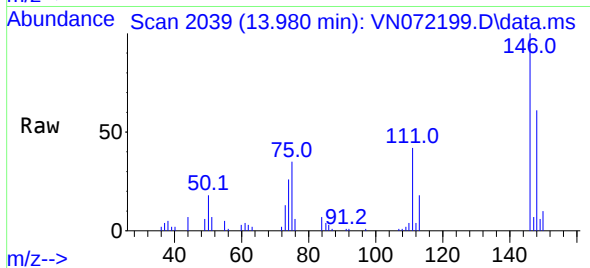
#91
1,2-Dichlorobenzene
Concen: 4.914 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2300
Ion Ratio Lower Upper
146 100
111 45.5 20.9 62.8
148 67.3 32.1 96.3

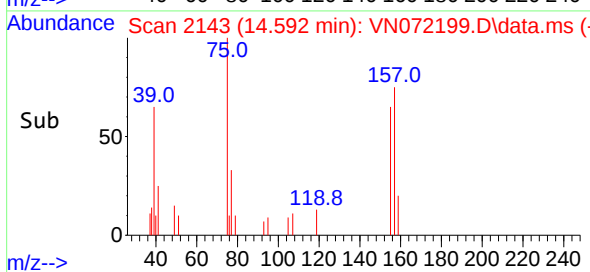
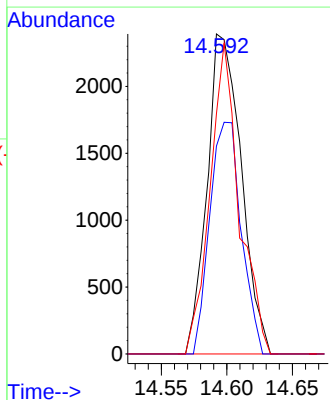
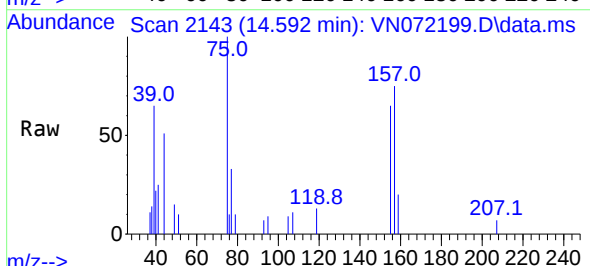
Manual Integrations
APPROVED

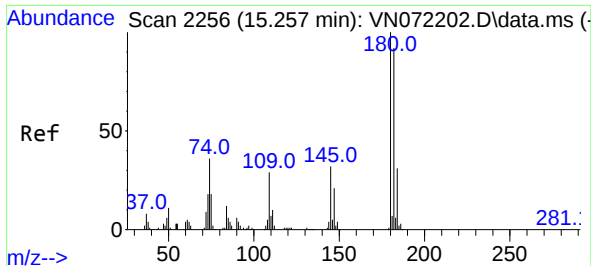
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.679 ug/l
RT: 14.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion: 75 Resp: 4334
Ion Ratio Lower Upper
75 100
155 66.5 44.9 134.5
157 83.0 59.0 176.8





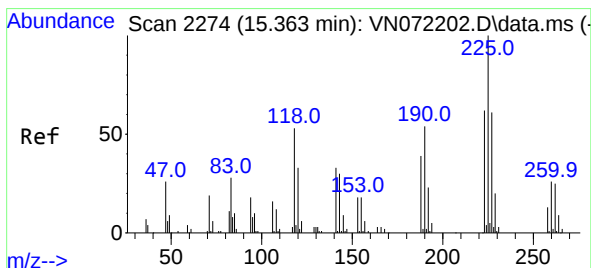
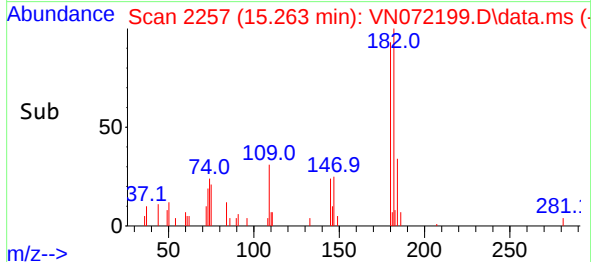
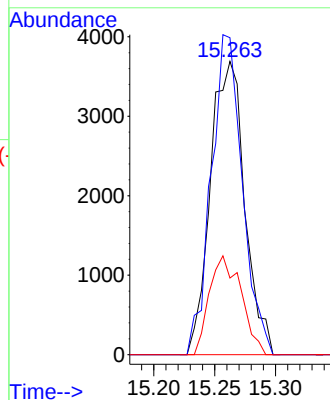
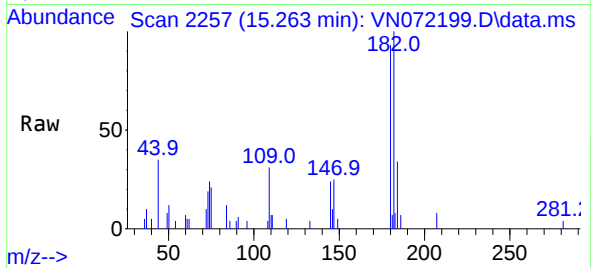
#93
1,2,4-Trichlorobenzene
Concen: 3.985 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 724
Ion Ratio Lower Upper
180 100
182 99.3 47.5 142.5
145 31.2 14.5 43.5

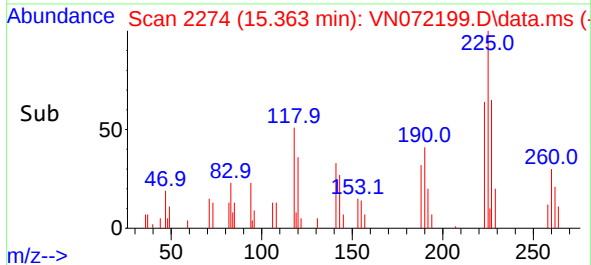
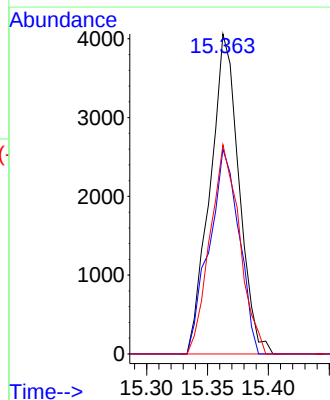
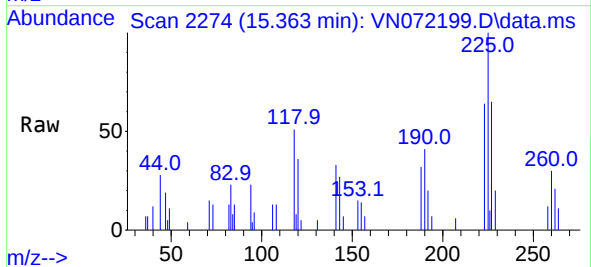
Manual Integrations
APPROVED

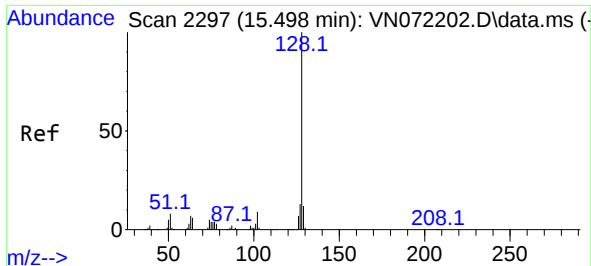
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#94
Hexachlorobutadiene
Concen: 4.953 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:225 Resp: 6708
Ion Ratio Lower Upper
225 100
223 66.3 32.4 97.2
227 66.9 31.8 95.4





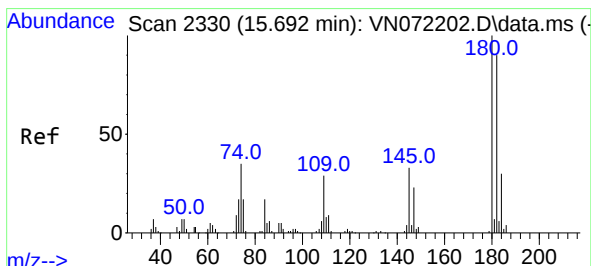
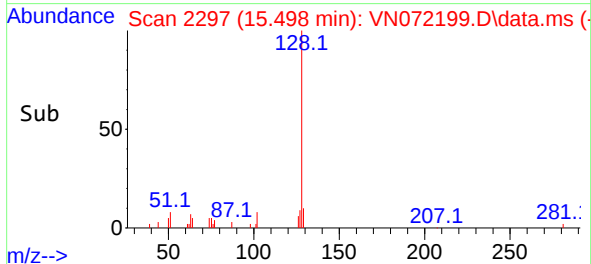
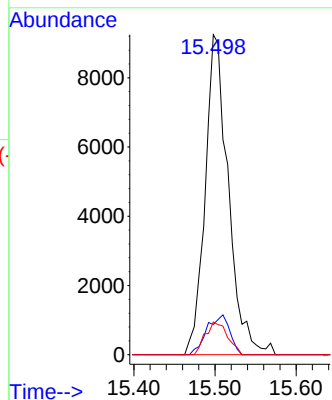
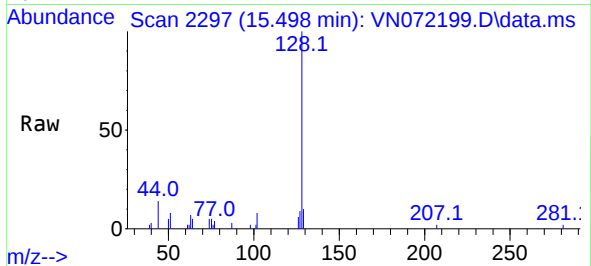
#95
Naphthalene
Concen: 4.005 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 1836
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 9.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.281 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN072199.D
Acq: 26 Apr 2022 15:13

Tgt Ion:180 Resp: 7248
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 38.5 15.5 46.5

