

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072433.D
 Acq On : 11 May 2022 22:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 12 02:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	204167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	327876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	306224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	136416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	147851	47.280	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.560%		
35) Dibromofluoromethane	8.016	113	106500	48.823	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.640%		
50) Toluene-d8	10.439	98	387047	46.589	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.727	95	138718	50.278	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	115232	45.255	ug/l	100
3) Chloromethane	2.299	50	103571	43.283	ug/l	100
4) Vinyl Chloride	2.440	62	80128	36.957	ug/l	99
5) Bromomethane	2.828	94	56392	43.686	ug/l	92
6) Chloroethane	2.999	64	52712	46.300	ug/l	95
7) Trichlorofluoromethane	3.369	101	197891	49.246	ug/l	96
8) Diethyl Ether	3.828	74	66474	45.854	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	100489	45.829	ug/l	97
10) Methyl Iodide	4.422	142	132612	45.624	ug/l #	86
11) Tert butyl alcohol	5.375	59	122663	239.890	ug/l	100
12) 1,1-Dichloroethene	4.181	96	91084	44.333	ug/l	87
13) Acrolein	4.040	56	102663	205.210	ug/l	97
14) Allyl chloride	4.840	41	165839	43.354	ug/l	93
15) Acrylonitrile	5.545	53	319543	229.975	ug/l	98
16) Acetone	4.281	43	294775	238.018	ug/l	93
17) Carbon Disulfide	4.534	76	230079	43.180	ug/l	99
18) Methyl Acetate	4.851	43	162502	44.565	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	365105	49.175	ug/l	96
20) Methylene Chloride	5.093	84	108472	42.717	ug/l	85
21) trans-1,2-Dichloroethene	5.593	96	96610	44.945	ug/l	99
22) Diisopropyl ether	6.492	45	342497	44.062	ug/l	97
23) Vinyl Acetate	6.428	43	1526336	234.678	ug/l	95
24) 1,1-Dichloroethane	6.387	63	201285	45.889	ug/l	99
25) 2-Butanone	7.334	43	443818	227.064	ug/l	96
26) 2,2-Dichloropropane	7.322	77	156695	42.510	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	117125	45.324	ug/l	94
28) Bromochloromethane	7.651	49	85274	45.786	ug/l	88
29) Tetrahydrofuran	7.681	42	290861	228.969	ug/l	93
30) Chloroform	7.816	83	217907	48.831	ug/l	96
31) Cyclohexane	8.092	56	173775	41.937	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	204408	49.941	ug/l	99
36) 1,1-Dichloropropene	8.222	75	149479	47.711	ug/l	97
37) Ethyl Acetate	7.410	43	178345	47.445	ug/l	97
38) Carbon Tetrachloride	8.204	117	179560	51.208	ug/l	97
39) Methylcyclohexane	9.457	83	170857	48.523	ug/l	93
40) Benzene	8.457	78	433520	46.319	ug/l	99

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 Supervised By : Mahesh Dadoda 05/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	81405	43.736	ug/l	# 89
42) 1,2-Dichloroethane	8.528	62	188256	50.044	ug/l	95
43) Isopropyl Acetate	8.557	43	296292	51.317	ug/l	94
44) Trichloroethene	9.210	130	110669	46.579	ug/l	99
45) 1,2-Dichloropropane	9.486	63	110816	46.363	ug/l	94
46) Dibromomethane	9.575	93	81472	48.953	ug/l	93
47) Bromodichloromethane	9.757	83	172011	50.697	ug/l	98
48) Methyl methacrylate	9.557	41	138021	51.236	ug/l	88
49) 1,4-Dioxane	9.569	88	51961	1130.759	ug/l	# 93
51) 4-Methyl-2-Pentanone	10.328	43	907753	253.192	ug/l	93
52) Toluene	10.504	92	281241	48.732	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	182171	52.748	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	186827	50.703	ug/l	# 91
55) 1,1,2-Trichloroethane	10.892	97	113676	47.282	ug/l	98
56) Ethyl methacrylate	10.757	69	187118	54.305	ug/l	90
57) 1,3-Dichloropropane	11.039	76	200286	48.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	292461	309.542	ug/l	98
59) 2-Hexanone	11.080	43	668345	265.859	ug/l	91
60) Dibromochloromethane	11.233	129	135621	53.103	ug/l	99
61) 1,2-Dibromoethane	11.339	107	122523	51.137	ug/l	98
64) Tetrachloroethene	10.975	164	99700	45.232	ug/l	98
65) Chlorobenzene	11.763	112	298783	47.756	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	123644	49.375	ug/l	97
67) Ethyl Benzene	11.839	91	559070	51.791	ug/l	97
68) m/p-Xylenes	11.951	106	416000	101.610	ug/l	92
69) o-Xylene	12.274	106	209657	52.120	ug/l	95
70) Styrene	12.292	104	335516	54.521	ug/l	96
71) Bromoform	12.451	173	99469	53.848	ug/l	# 100
73) Isopropylbenzene	12.574	105	551290	48.783	ug/l	99
74) N-amyl acetate	12.380	43	197042	49.328	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	174850	42.618	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	160510m	45.112	ug/l	
77) Bromobenzene	12.857	156	127970	47.331	ug/l	96
78) n-propylbenzene	12.916	91	610461	50.481	ug/l	99
79) 2-Chlorotoluene	13.004	91	382822	48.188	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	466218	50.371	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	50723	47.559	ug/l	91
82) 4-Chlorotoluene	13.098	91	363868	48.330	ug/l	97
83) tert-Butylbenzene	13.316	119	416854	51.446	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	458298	50.901	ug/l	97
85) sec-Butylbenzene	13.498	105	544878	50.423	ug/l	99
86) p-Isopropyltoluene	13.610	119	456485	54.231	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	228391	48.980	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	217815	46.955	ug/l	98
89) n-Butylbenzene	13.939	91	339283	52.730	ug/l	98
90) Hexachloroethane	14.204	117	86502	51.426	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	225119	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39154	54.882	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	99997	56.683	ug/l	96
94) Hexachlorobutadiene	15.362	225	56284	48.186	ug/l	98
95) Naphthalene	15.504	128	312839	48.110	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	104967	59.374	ug/l	96

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MSVOA_N
ClientSampleId :
VSTDCCC050

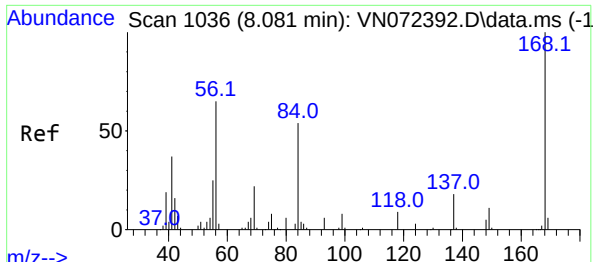
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

Quant Time: May 12 02:17:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



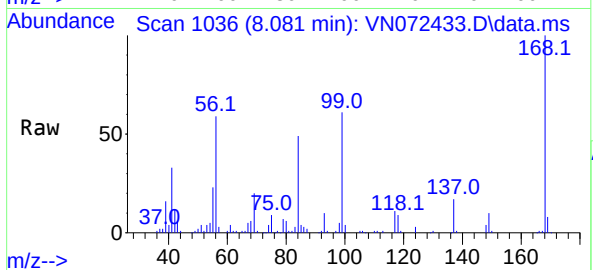
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072433.D
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VSTDCCC050

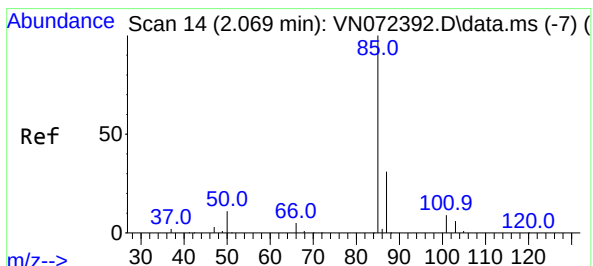
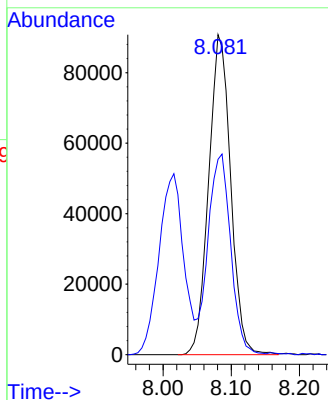
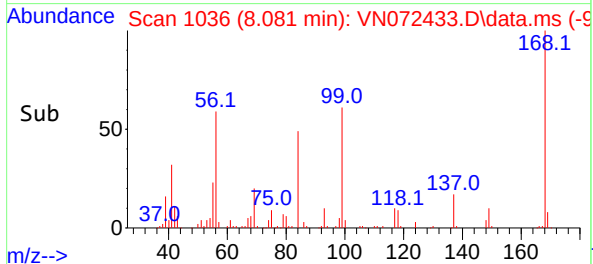


Tgt Ion:168 Resp: 20416
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5

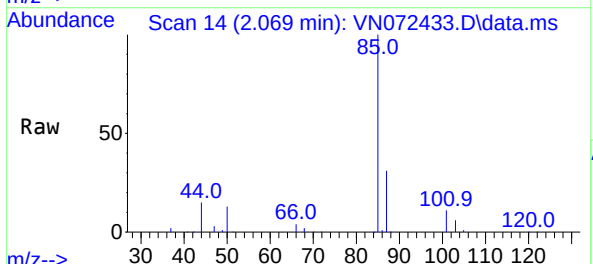
Manual Integrations

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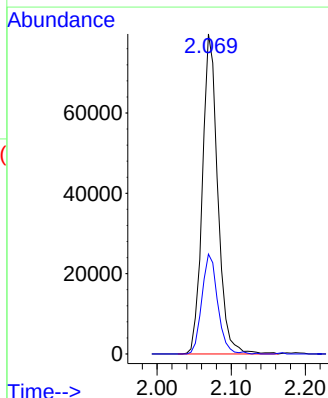
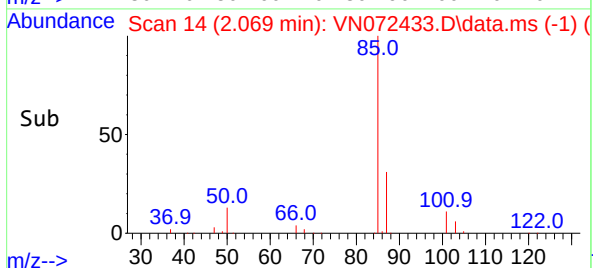
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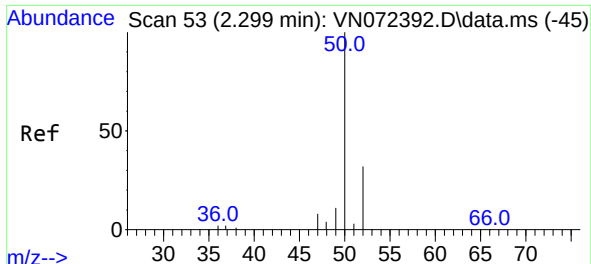


#2
Dichlorodifluoromethane
Concen: 45.255 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 85 Resp: 115232
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1





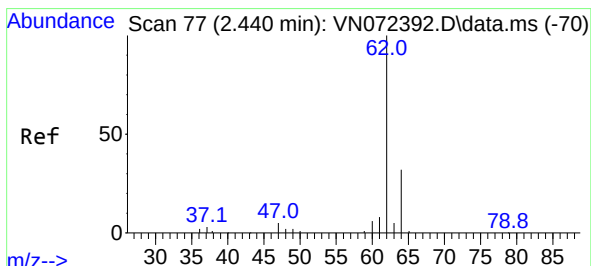
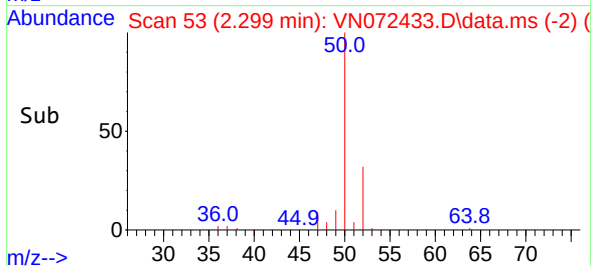
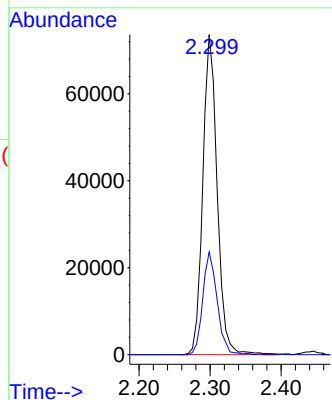
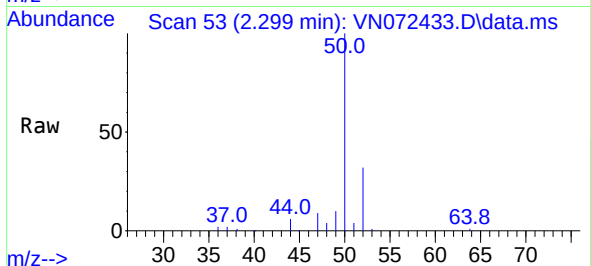
#3
Chloromethane
Concen: 43.283 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 10357
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

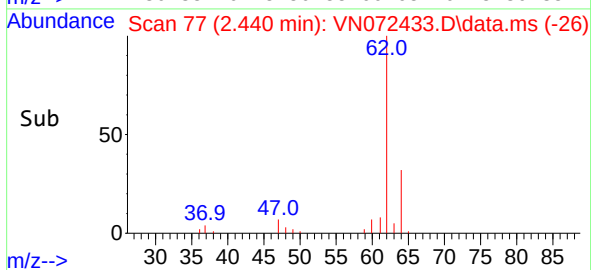
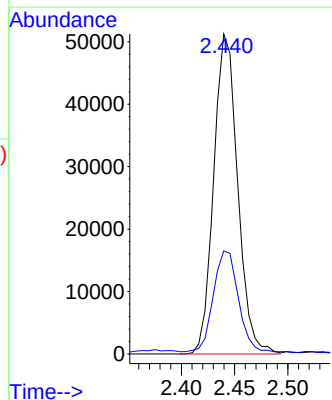
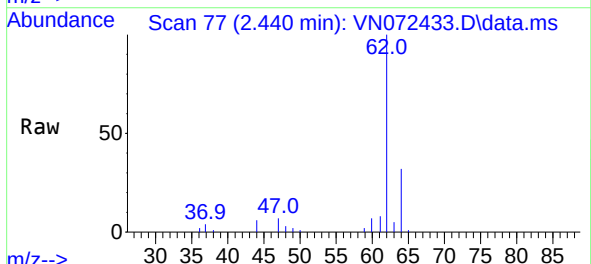
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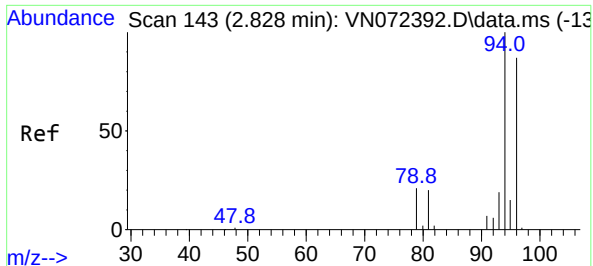
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#4
Vinyl Chloride
Concen: 36.957 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

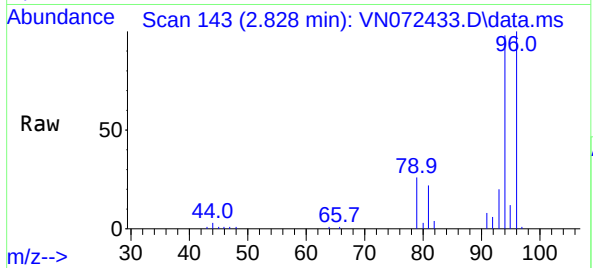
Tgt Ion: 62 Resp: 80128
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 43.686 ug/l
RT: 2.828 min Scan# 143
Delta R.T. -0.000 min
Lab File: VN072433.D
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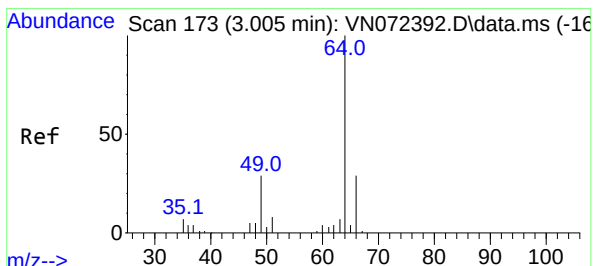
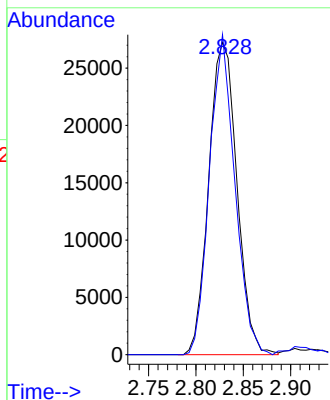
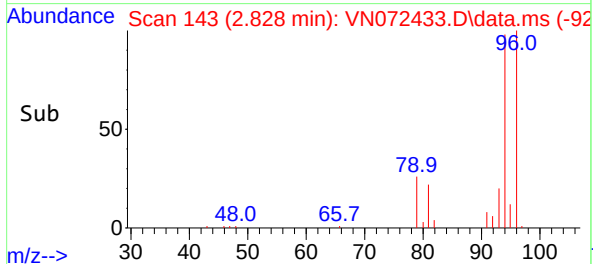
Instrument :
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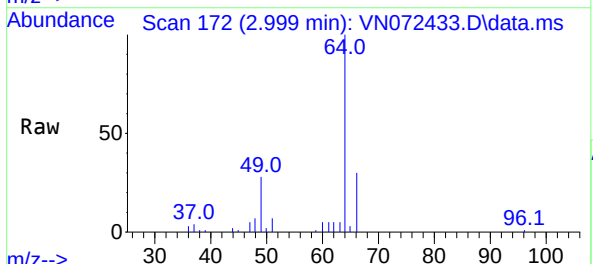
Tgt Ion: 94 Resp: 56392
Ion Ratio Lower Upper
94 100
96 102.4 76.0 114.0

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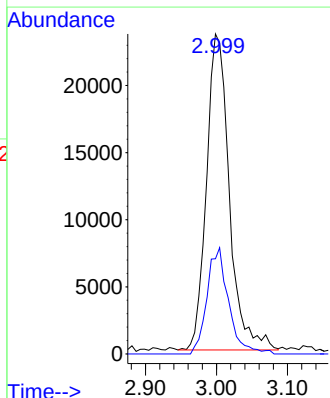
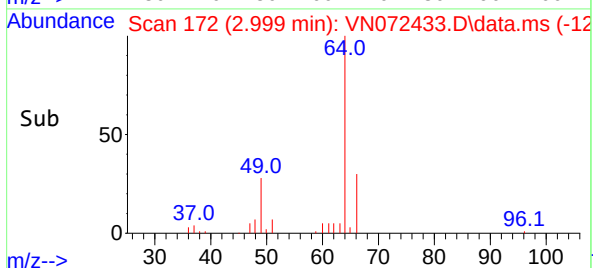
Reviewed By :John Carlone 05/12/2022
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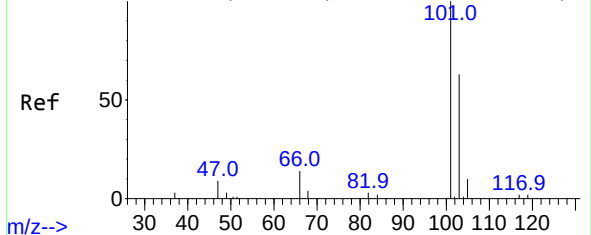
#6
Chloroethane
Concen: 46.300 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 64 Resp: 52712
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.4



Abundance Scan 235 (3.369 min): VN072392.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 49.246 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072433.D
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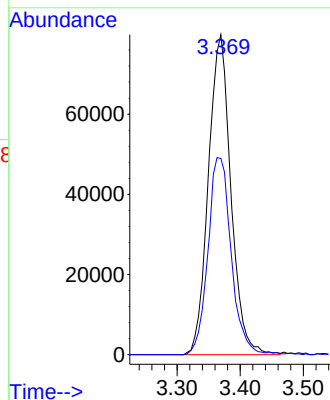
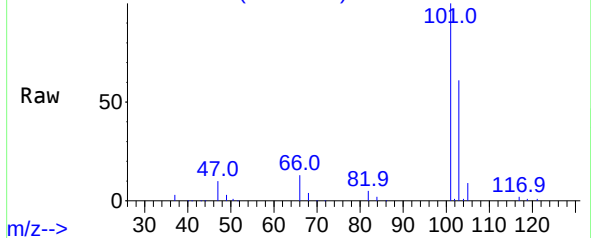
Tgt Ion:101 Resp: 19789
Ion Ratio Lower Upper
101 100
103 61.3 51.5 77.3

Manual Integrations

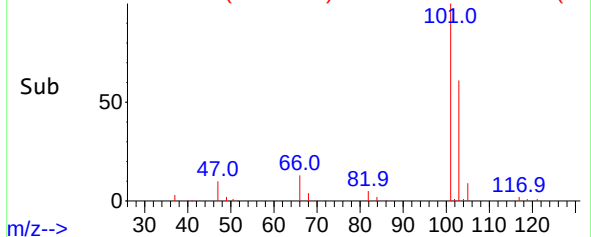
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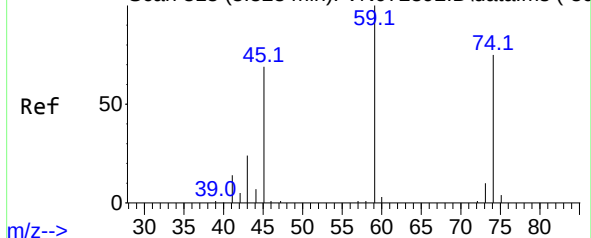
Abundance Scan 235 (3.369 min): VN072433.D\data.ms



Abundance Scan 235 (3.369 min): VN072433.D\data.ms (-18



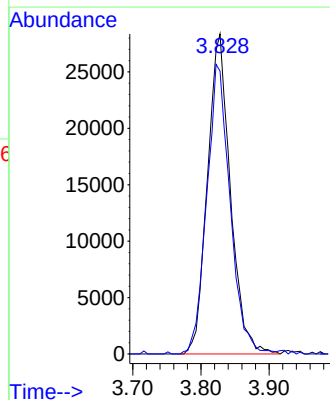
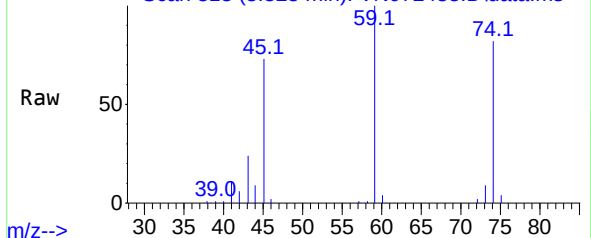
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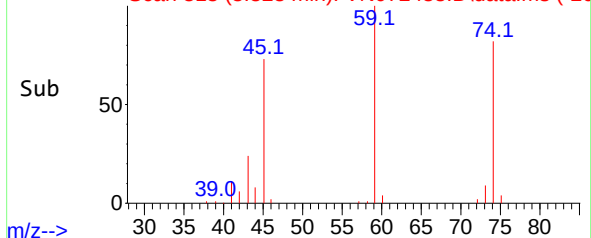
#8
Diethyl Ether
Concen: 45.854 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

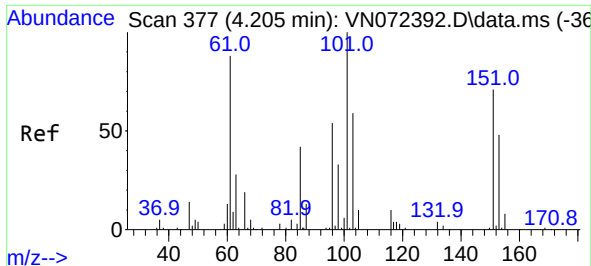
Tgt Ion: 74 Resp: 66474
Ion Ratio Lower Upper
74 100
45 92.2 42.9 128.5

Abundance Scan 313 (3.828 min): VN072433.D\data.ms



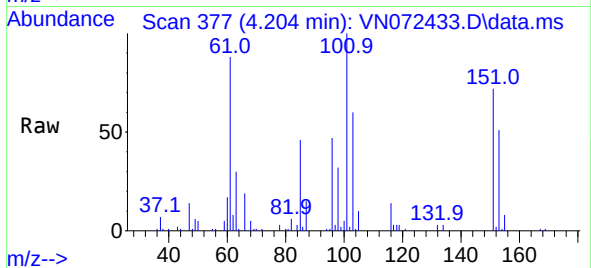
Abundance Scan 313 (3.828 min): VN072433.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.829 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

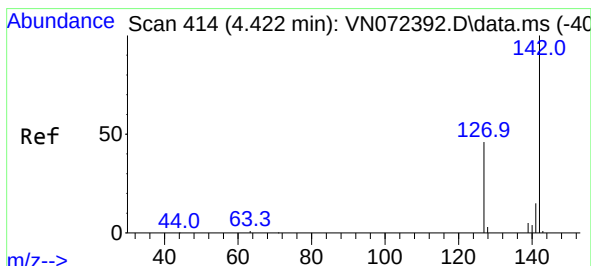
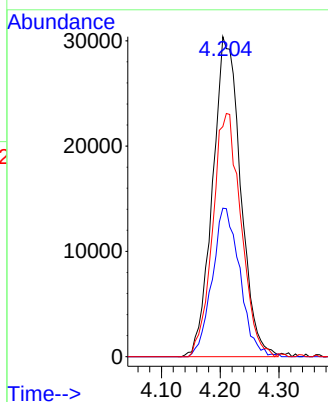
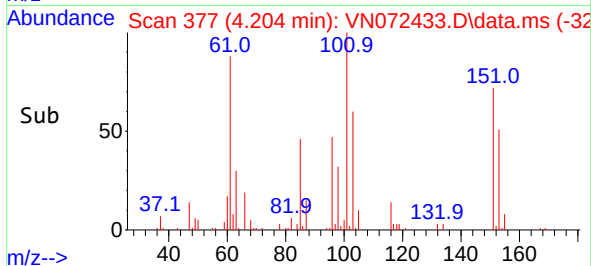
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



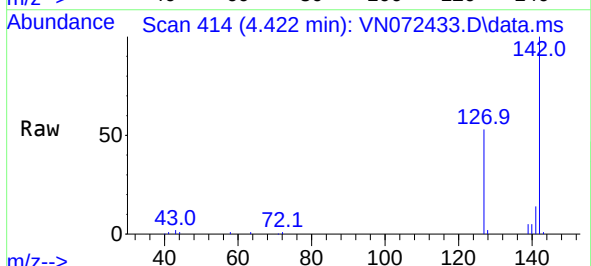
Tgt Ion:101 Resp: 100489
Ion Ratio Lower Upper
101 100
85 45.9 34.7 52.1
151 77.0 63.0 94.4

Manual Integrations
APPROVED

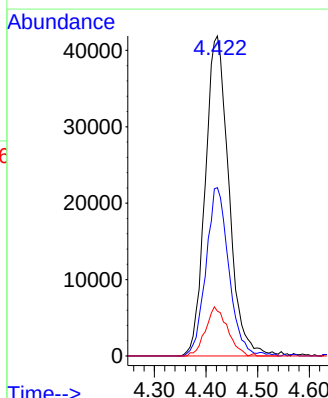
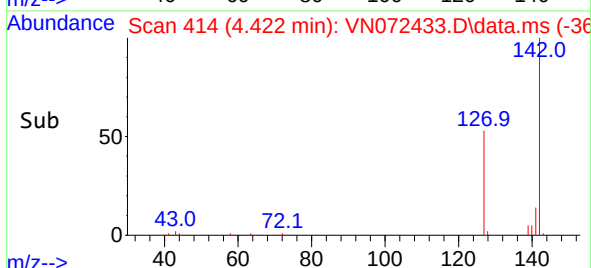
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

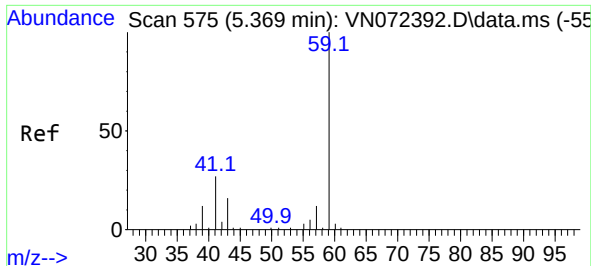


#10
Methyl Iodide
Concen: 45.624 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



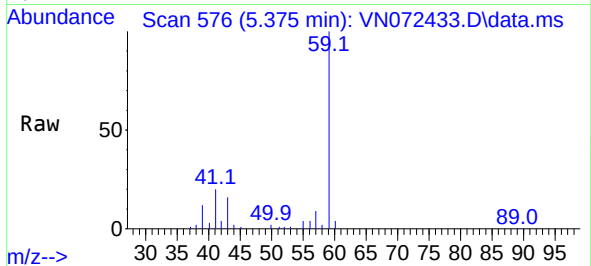
Tgt Ion:142 Resp: 132612
Ion Ratio Lower Upper
142 100
127 50.8 31.3 46.9#
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 239.890 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

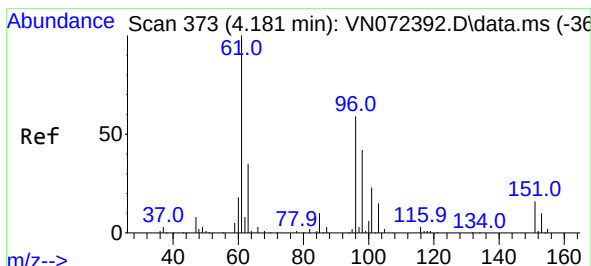
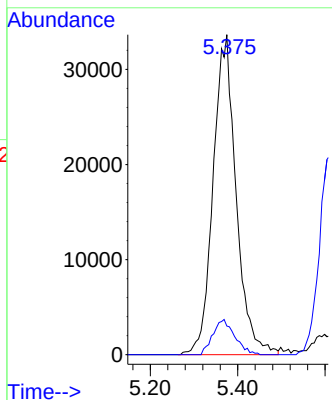
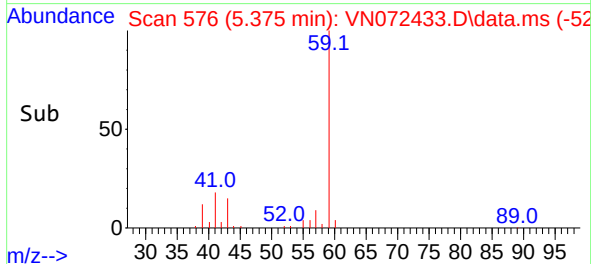
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



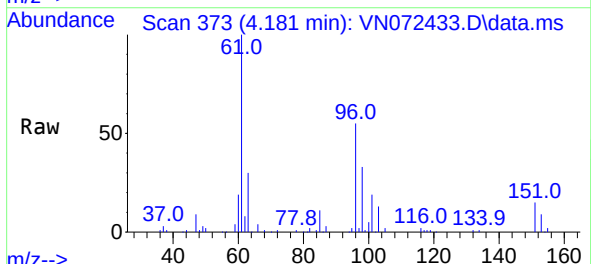
Tgt Ion: 59 Resp: 122663
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

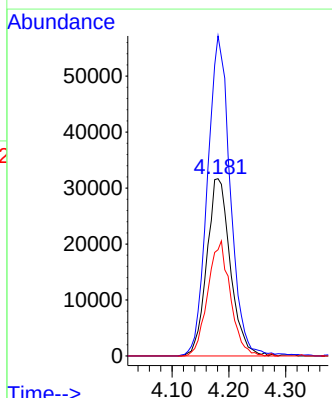
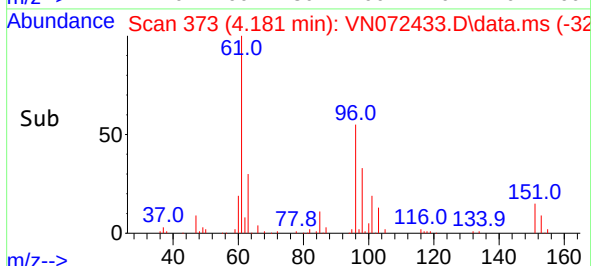
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

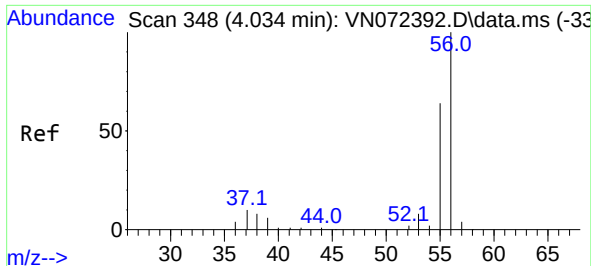


#12
1,1-Dichloroethene
Concen: 44.333 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



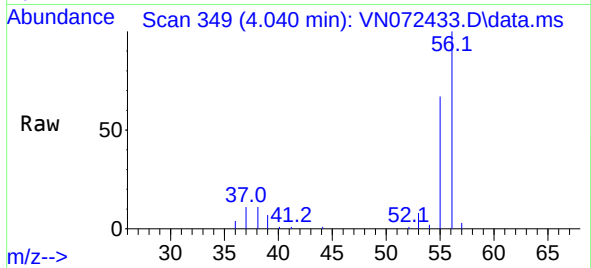
Tgt Ion: 96 Resp: 91084
Ion Ratio Lower Upper
96 100
61 180.5 127.6 191.4
98 59.9 51.2 76.8





#13
Acrolein
Concen: 205.210 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

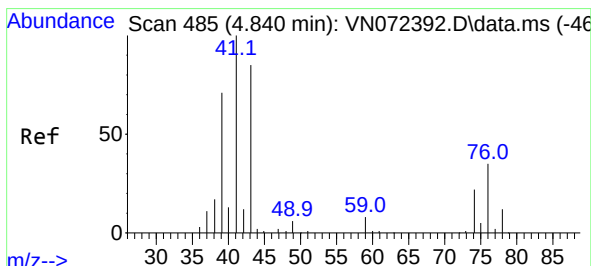
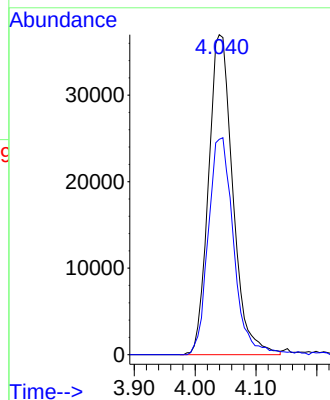
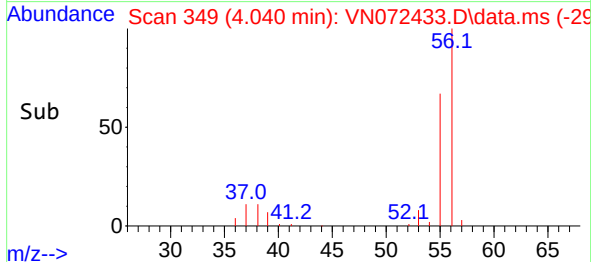
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



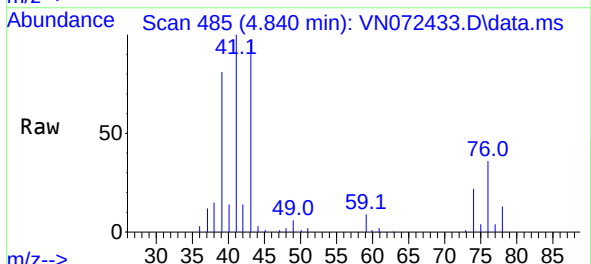
Tgt Ion: 56 Resp: 102663
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

Manual Integrations
APPROVED

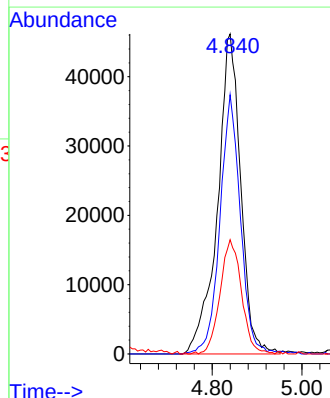
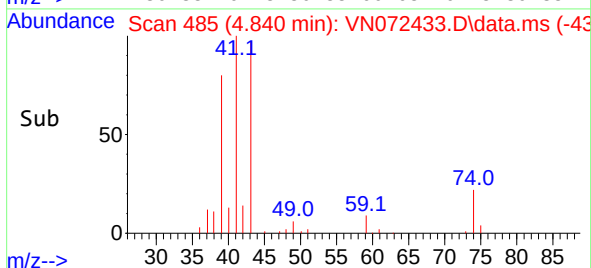
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

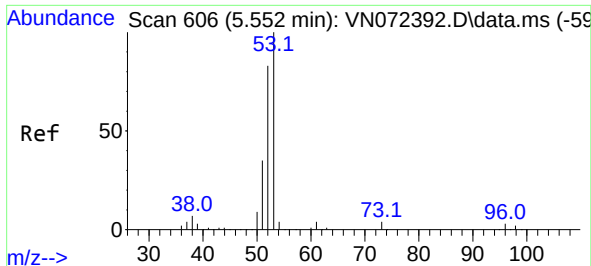


#14
Allyl chloride
Concen: 43.354 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



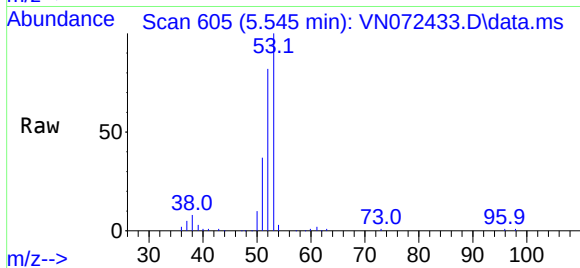
Tgt Ion: 41 Resp: 165839
Ion Ratio Lower Upper
41 100
39 71.7 53.2 79.8
76 33.0 29.9 44.9





#15
Acrylonitrile
Concen: 229.975 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

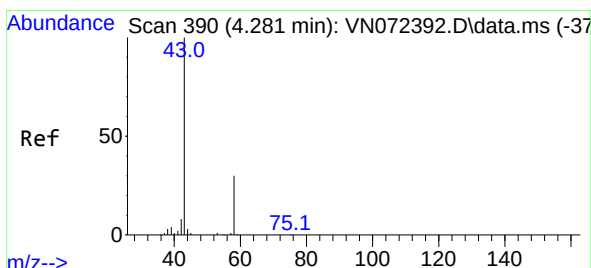
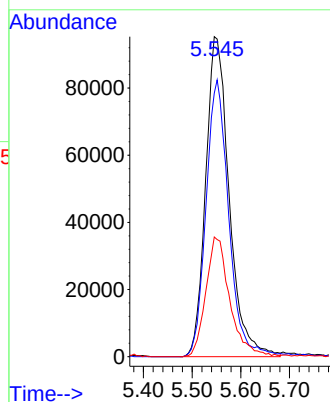
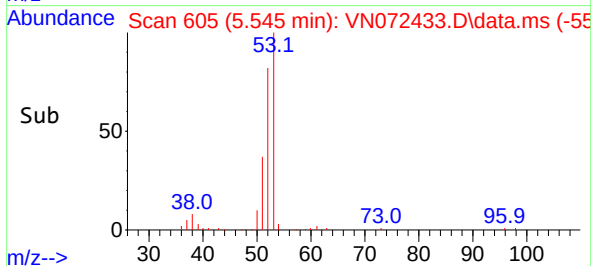
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 31954
Ion Ratio Lower Upper
53 100
52 84.0 66.4 99.6
51 38.1 28.5 42.7

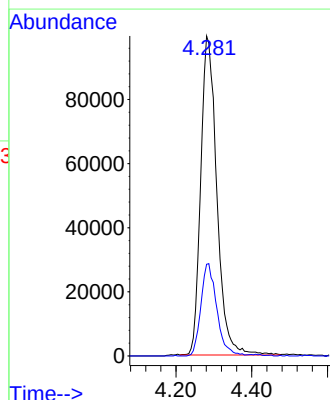
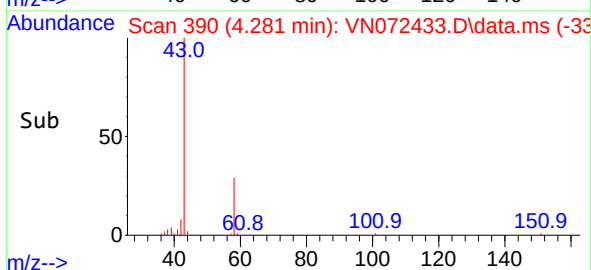
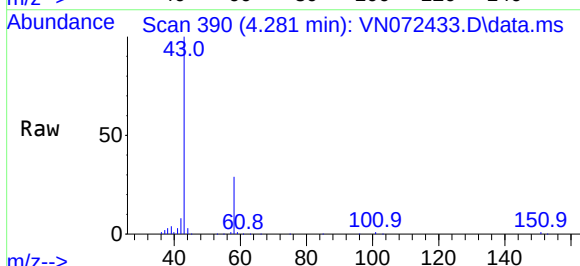
Manual Integrations
APPROVED

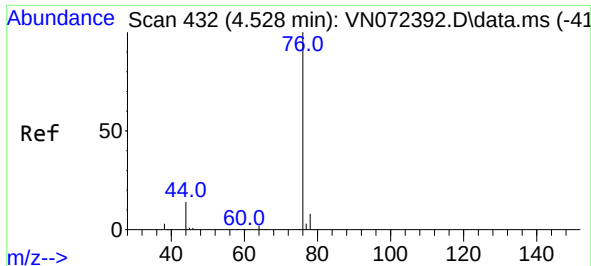
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#16
Acetone
Concen: 238.018 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

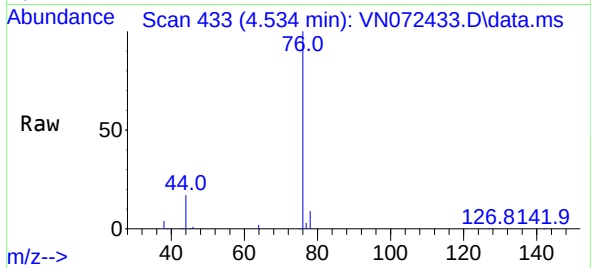
Tgt Ion: 43 Resp: 294775
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#17
Carbon Disulfide
Concen: 43.180 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

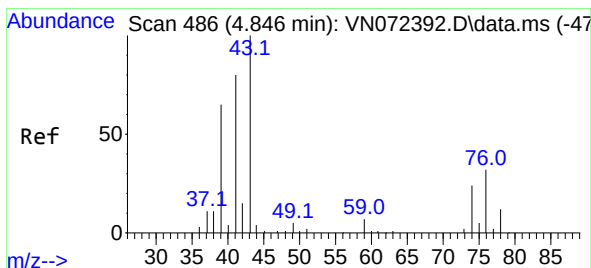
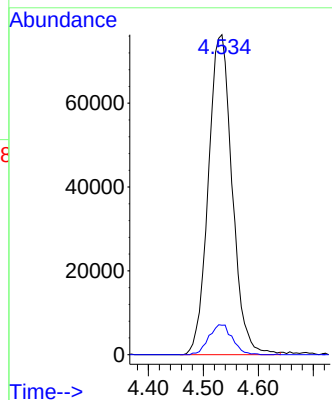
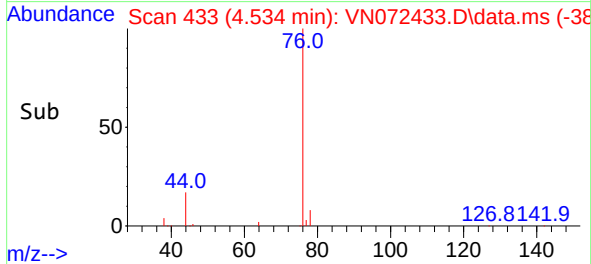
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



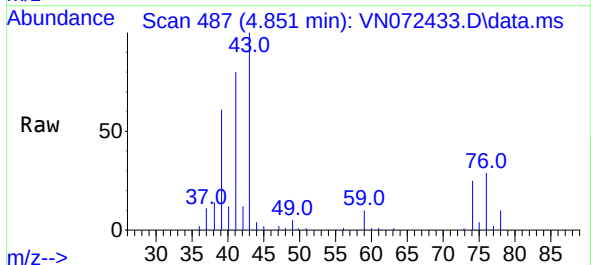
Tgt Ion: 76 Resp: 230079
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

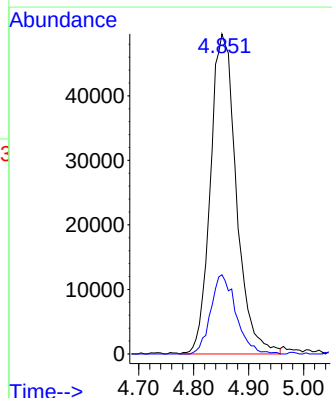
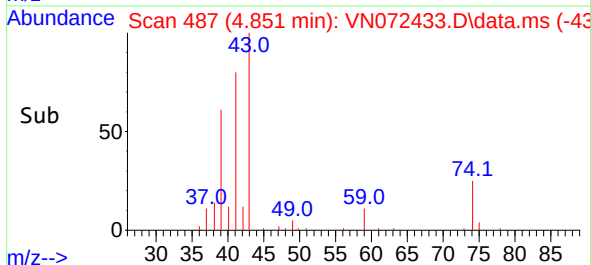
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

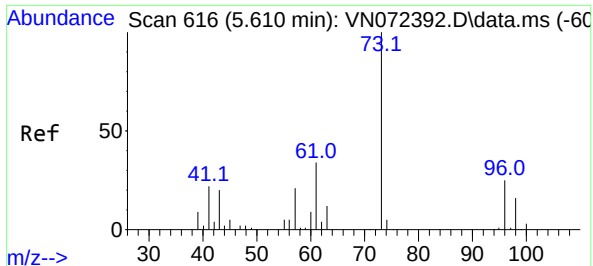


#18
Methyl Acetate
Concen: 44.565 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



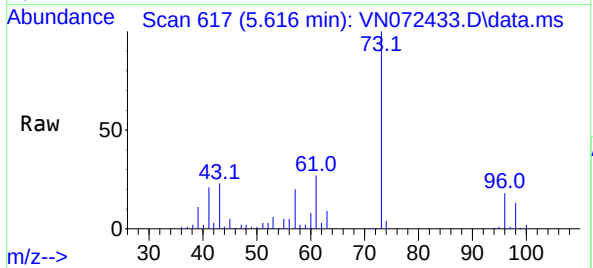
Tgt Ion: 43 Resp: 162502
Ion Ratio Lower Upper
43 100
74 24.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.175 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

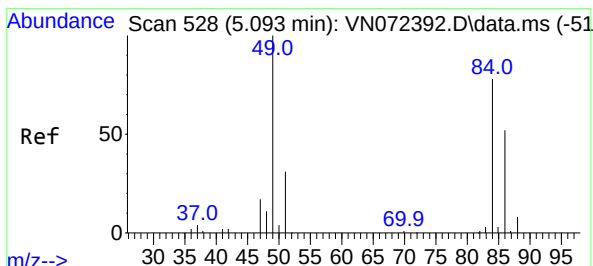
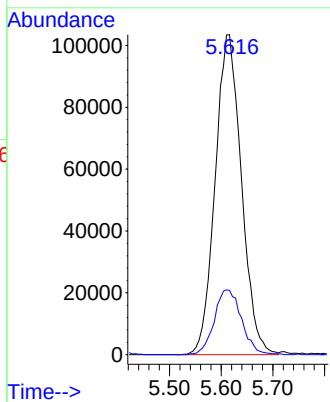
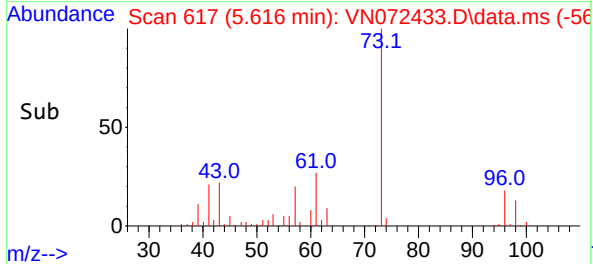
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



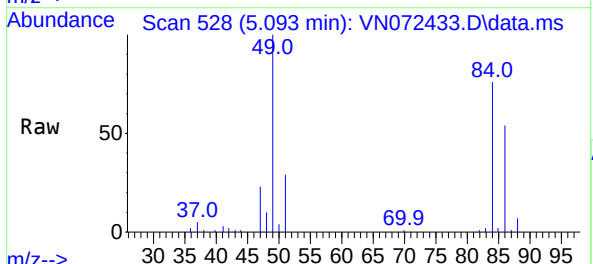
Tgt Ion: 73 Resp: 36510
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4

Manual Integrations
APPROVED

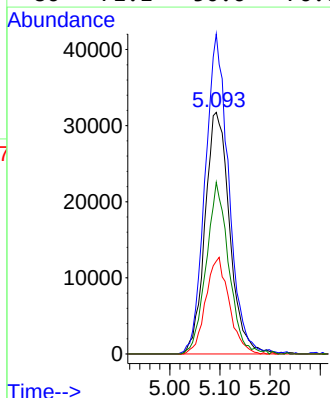
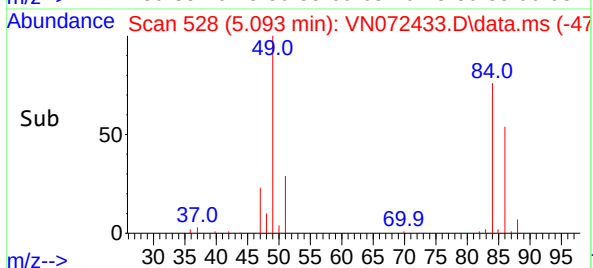
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

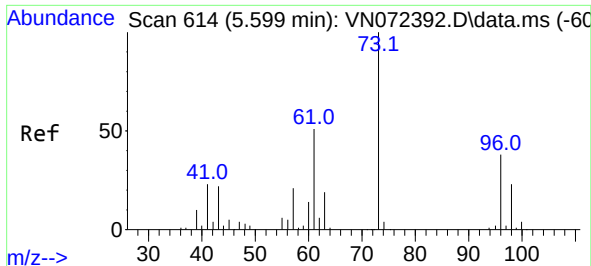


#20
Methylene Chloride
Concen: 42.717 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 84 Resp: 108472
Ion Ratio Lower Upper
84 100
49 132.4 88.3 132.5
51 38.4 28.2 42.2
86 71.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 44.945 ug/l

RT: 5.593 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN072433.D

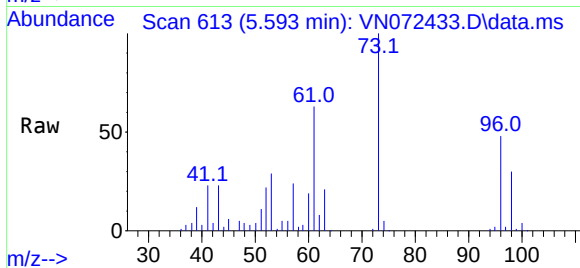
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 96610

Ion Ratio Lower Upper

96 100

61 132.9 105.8 158.8

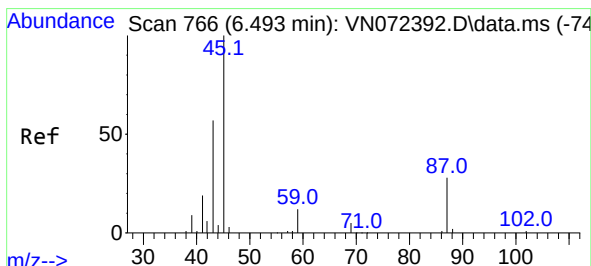
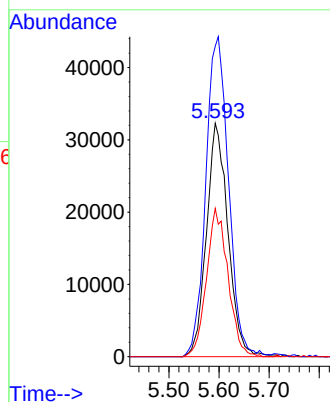
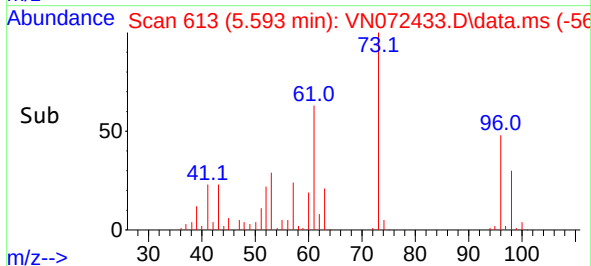
98 63.5 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#22

Diisopropyl ether

Concen: 44.062 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.001 min

Lab File: VN072433.D

Acq: 11 May 2022 22:06

Tgt Ion: 45 Resp: 342497

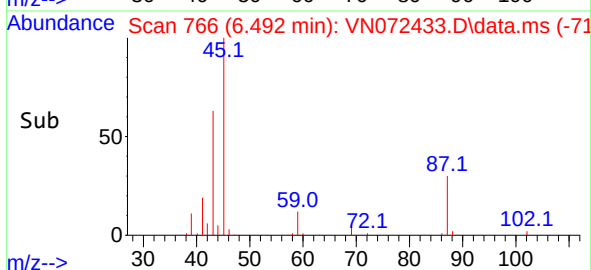
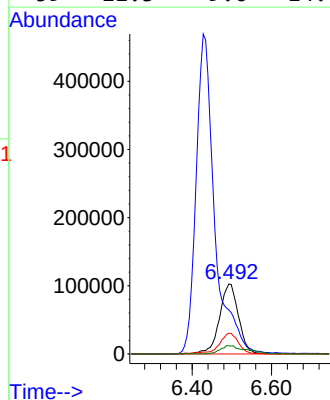
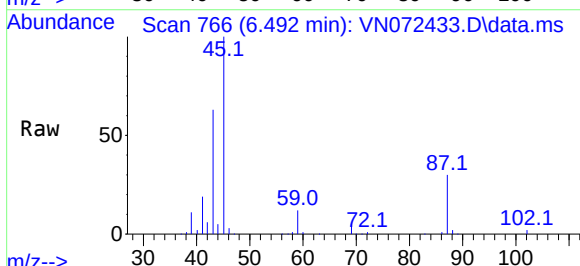
Ion Ratio Lower Upper

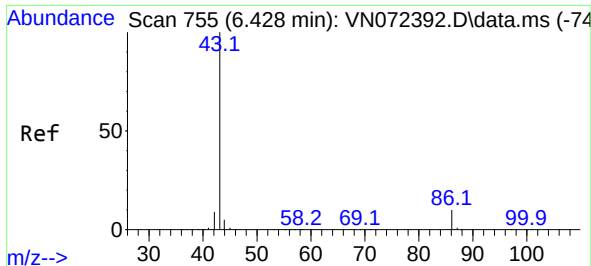
45 100

43 61.7 46.6 70.0

87 29.8 24.3 36.5

59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 234.678 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072433.D
 Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

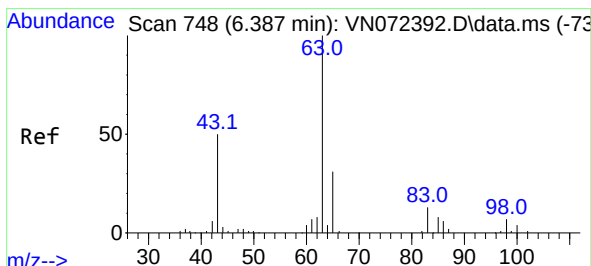
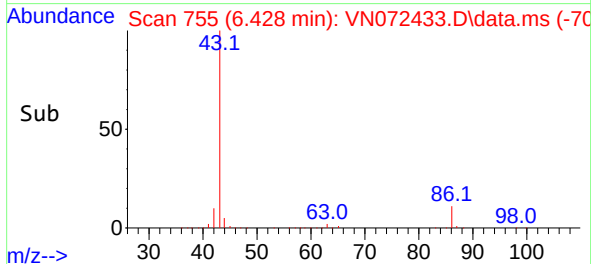
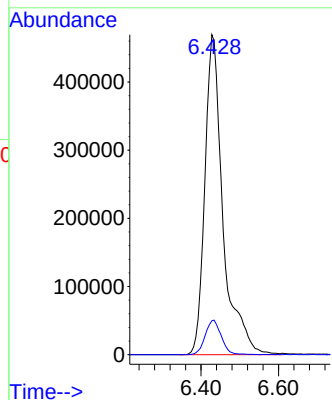
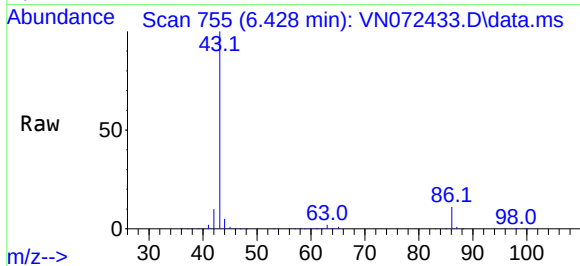
VSTDCCC050

Tgt Ion: 43 Resp: 1526330
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.0 15.0

Manual Integrations

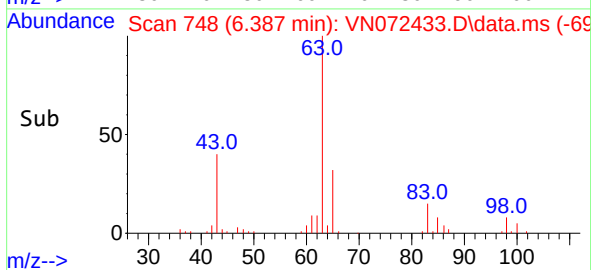
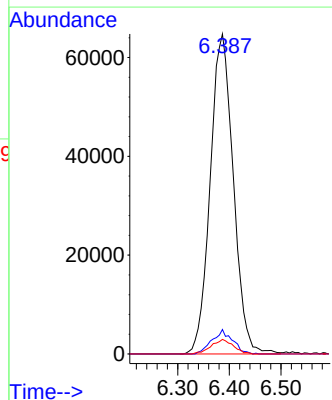
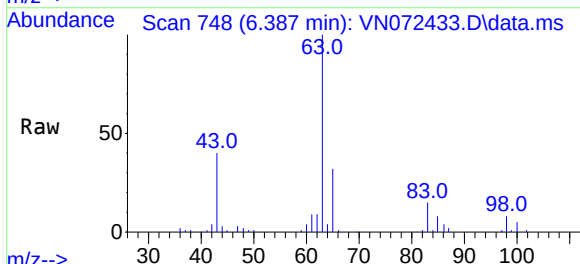
APPROVED

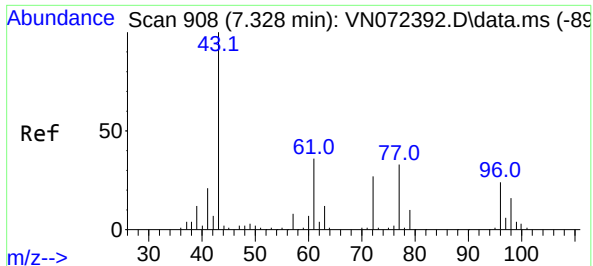
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#24
 1,1-Dichloroethane
 Concen: 45.889 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072433.D
 Acq: 11 May 2022 22:06

Tgt Ion: 63 Resp: 201285
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 227.064 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN072433.D

Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 443818

Ion Ratio Lower Upper

43 100

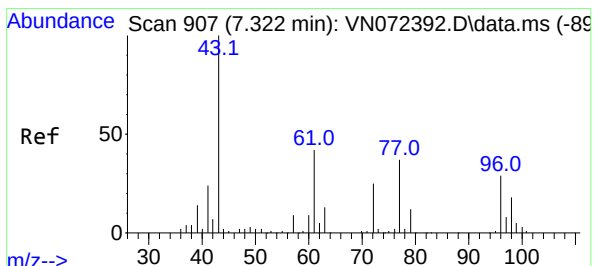
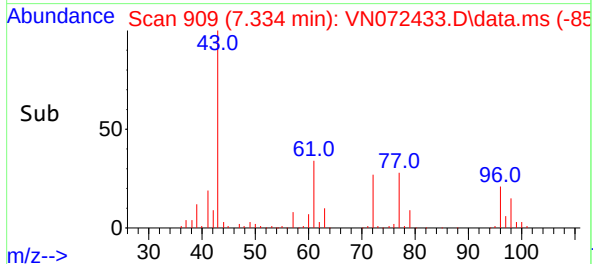
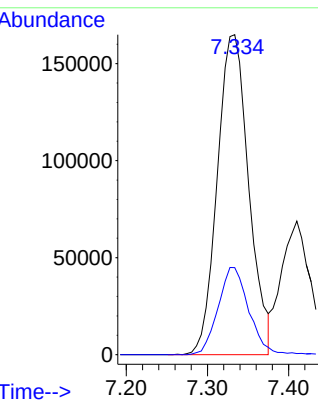
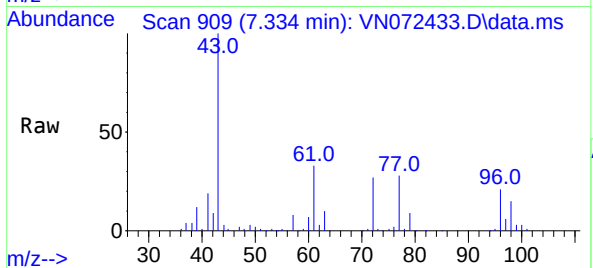
72 27.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#26

2,2-Dichloropropane

Concen: 42.510 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072433.D

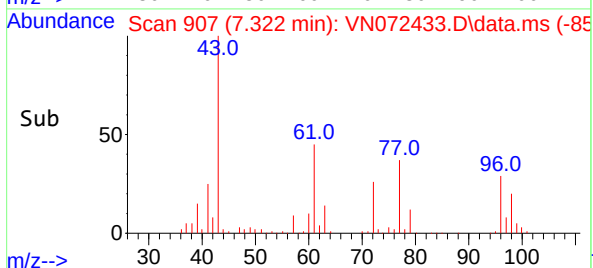
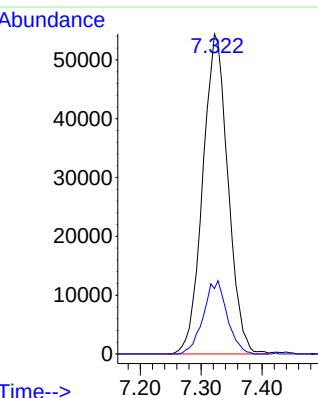
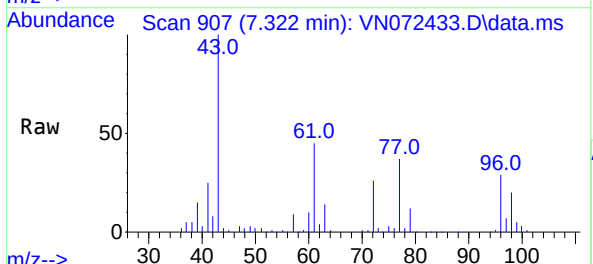
Acq: 11 May 2022 22:06

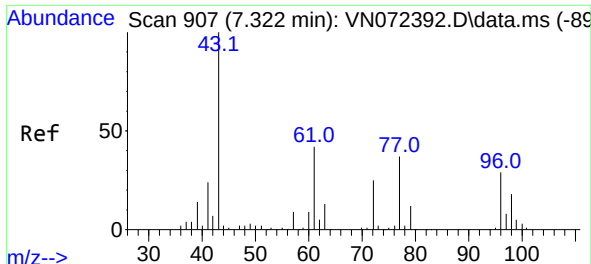
Tgt Ion: 77 Resp: 156695

Ion Ratio Lower Upper

77 100

97 21.5 11.4 34.2





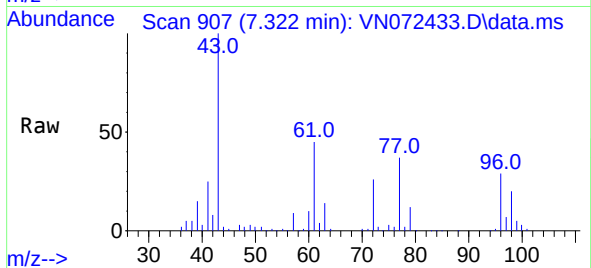
#27
cis-1,2-Dichloroethene
Concen: 45.324 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

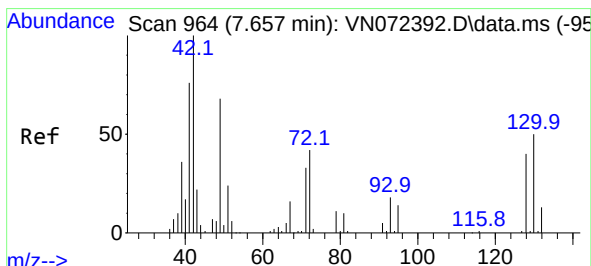
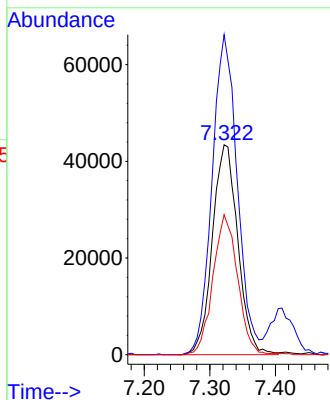
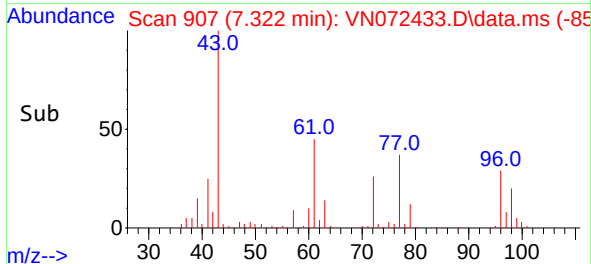


Tgt Ion: 96 Resp: 117125
Ion Ratio Lower Upper
96 100
61 150.5 0.0 280.6
98 64.4 0.0 128.4

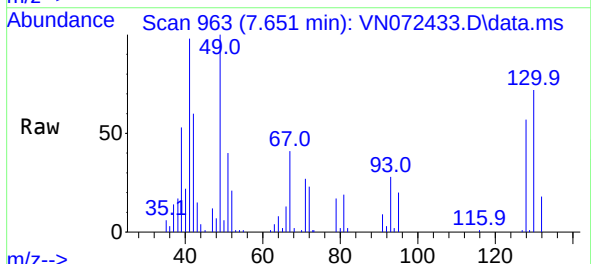
Manual Integrations

APPROVED

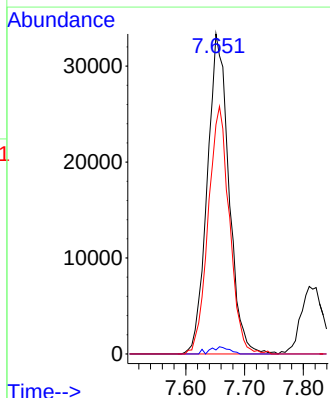
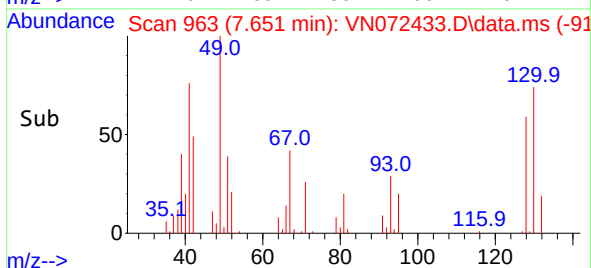
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

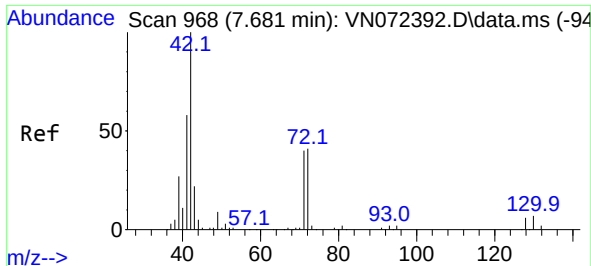


#28
Bromochloromethane
Concen: 45.786 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



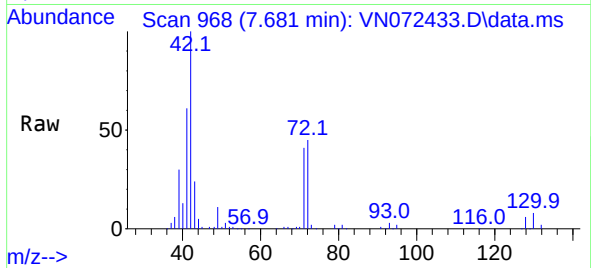
Tgt Ion: 49 Resp: 85274
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 75.9 69.7 104.5





#29
Tetrahydrofuran
Concen: 228.969 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

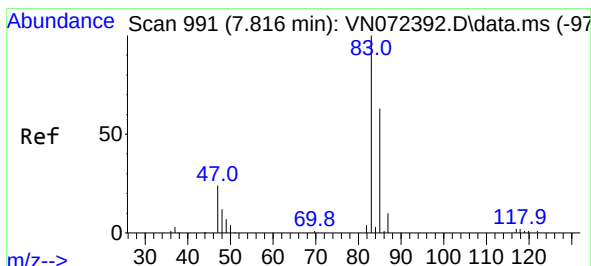
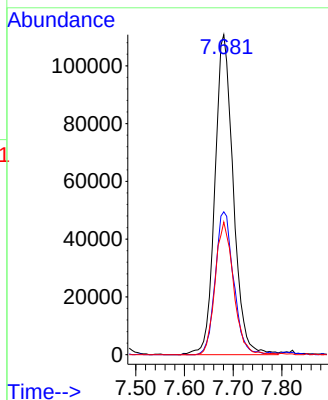
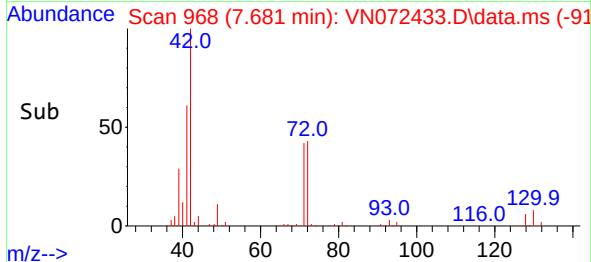
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



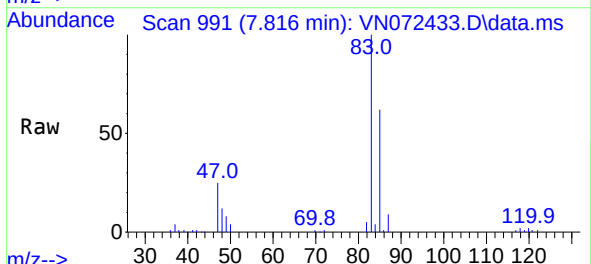
Tgt Ion: 42 Resp: 29086
Ion Ratio Lower Upper
42 100
72 44.5 39.7 59.5
71 41.3 36.6 55.0

Manual Integrations
APPROVED

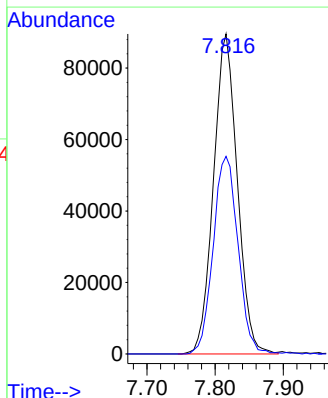
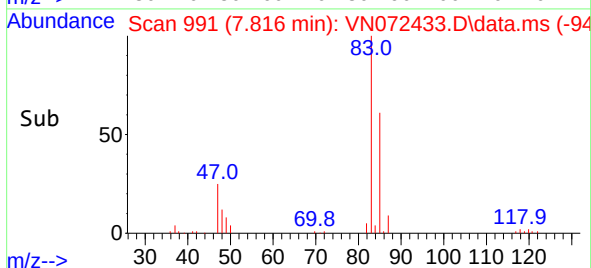
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

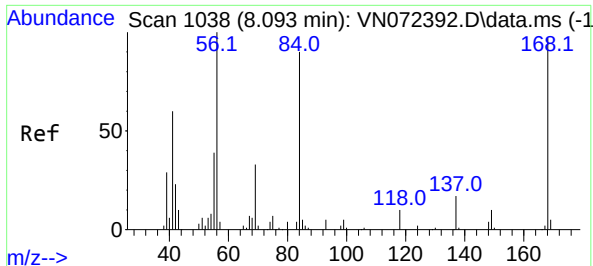


#30
Chloroform
Concen: 48.831 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



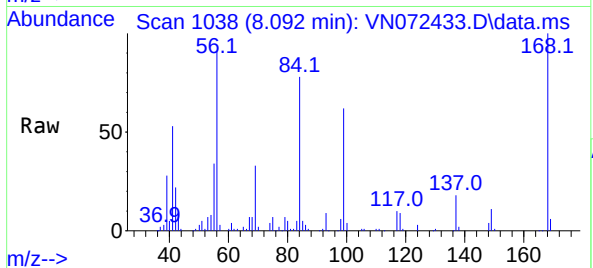
Tgt Ion: 83 Resp: 217907
Ion Ratio Lower Upper
83 100
85 61.8 51.8 77.8





#31
Cyclohexane
Concen: 41.937 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

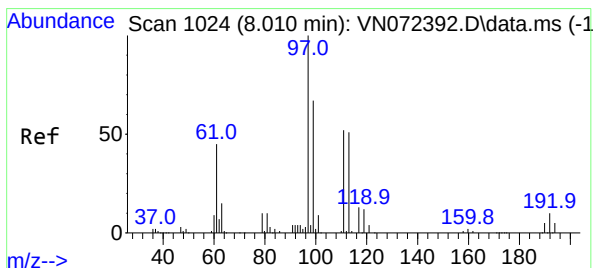
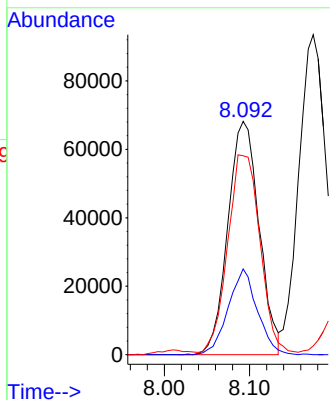
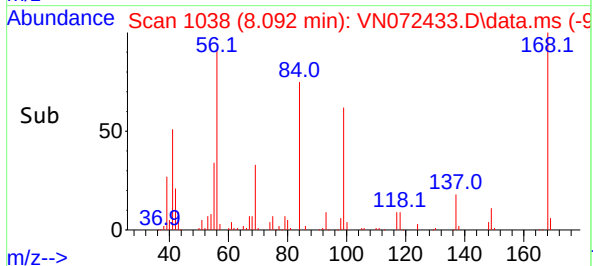
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



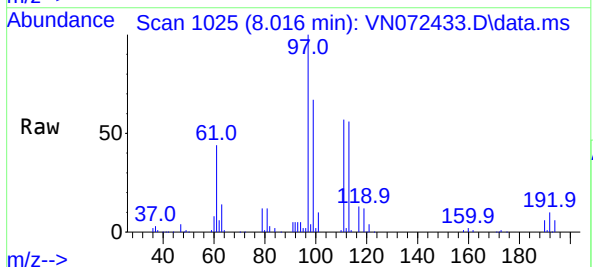
Tgt Ion: 56 Resp: 173775
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.8
84 83.4 76.9 115.3

Manual Integrations
APPROVED

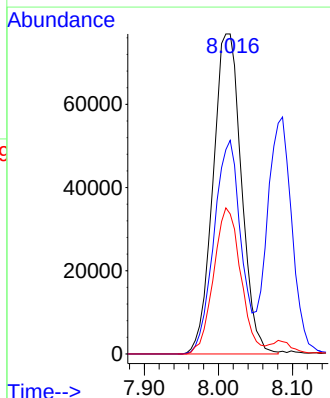
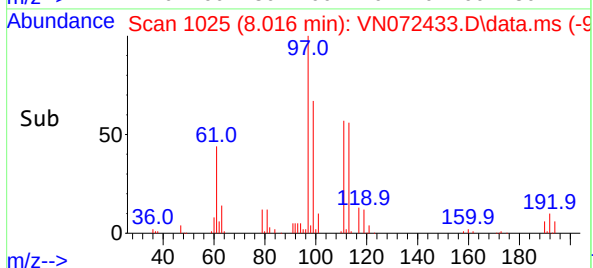
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

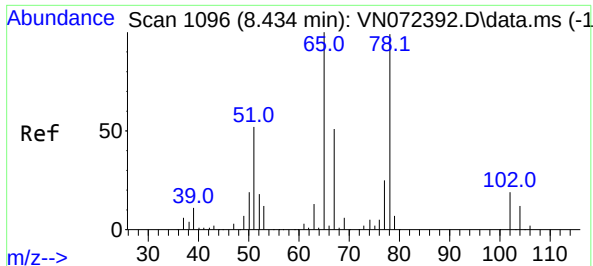


#32
1,1,1-Trichloroethane
Concen: 49.941 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 97 Resp: 204408
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 43.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 47.280 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

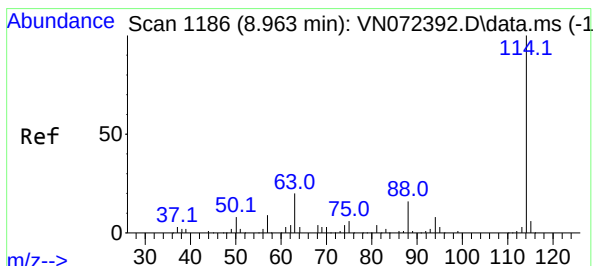
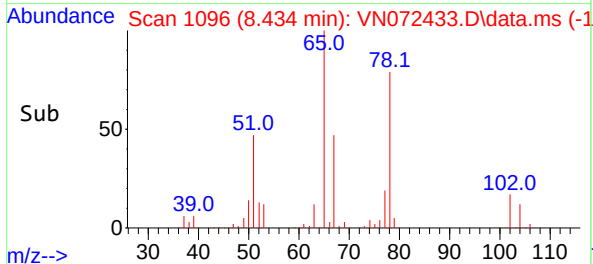
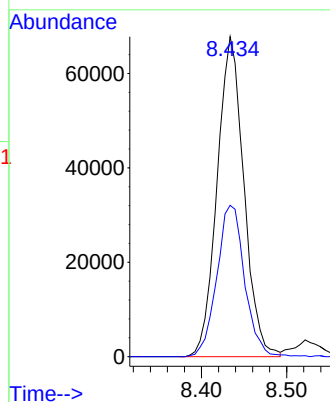
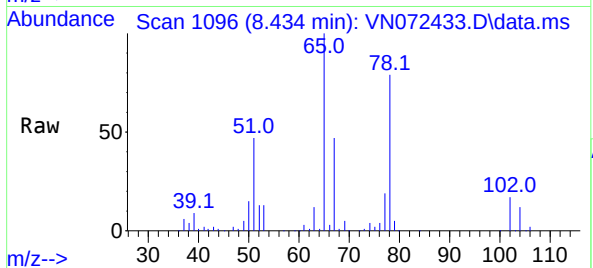
VSTDCCC050

Tgt Ion: 65 Resp: 14785
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.8

Manual Integrations

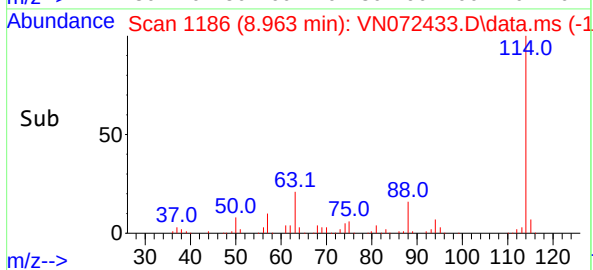
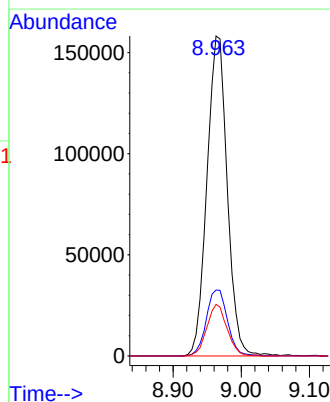
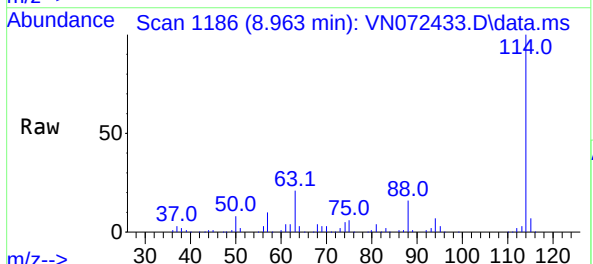
APPROVED

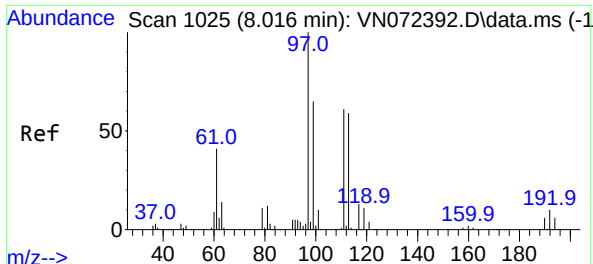
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

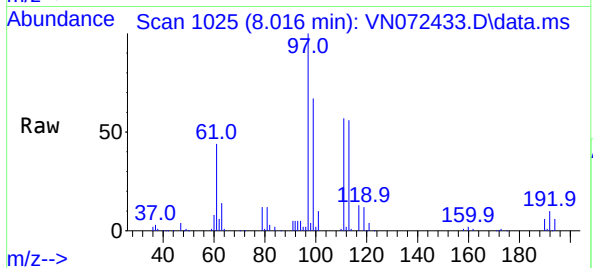
Tgt Ion:114 Resp: 327876
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.0
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.823 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

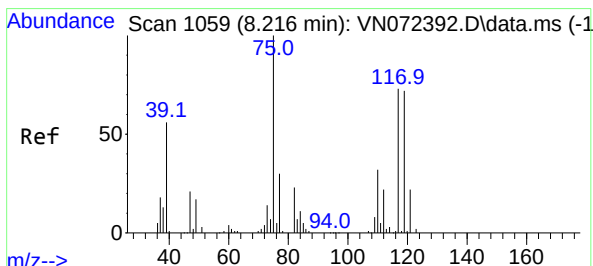
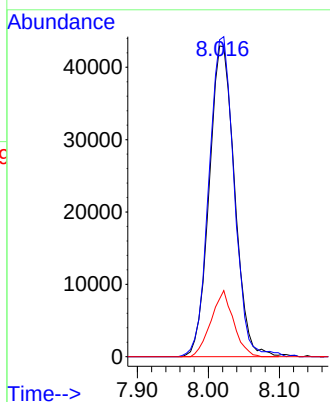
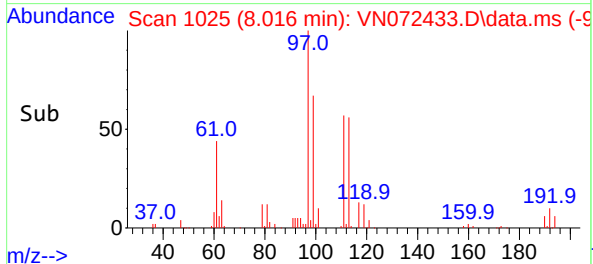
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



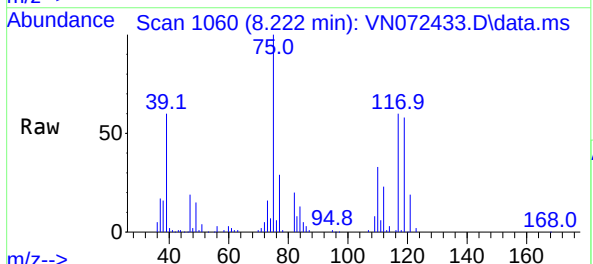
Tgt Ion: 113 Resp: 106500
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.9 17.0 25.6

Manual Integrations
APPROVED

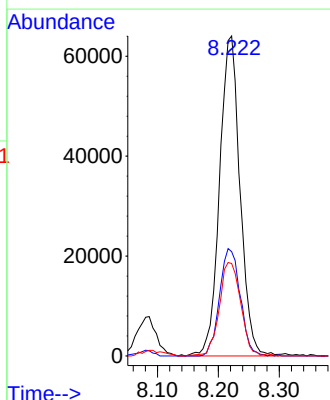
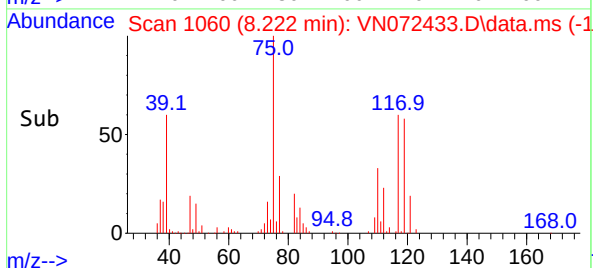
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

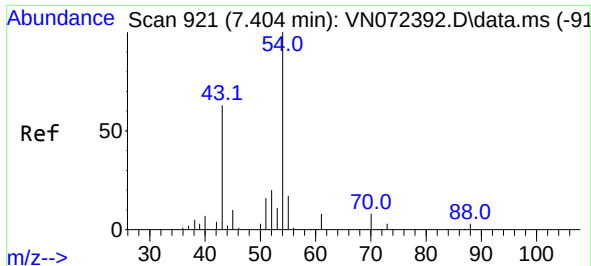


#36
1,1-Dichloropropene
Concen: 47.711 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



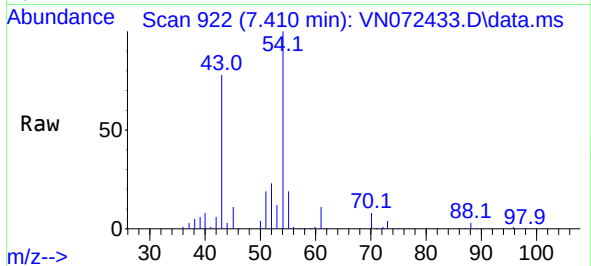
Tgt Ion: 75 Resp: 149479
Ion Ratio Lower Upper
75 100
110 33.9 18.3 54.8
77 30.5 25.1 37.7





#37
Ethyl Acetate
Concen: 47.445 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

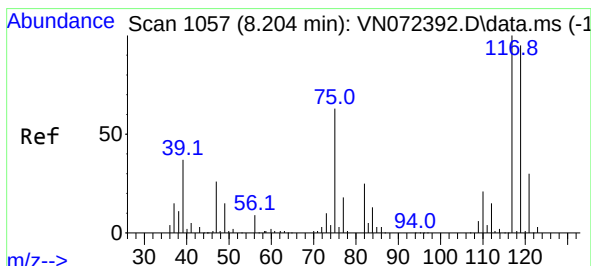
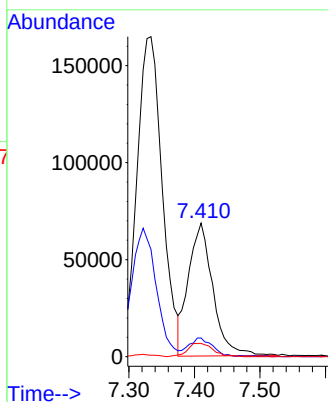
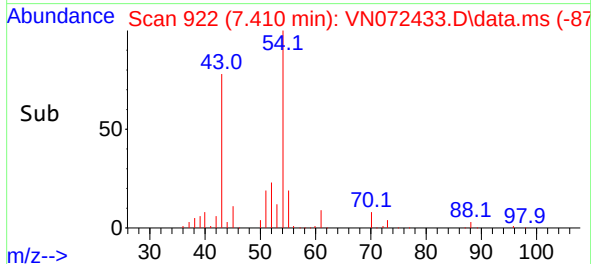
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



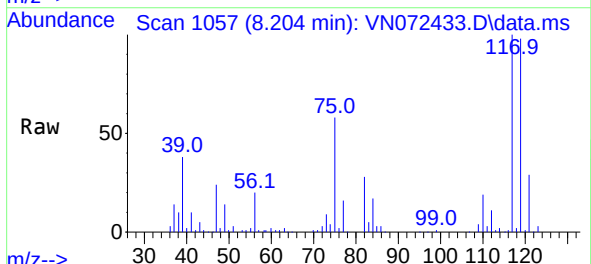
Tgt Ion: 43 Resp: 17834
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.4 9.3 13.9

Manual Integrations
APPROVED

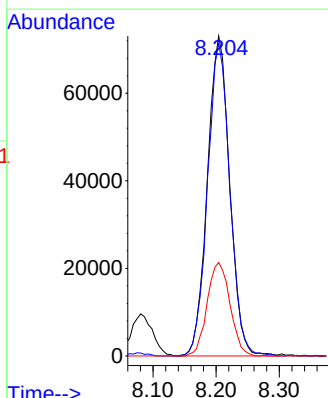
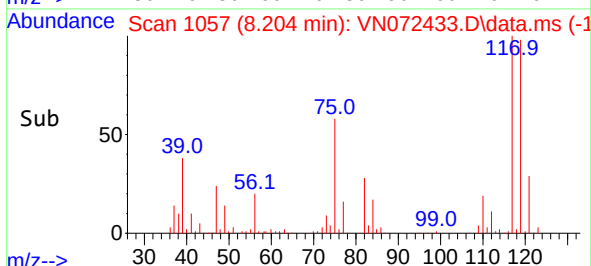
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

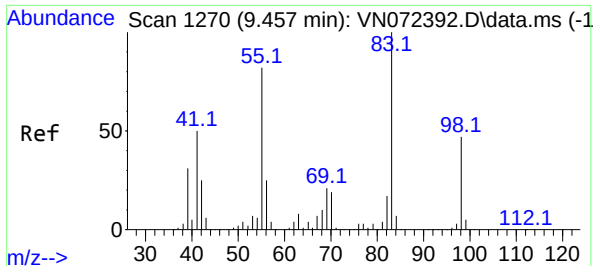


#38
Carbon Tetrachloride
Concen: 51.208 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion:117 Resp: 179560
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.8
121 29.2 24.6 37.0





#39
Methylcyclohexane
Concen: 48.523 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

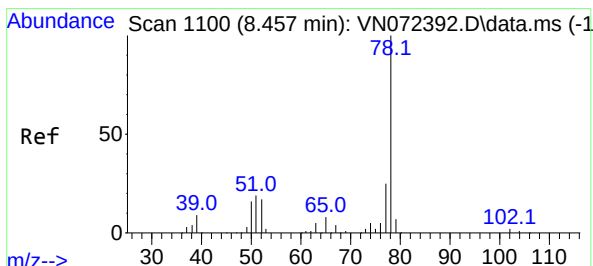
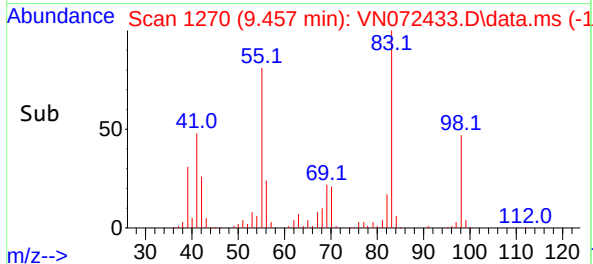
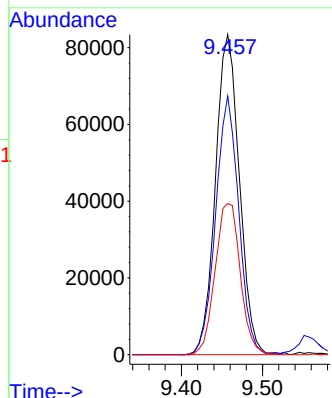
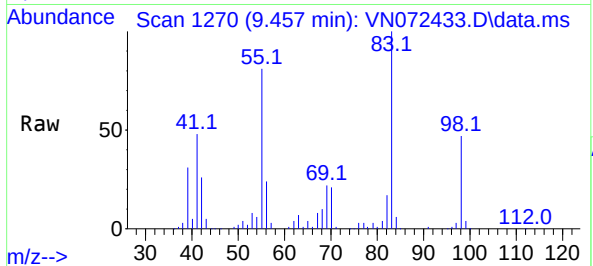
VSTDCCC050

Tgt Ion: 83 Resp: 17085
Ion Ratio Lower Upper
83 100
55 80.9 57.8 86.8
98 47.3 39.4 59.2

Manual Integrations

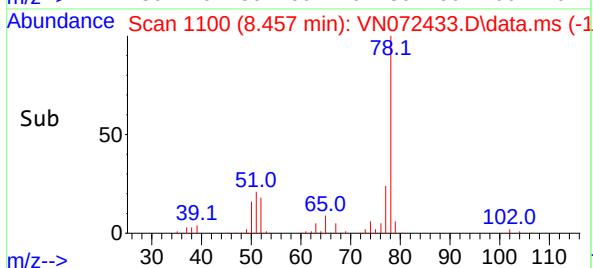
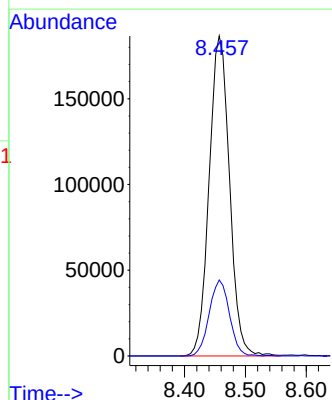
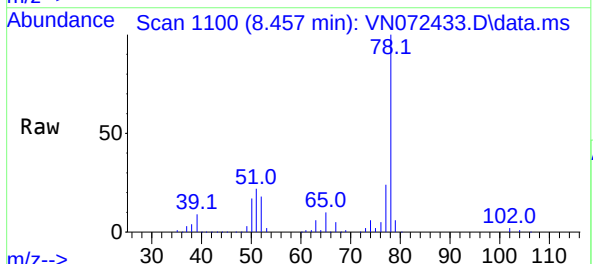
APPROVED

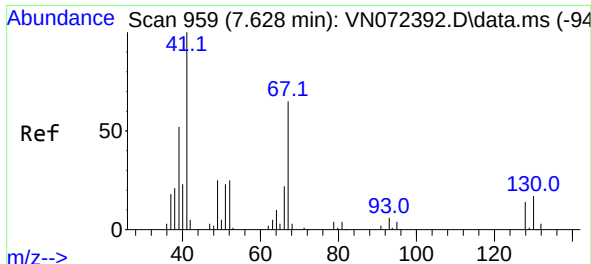
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#40
Benzene
Concen: 46.319 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

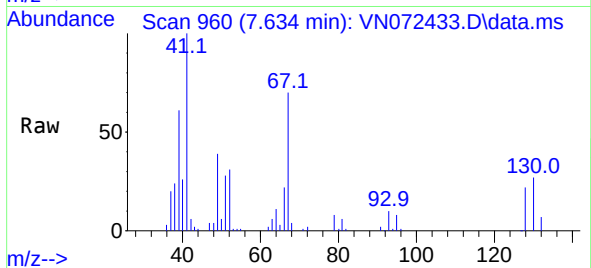
Tgt Ion: 78 Resp: 433520
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 43.736 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

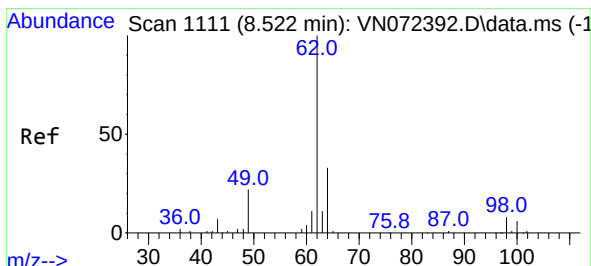
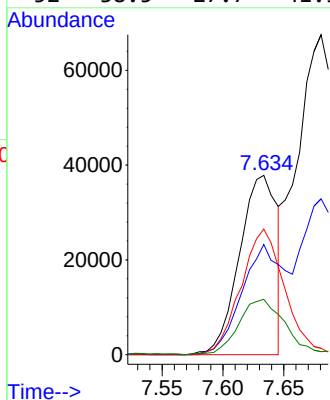
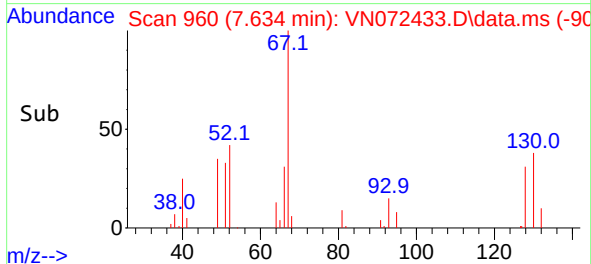
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



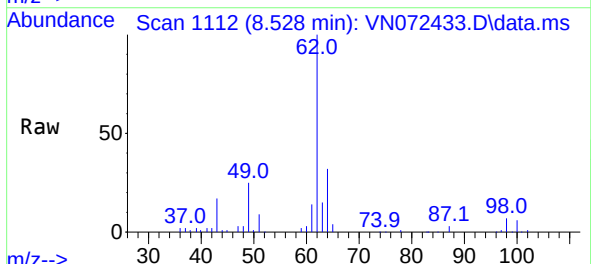
Tgt Ion: 41 Resp: 81409
Ion Ratio Lower Upper
41 100
39 73.0 48.6 73.0
67 82.2 73.4 110.2
52 38.5 27.7 41.5

Manual Integrations
APPROVED

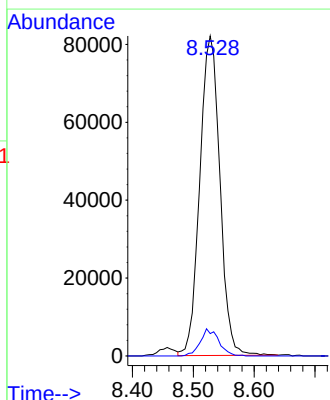
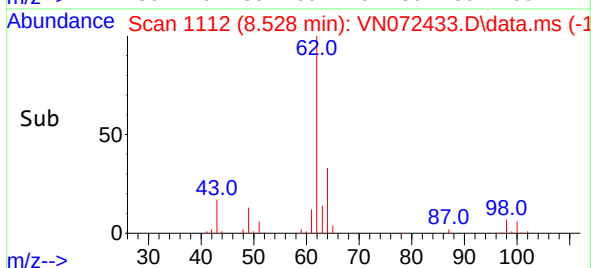
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

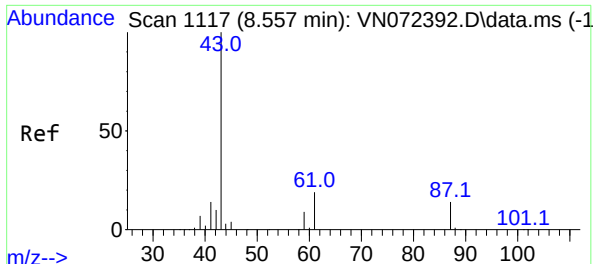


#42
1,2-Dichloroethane
Concen: 50.044 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 62 Resp: 188256
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.317 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

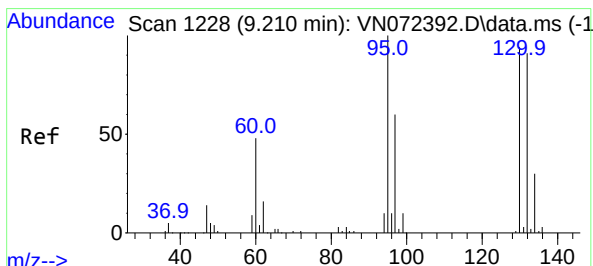
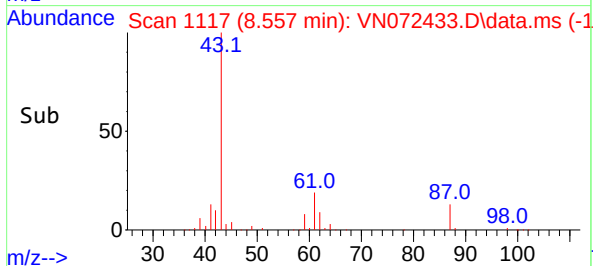
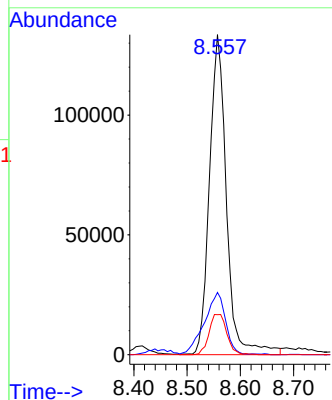
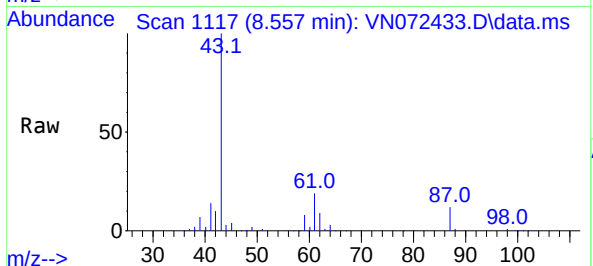
VSTDCCC050

Tgt Ion: 43 Resp: 29629
Ion Ratio Lower Upper
43 100
61 23.9 21.9 32.9
87 13.1 12.0 18.0

Manual Integrations

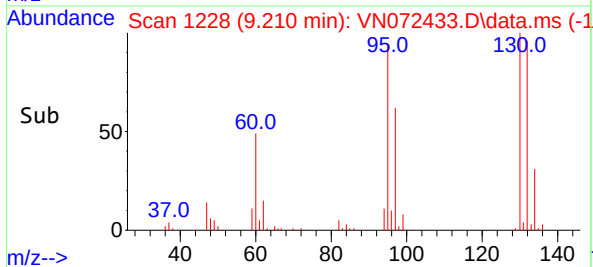
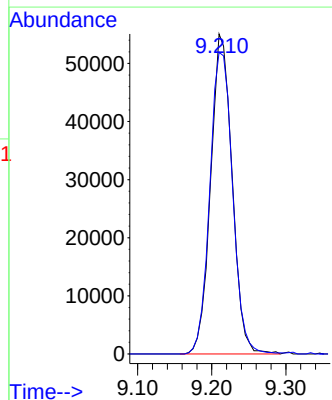
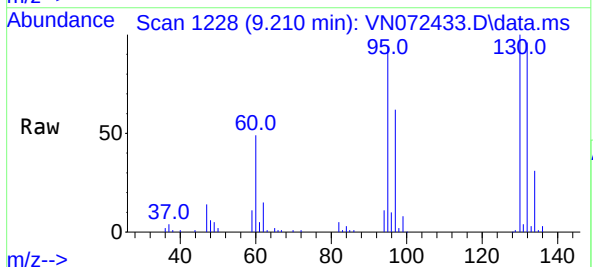
APPROVED

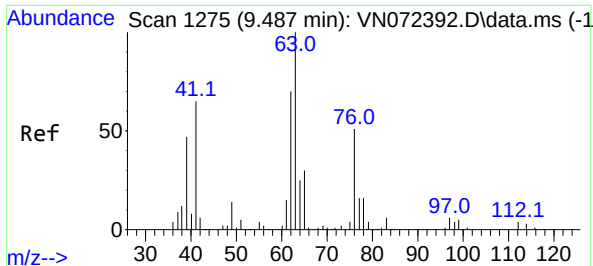
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#44
Trichloroethene
Concen: 46.579 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Tgt Ion:130 Resp: 110669
Ion Ratio Lower Upper
130 100
95 94.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 46.363 ug/l

RT: 9.486 min Scan# 110810

Delta R.T. -0.001 min

Lab File: VN072433.D

Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 110810

Ion Ratio Lower Upper

63 100

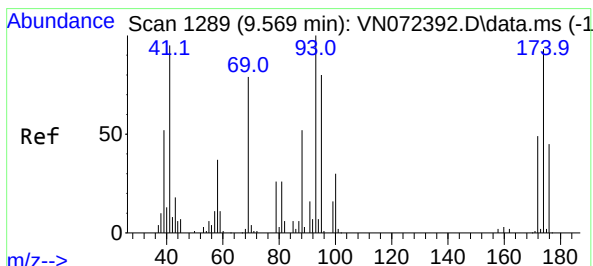
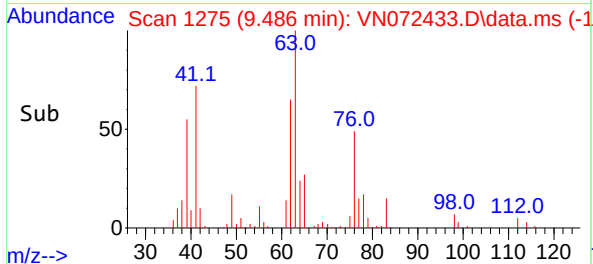
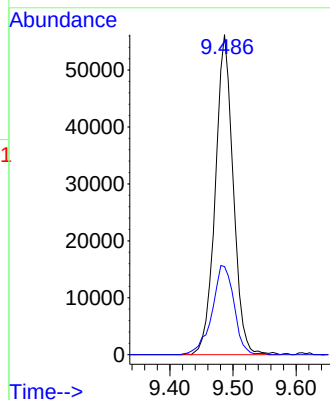
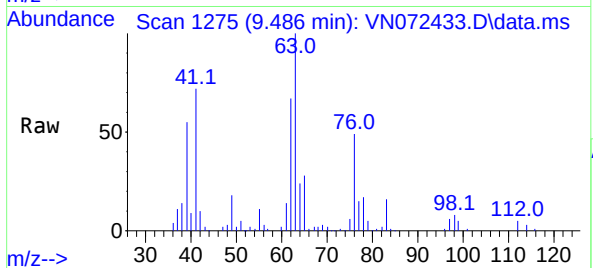
65 27.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#46

Dibromomethane

Concen: 48.953 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072433.D

Acq: 11 May 2022 22:06

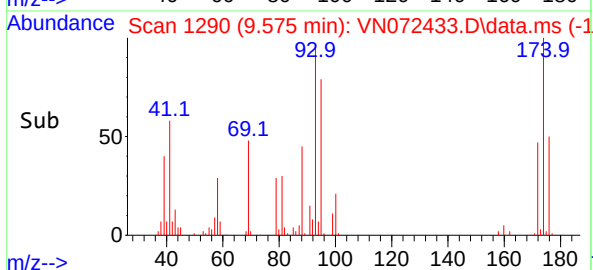
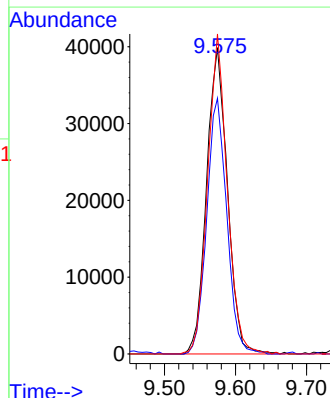
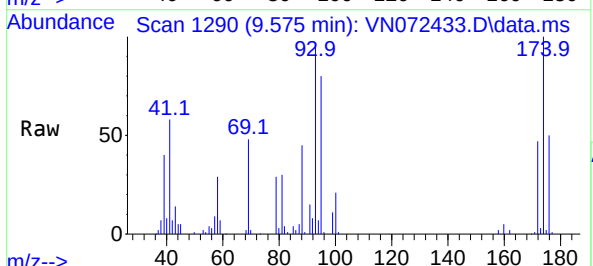
Tgt Ion: 93 Resp: 81472

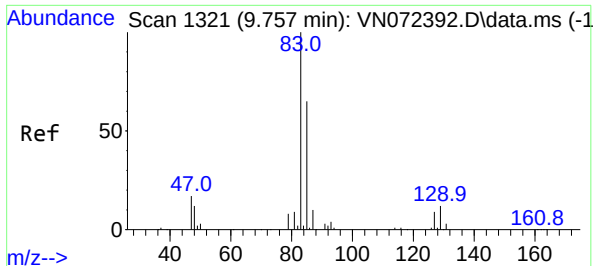
Ion Ratio Lower Upper

93 100

95 80.2 66.9 100.3

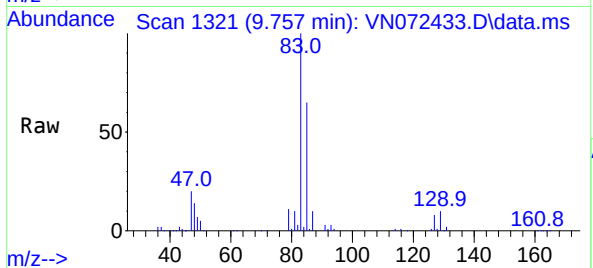
174 98.5 86.6 130.0





#47
Bromodichloromethane
Concen: 50.697 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

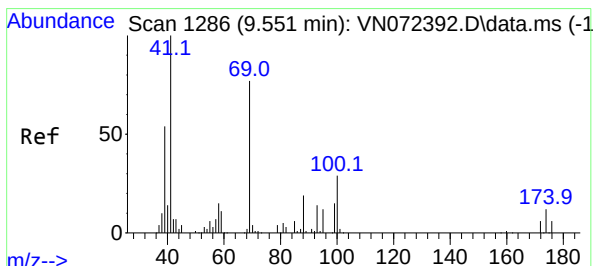
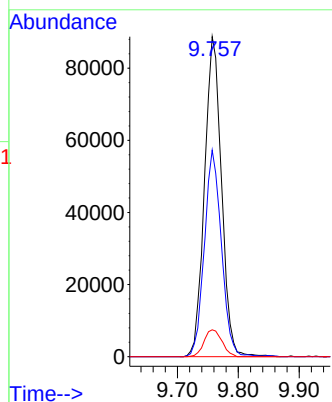
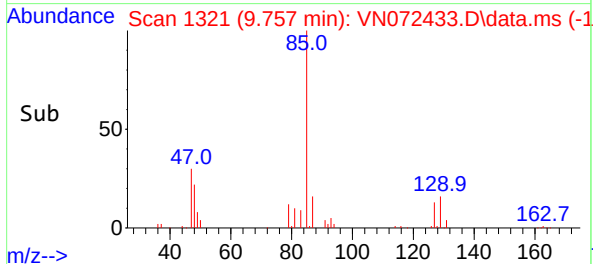
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



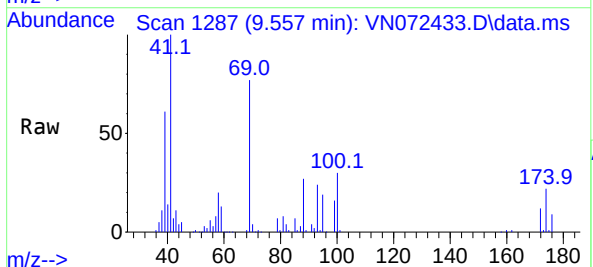
Tgt Ion: 83 Resp: 17201
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

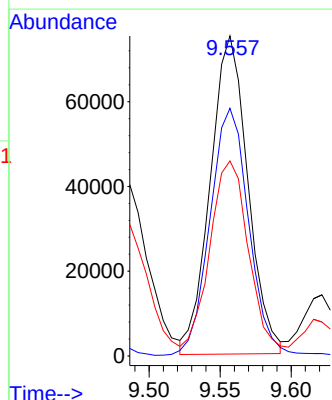
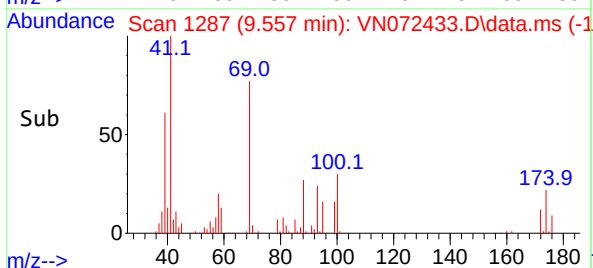
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

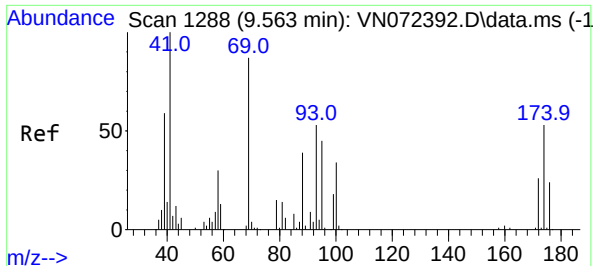


#48
Methyl methacrylate
Concen: 51.236 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



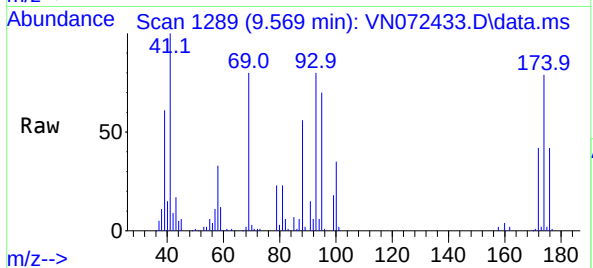
Tgt Ion: 41 Resp: 138021
Ion Ratio Lower Upper
41 100
69 80.3 74.7 112.1
39 64.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1130.759 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

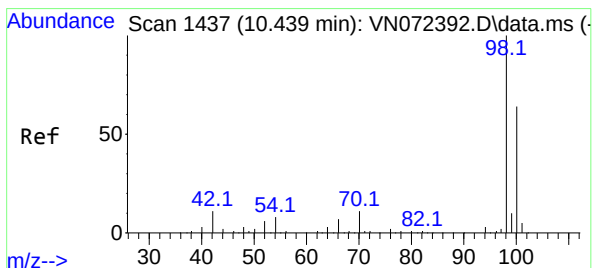
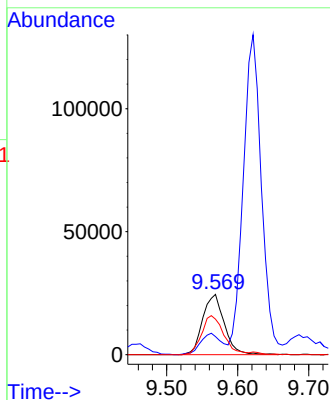
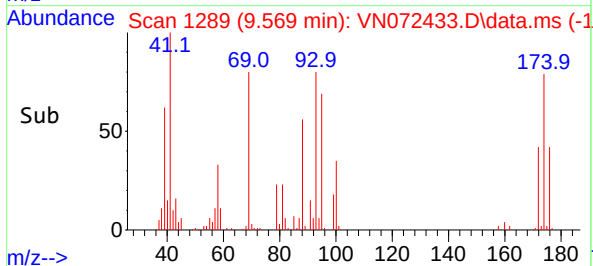
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



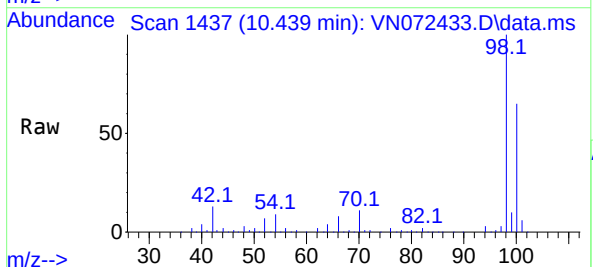
Tgt Ion: 88 Resp: 5196
Ion Ratio Lower Upper
88 100
43 35.2 20.2 30.4
58 66.1 54.2 81.4

Manual Integrations
APPROVED

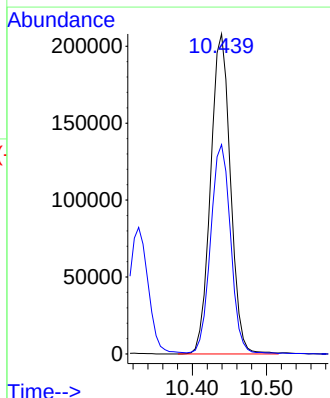
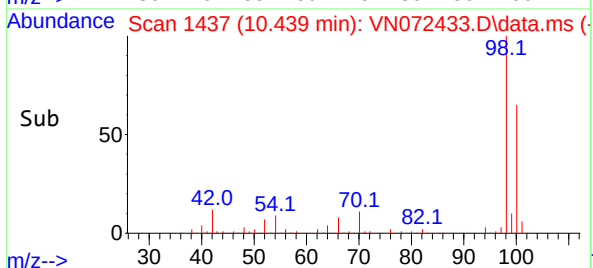
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

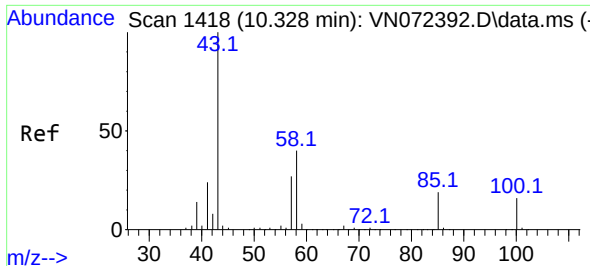


#50
Toluene-d8
Concen: 46.589 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 98 Resp: 387047
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





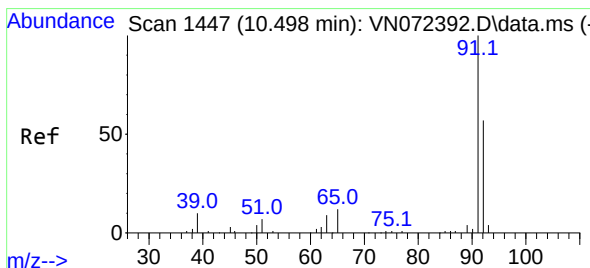
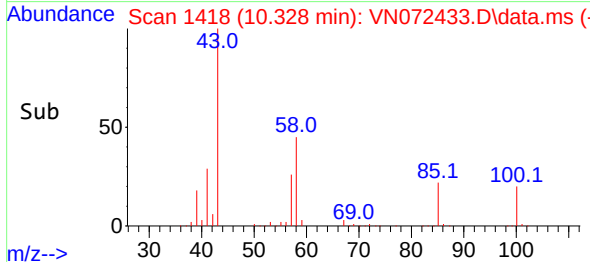
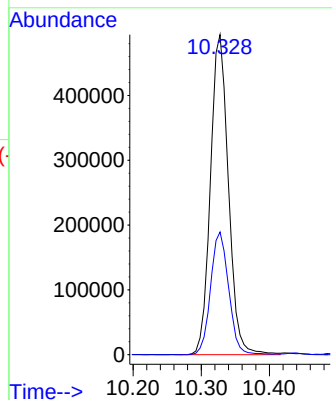
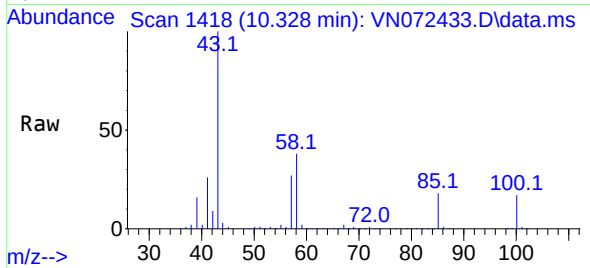
#51
4-Methyl-2-Pentanone
Concen: 253.192 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 90775
Ion Ratio Lower Upper
43 100
58 38.4 34.1 51.1

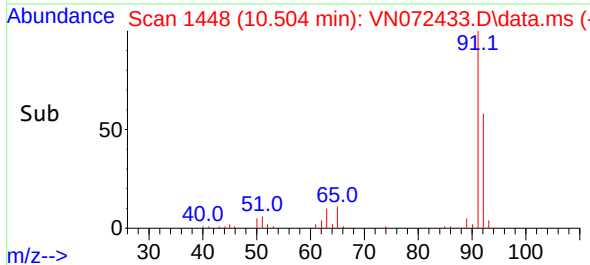
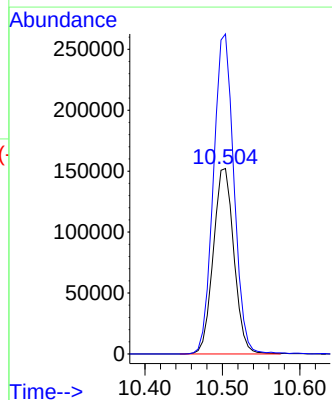
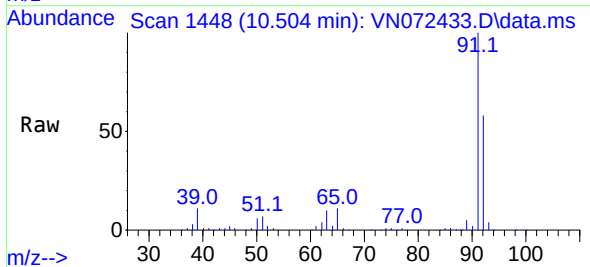
Manual Integrations
APPROVED

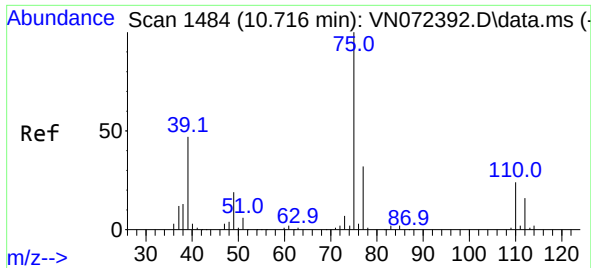
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#52
Toluene
Concen: 48.732 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

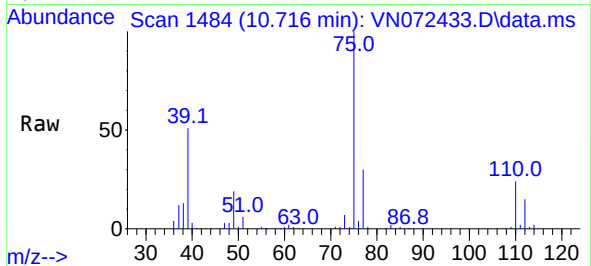
Tgt Ion: 92 Resp: 281241
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.748 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

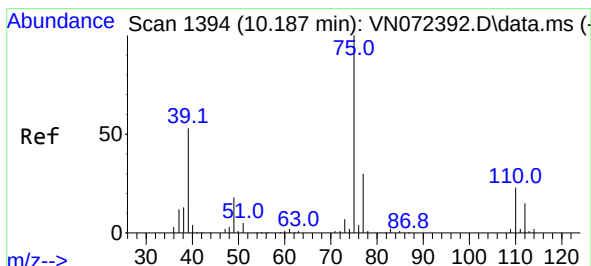
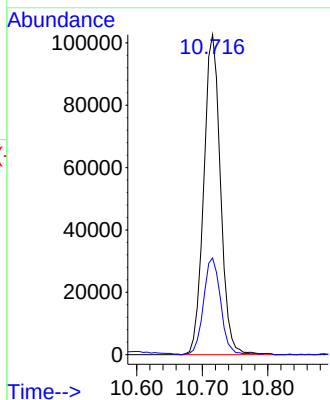
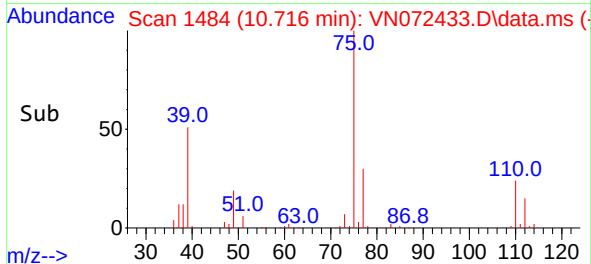
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



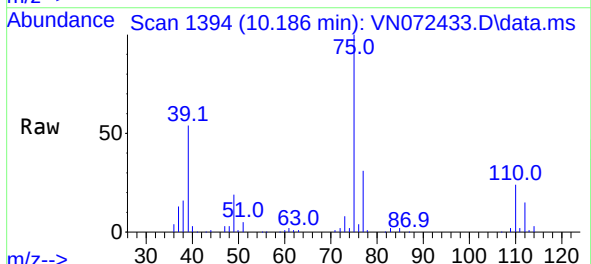
Tgt Ion: 75 Resp: 18217
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

Manual Integrations
APPROVED

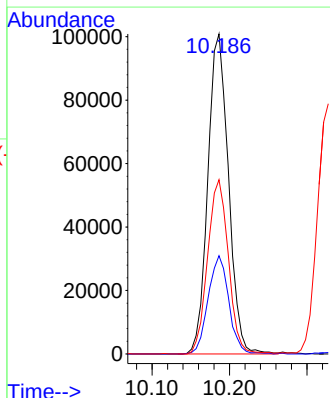
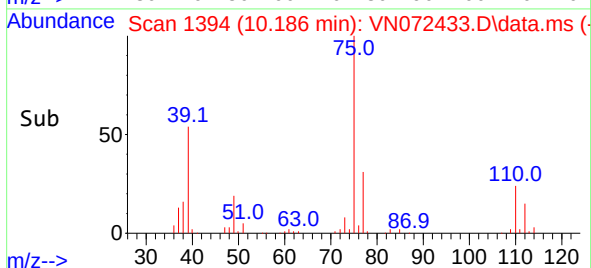
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

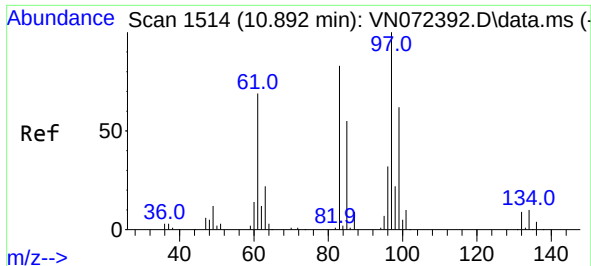


#54
cis-1,3-Dichloropropene
Concen: 50.703 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



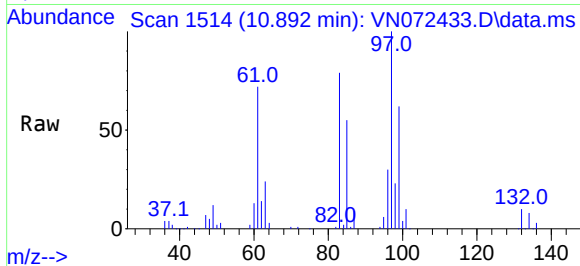
Tgt Ion: 75 Resp: 186827
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 54.4 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 47.282 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

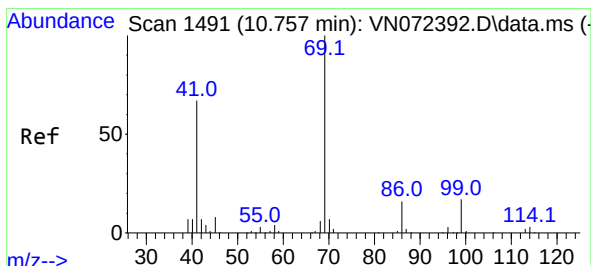
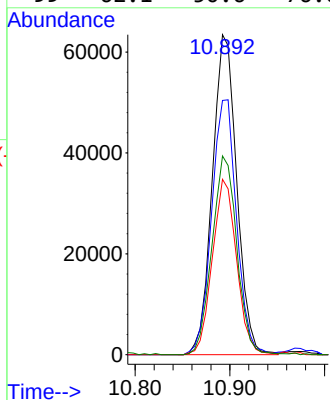
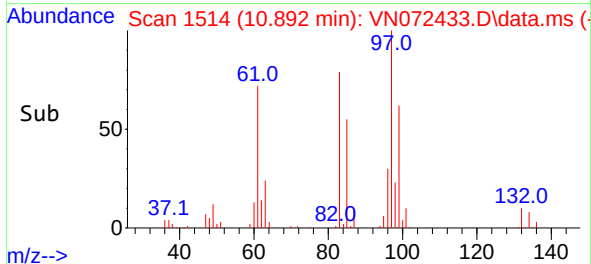


Tgt Ion: 97 Resp: 113670

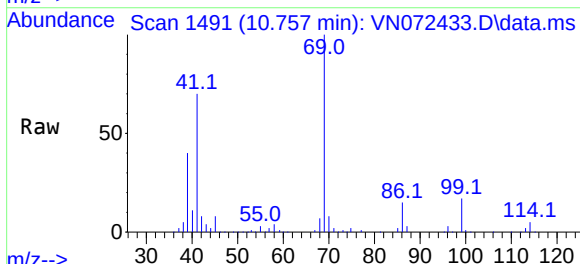
Ion	Ratio	Lower	Upper
97	100		
83	79.5	66.2	99.4
85	54.8	43.9	65.9
99	62.1	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

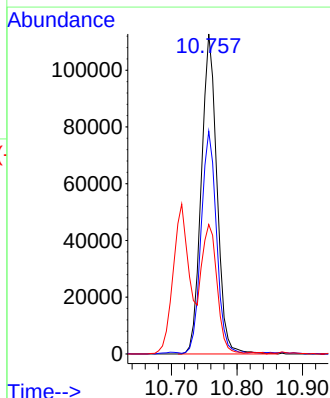
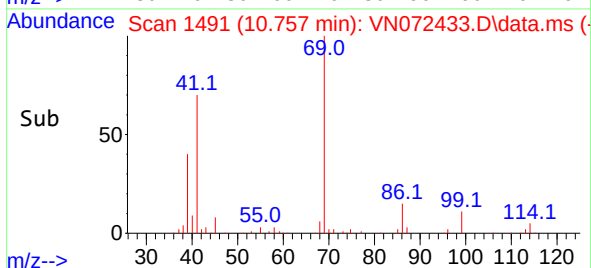


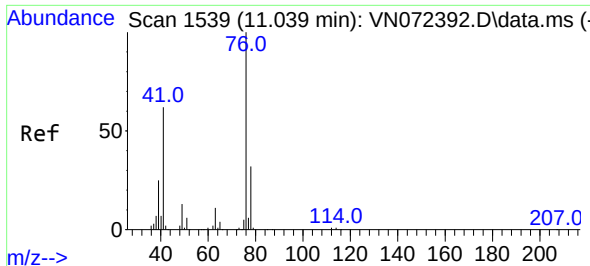
#56
Ethyl methacrylate
Concen: 54.305 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 69 Resp: 187118

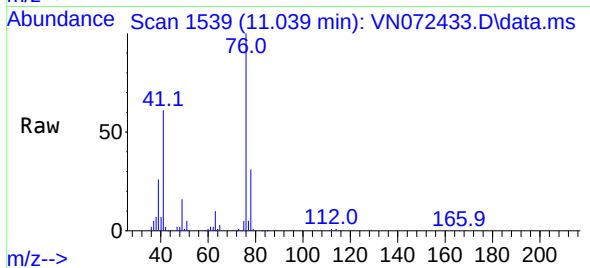
Ion	Ratio	Lower	Upper
69	100		
41	68.3	47.8	71.6
39	39.0	27.3	40.9





#57
1,3-Dichloropropane
Concen: 48.922 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

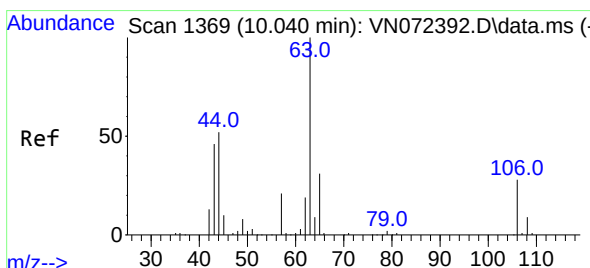
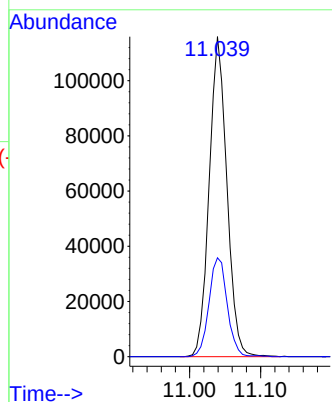
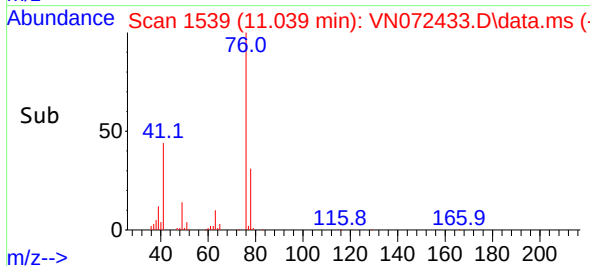
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



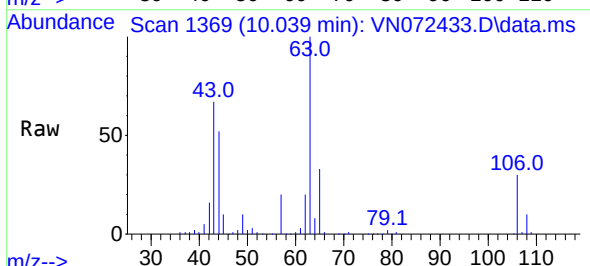
Tgt Ion: 76 Resp: 200280
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.2

Manual Integrations
APPROVED

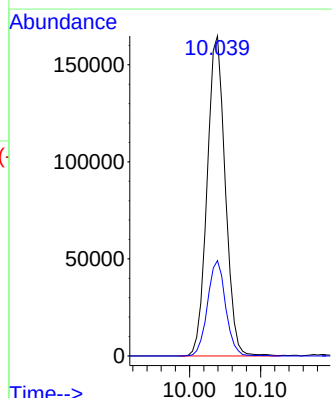
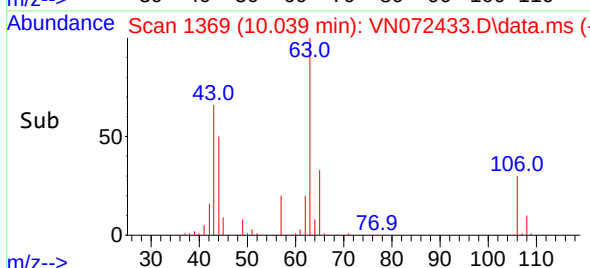
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

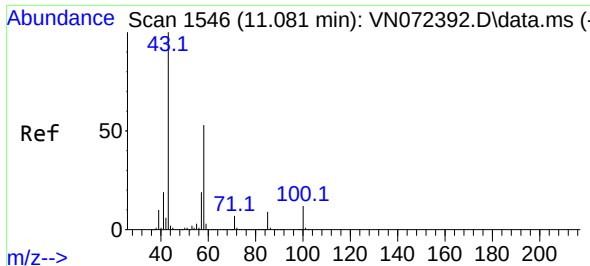


#58
2-Chloroethyl Vinyl ether
Concen: 309.542 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 63 Resp: 292461
Ion Ratio Lower Upper
63 100
106 29.7 24.6 36.8





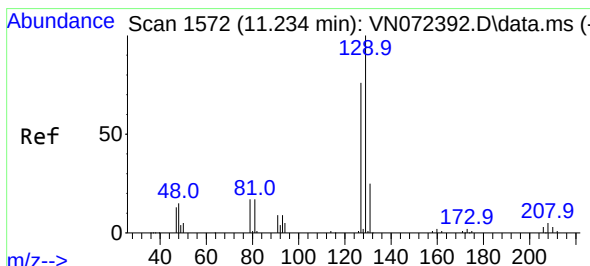
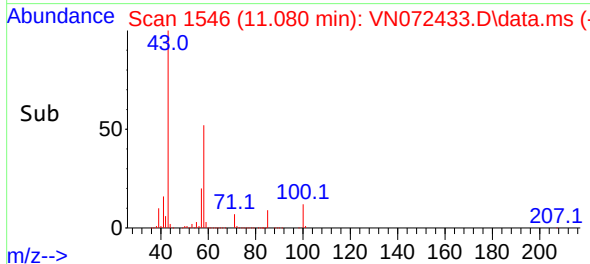
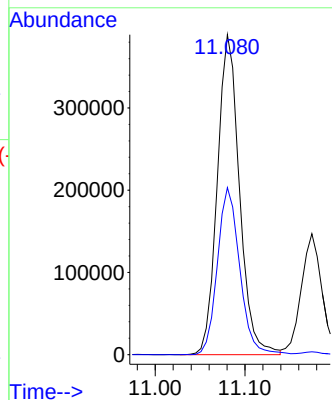
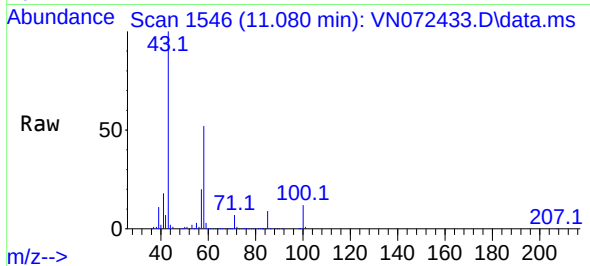
#59
2-Hexanone
Concen: 265.859 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66834
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1

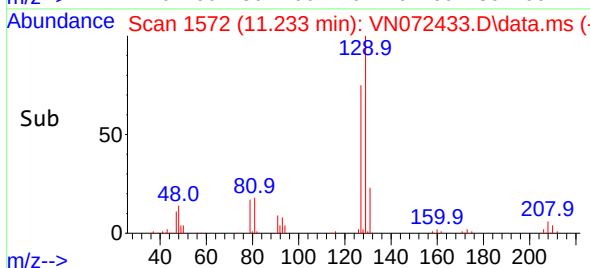
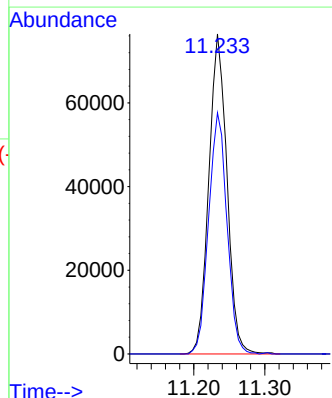
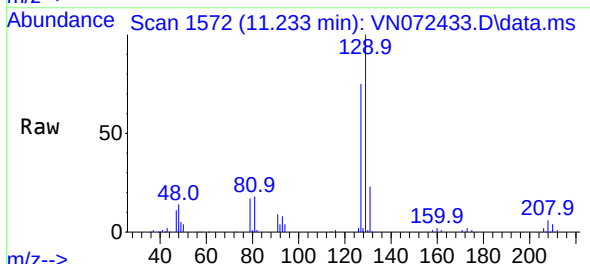
Manual Integrations
APPROVED

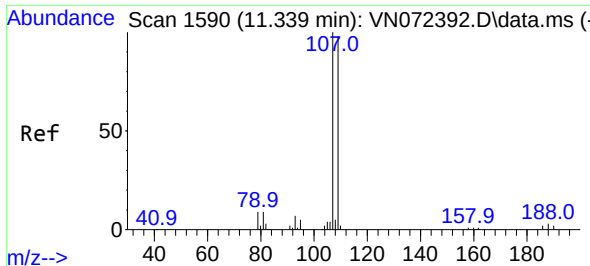
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#60
Dibromochloromethane
Concen: 53.103 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

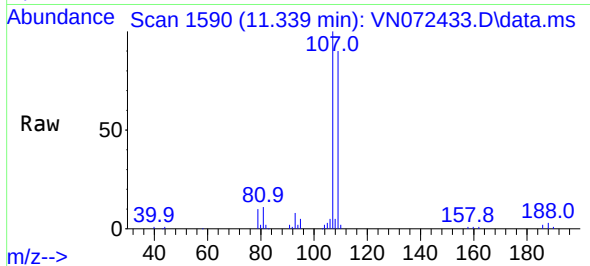
Tgt Ion:129 Resp: 135621
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.137 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

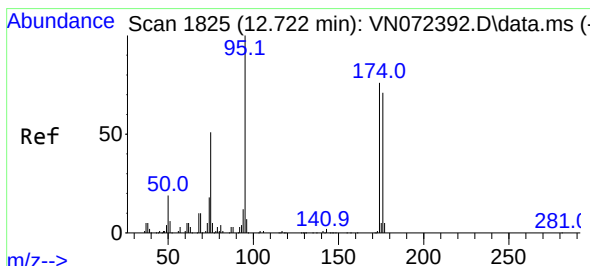
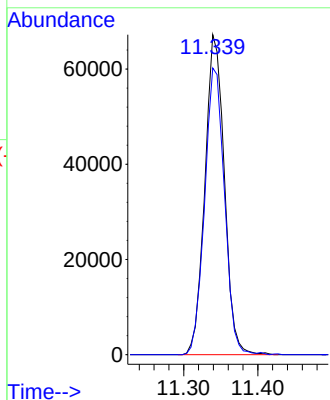
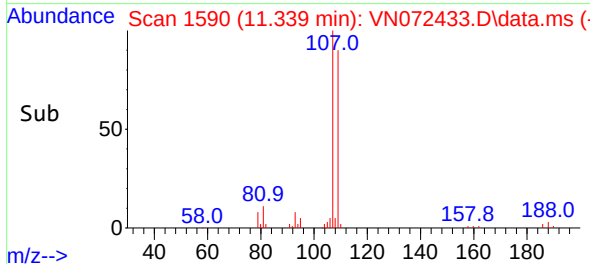
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



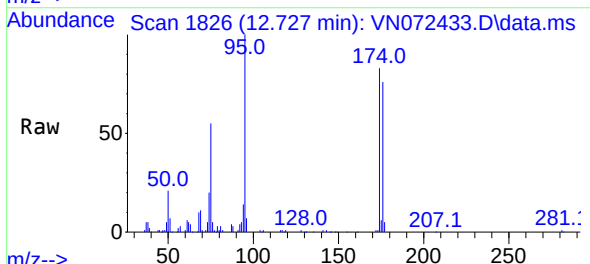
Tgt Ion:107 Resp: 12252
Ion Ratio Lower Upper
107 100
109 91.5 75.0 112.6

Manual Integrations
APPROVED

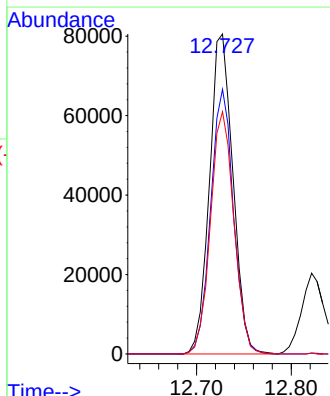
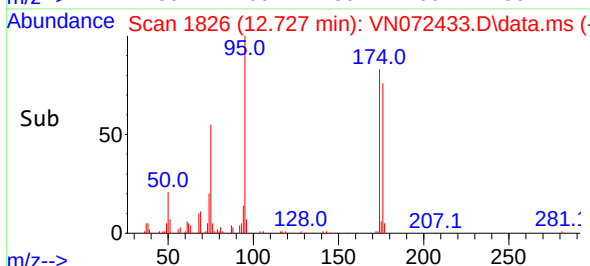
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

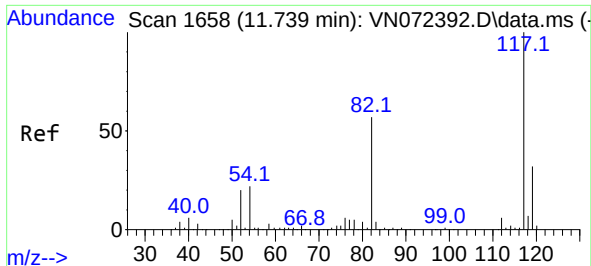


#62
4-Bromofluorobenzene
Concen: 50.278 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



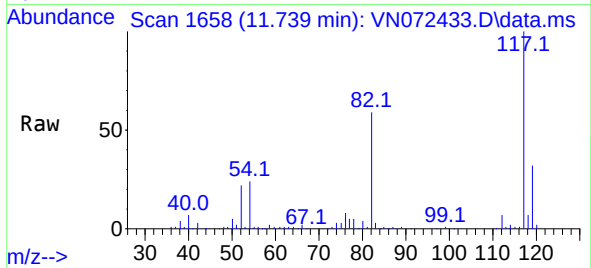
Tgt Ion: 95 Resp: 138718
Ion Ratio Lower Upper
95 100
174 80.6 0.0 167.6
176 75.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

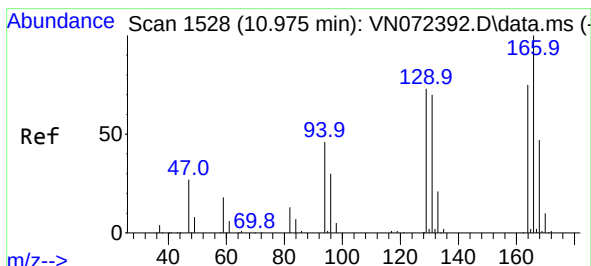
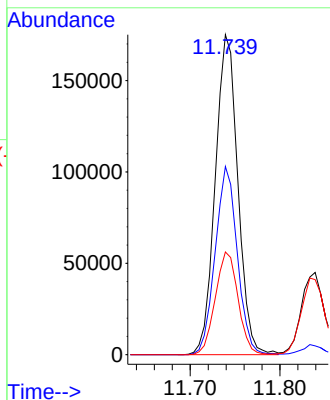
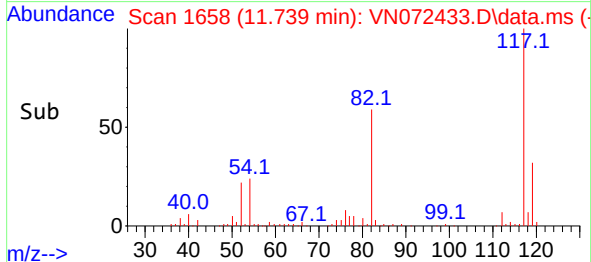
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



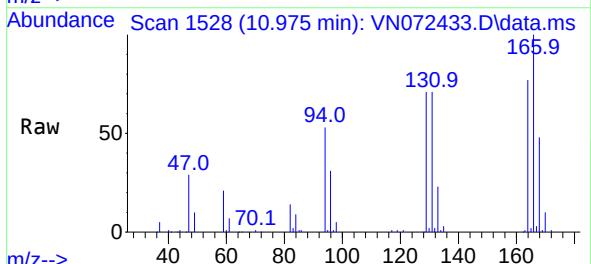
Tgt Ion:117 Resp: 306224
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
APPROVED

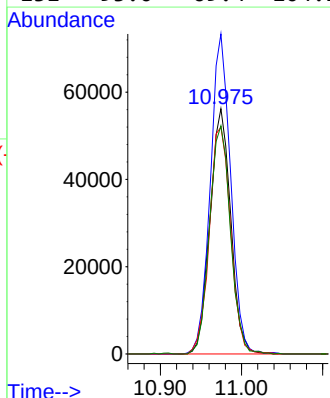
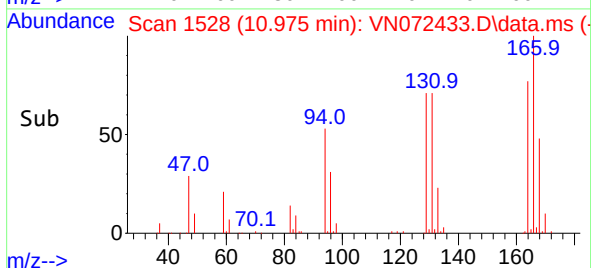
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

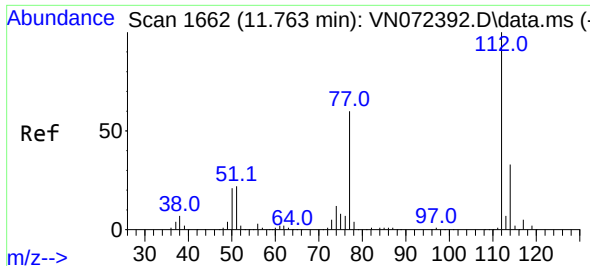


#64
Tetrachloroethene
Concen: 45.232 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



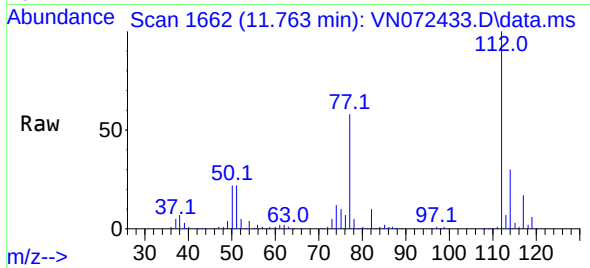
Tgt Ion:164 Resp: 99700
Ion Ratio Lower Upper
164 100
166 130.5 104.2 156.2
129 92.5 73.9 110.9
131 93.0 69.4 104.2





#65
Chlorobenzene
Concen: 47.756 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

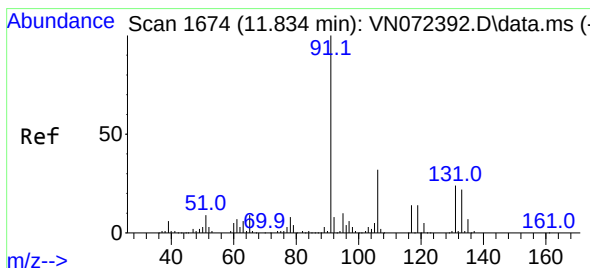
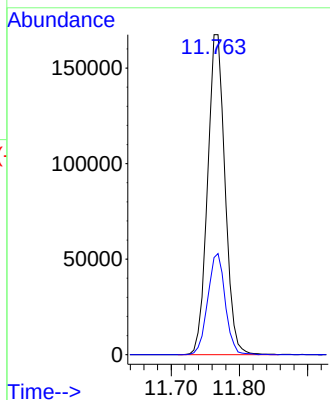
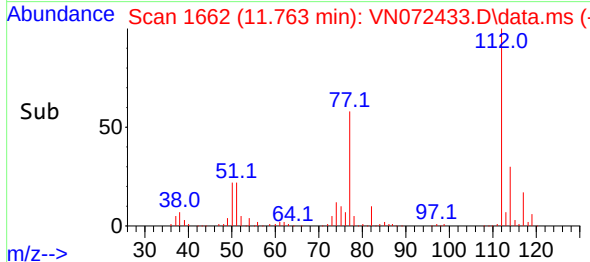
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



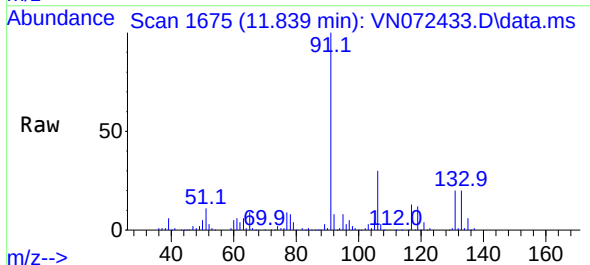
Tgt Ion:112 Resp: 298783
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2

Manual Integrations
APPROVED

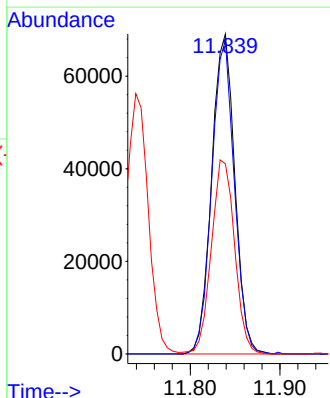
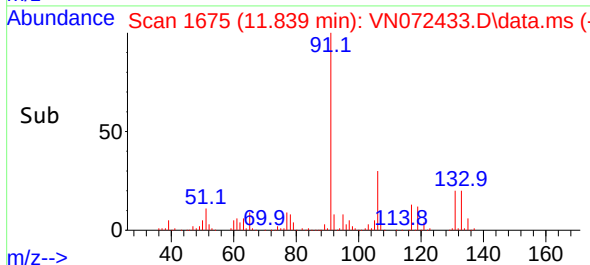
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

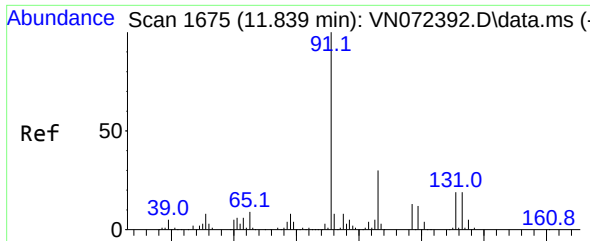


#66
1,1,1,2-Tetrachloroethane
Concen: 49.375 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.005 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



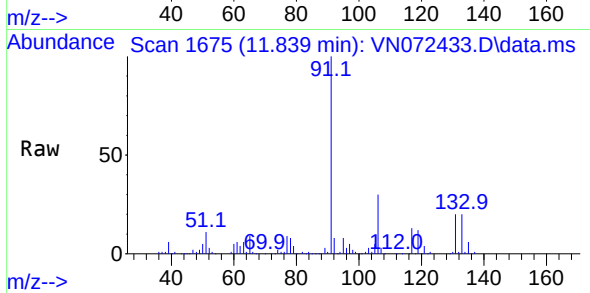
Tgt Ion:131 Resp: 123644
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 61.0 33.4 100.2





#67
Ethyl Benzene
Concen: 51.791 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

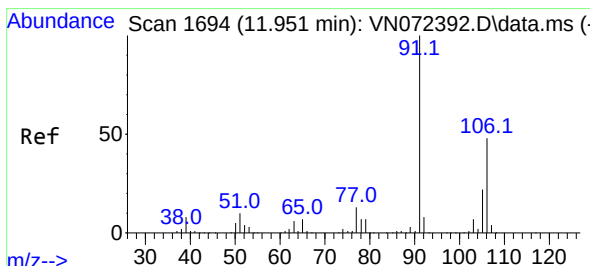
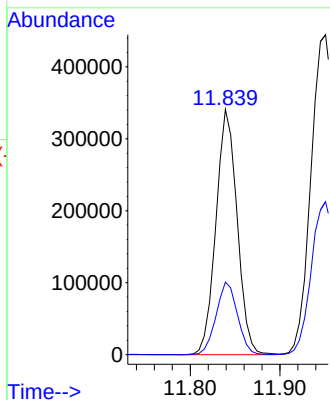
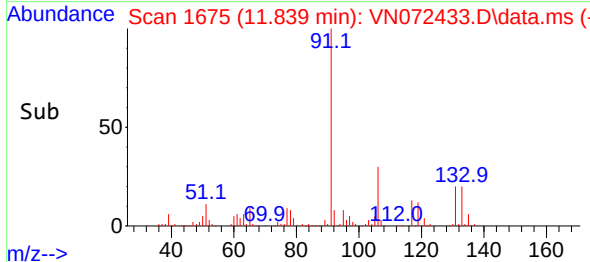
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



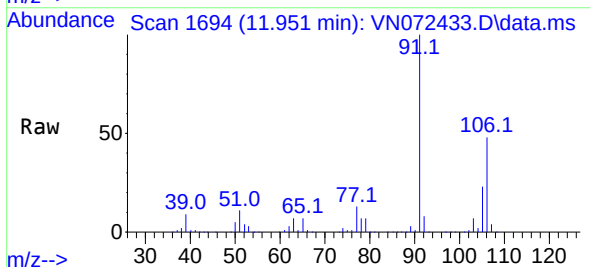
Tgt Ion: 91 Resp: 559070
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

Manual Integrations
APPROVED

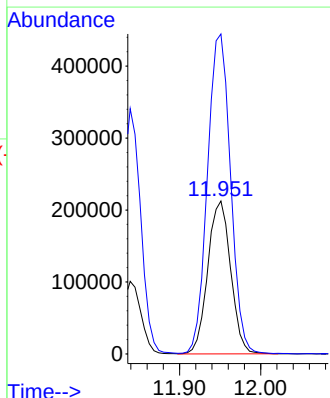
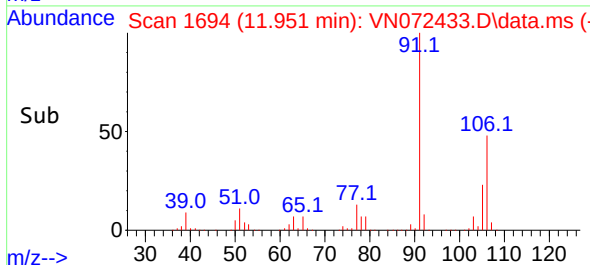
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

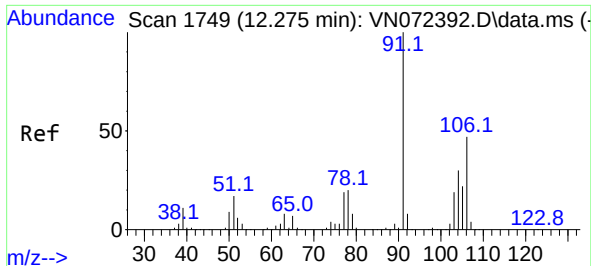


#68
m/p-Xylenes
Concen: 101.610 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion:106 Resp: 416000
Ion Ratio Lower Upper
106 100
91 211.3 158.9 238.3





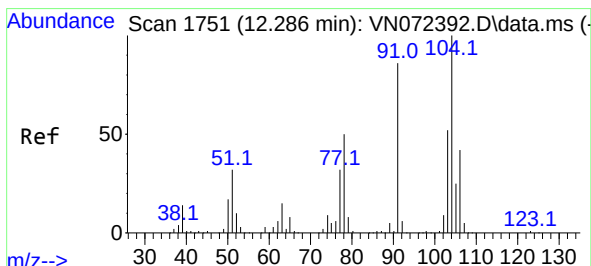
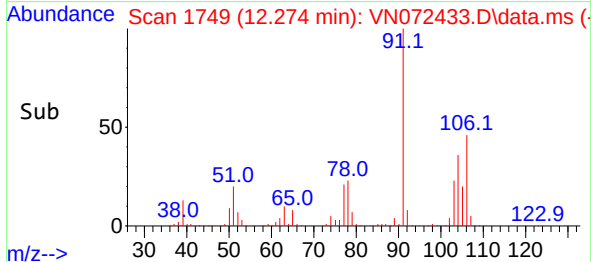
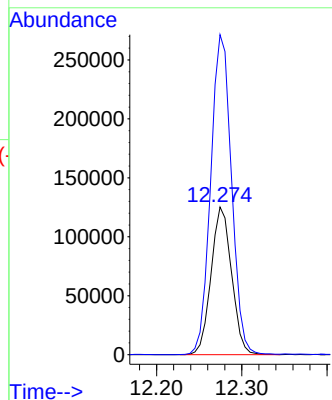
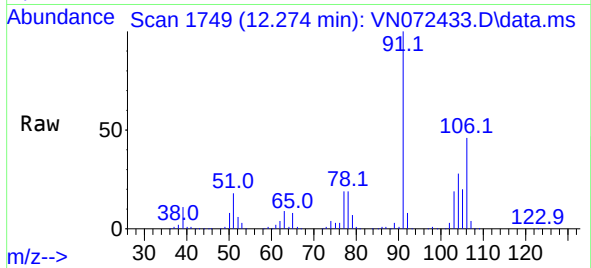
#69
o-Xylene
Concen: 52.120 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 20965
Ion Ratio Lower Upper
106 100
91 219.8 106.0 318.0

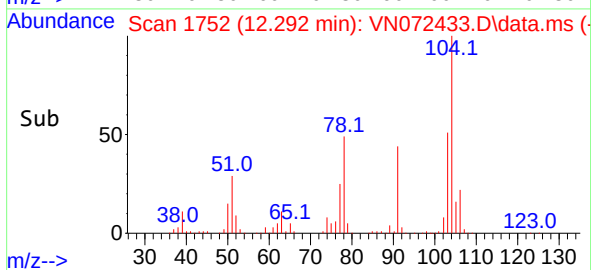
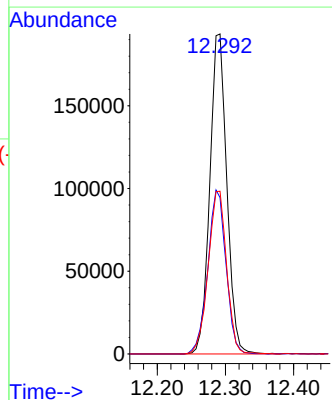
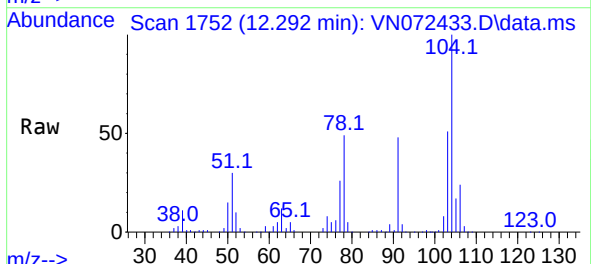
Manual Integrations
APPROVED

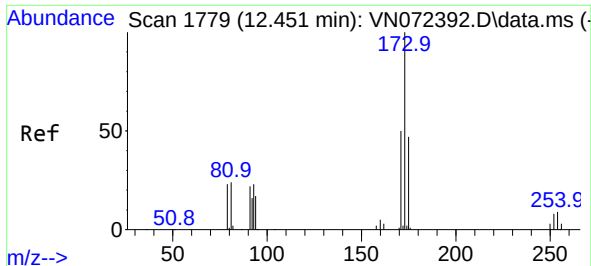
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#70
Styrene
Concen: 54.521 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

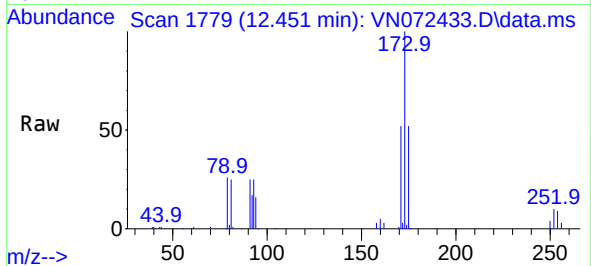
Tgt Ion:104 Resp: 335516
Ion Ratio Lower Upper
104 100
78 54.8 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 53.848 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

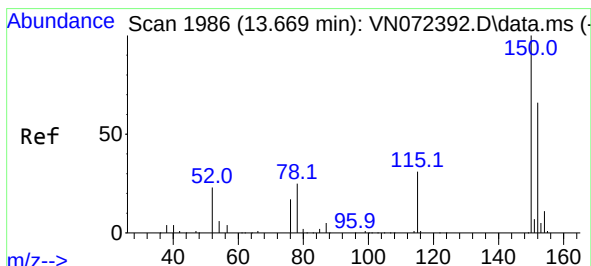
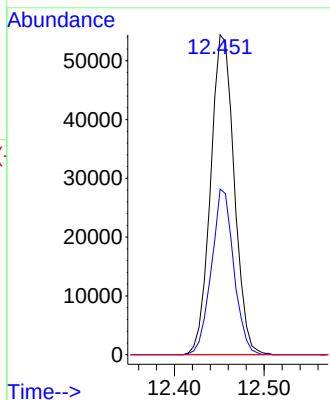
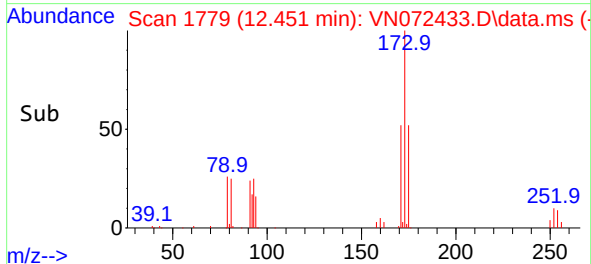
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



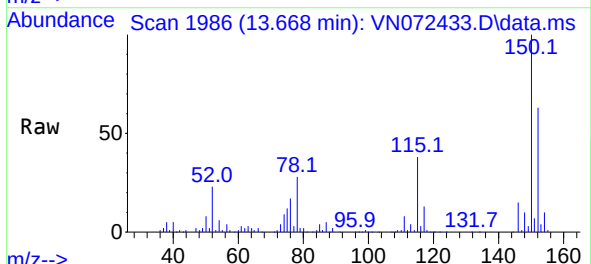
Tgt Ion:173 Resp: 99469
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

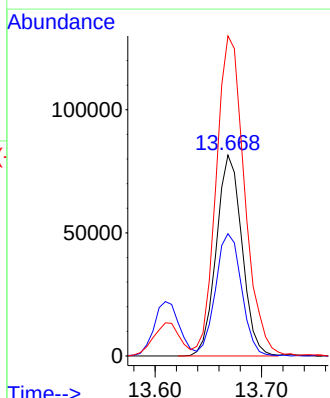
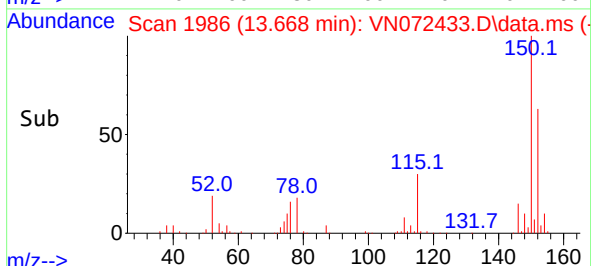
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

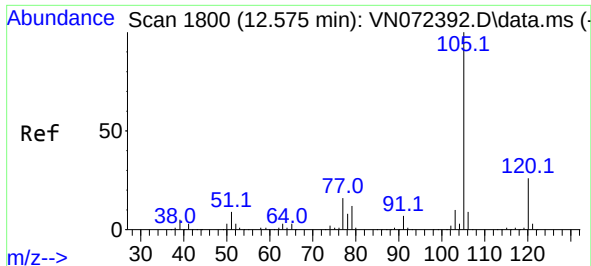


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion:152 Resp: 136416
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 175.1 0.0 356.2





#73
Isopropylbenzene
Concen: 48.783 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

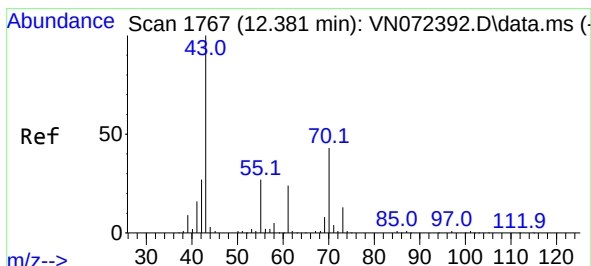
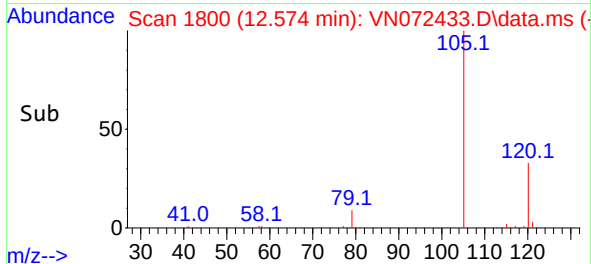
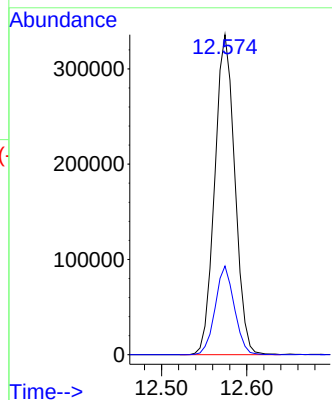
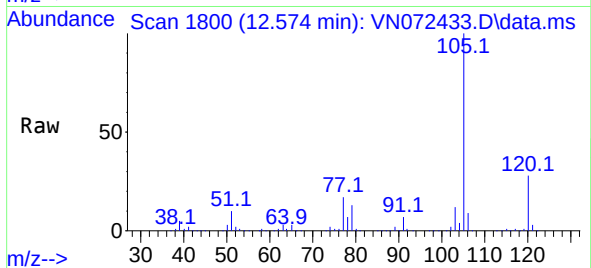
VSTDCCC050

Tgt Ion:105 Resp: 551290
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations

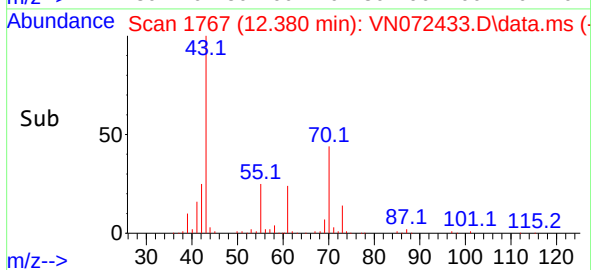
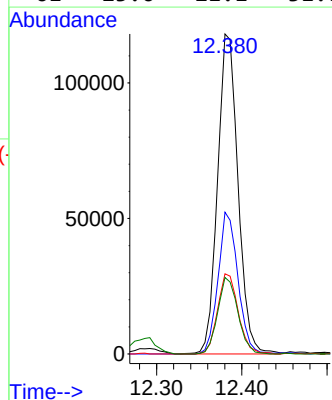
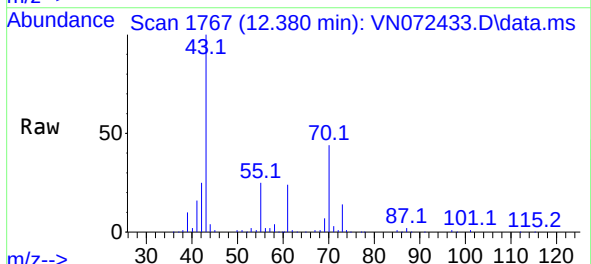
APPROVED

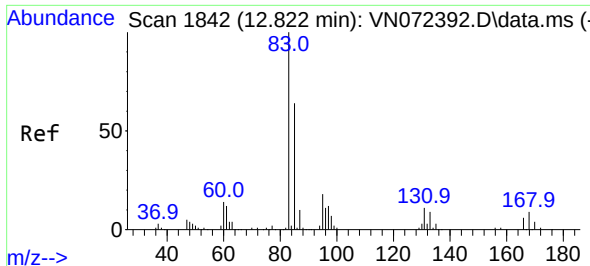
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#74
N-ethyl acetate
Concen: 49.328 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

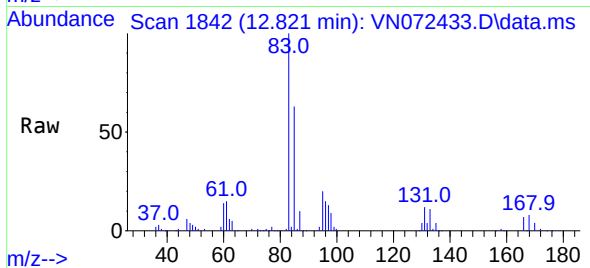
Tgt Ion: 43 Resp: 197042
Ion Ratio Lower Upper
43 100
70 43.0 39.0 58.4
55 25.3 21.1 31.7
61 23.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 42.618 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

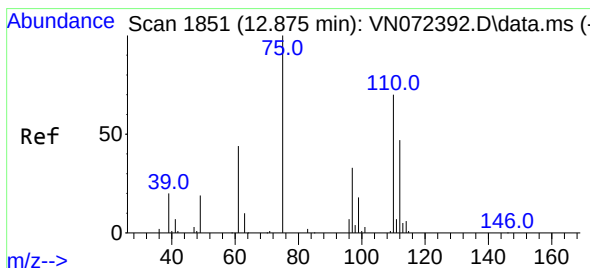
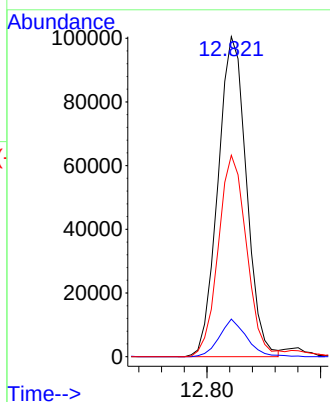
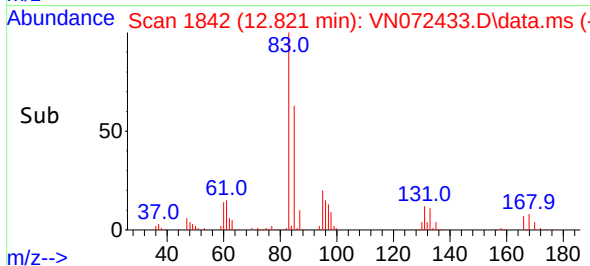
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



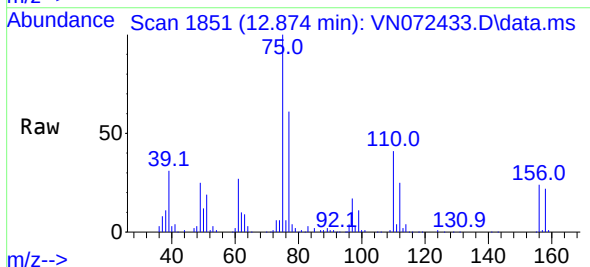
Tgt Ion: 83 Resp: 174850
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.9
85 62.8 32.3 96.9

Manual Integrations
APPROVED

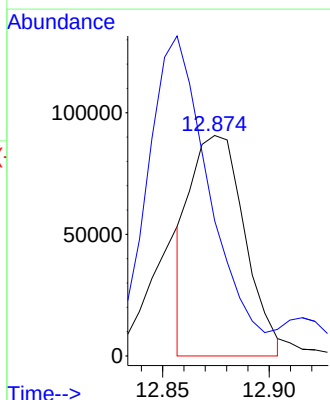
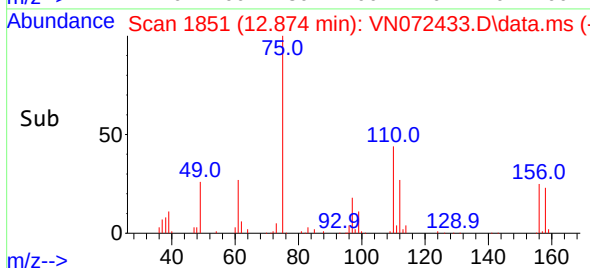
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

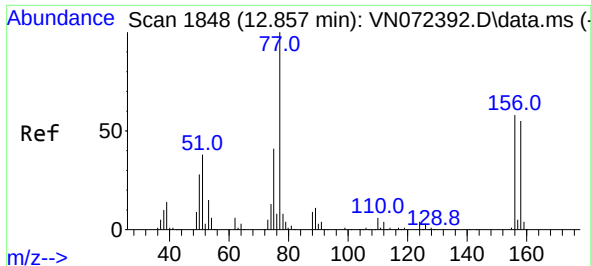


#76
1,2,3-Trichloropropane
Concen: 45.112 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



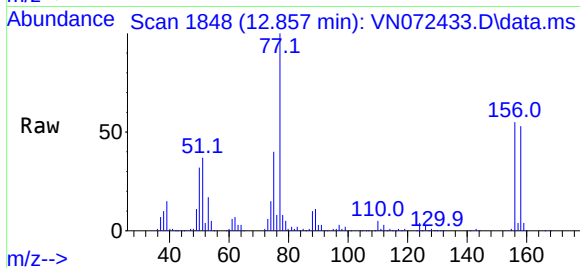
Tgt Ion: 75 Resp: 160510
Ion Ratio Lower Upper
75 100
77 166.8 98.5 295.5





#77
Bromobenzene
Concen: 47.331 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

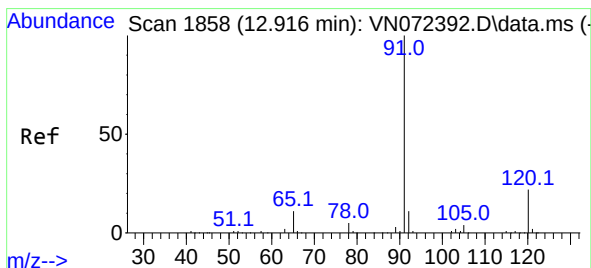
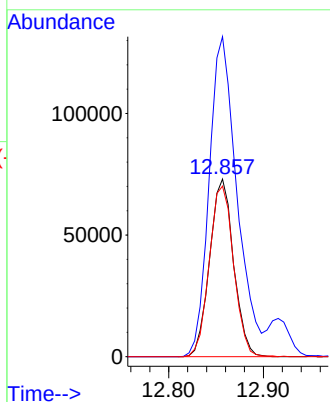
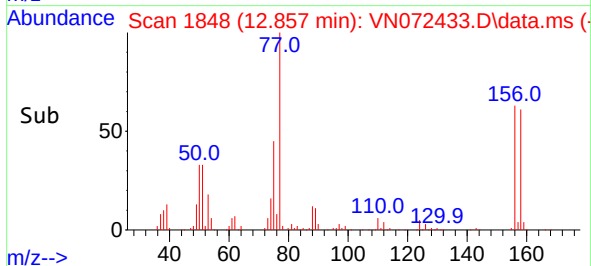
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



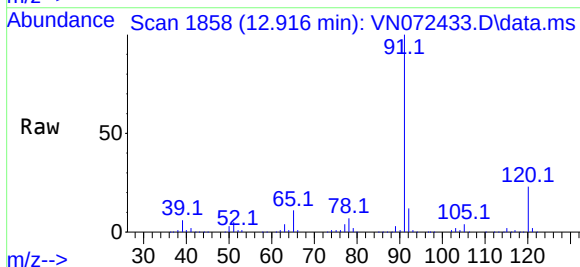
Tgt Ion:156 Resp: 127970
Ion Ratio Lower Upper
156 100
77 209.2 100.5 301.5
158 97.7 48.9 146.6

Manual Integrations
APPROVED

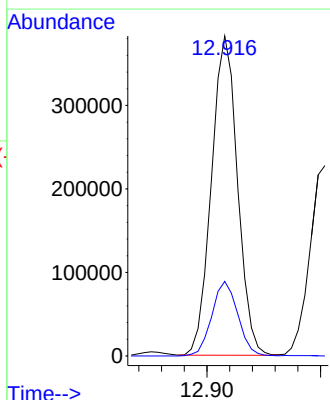
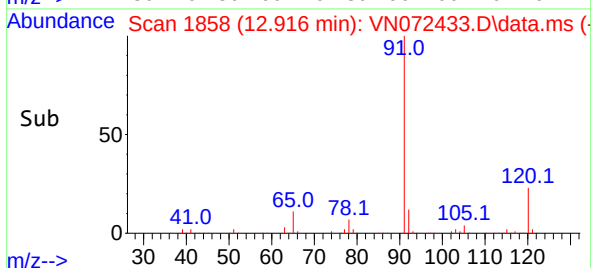
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

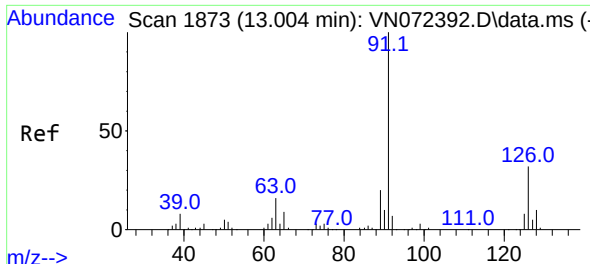


#78
n-propylbenzene
Concen: 50.481 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 91 Resp: 610461
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.188 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

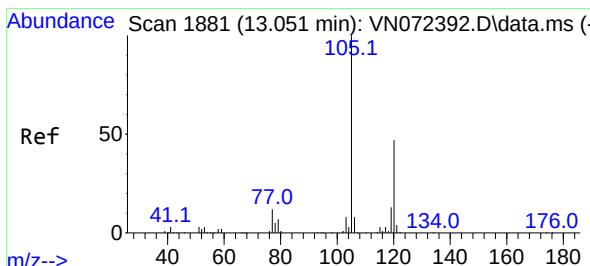
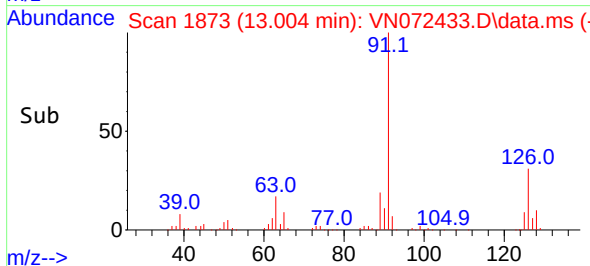
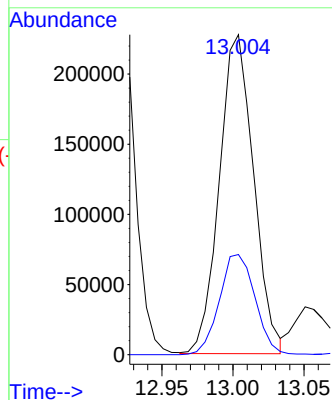
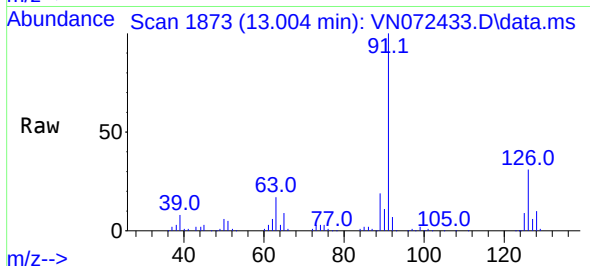
VSTDCCC050

Tgt Ion: 91 Resp: 38282
Ion Ratio Lower Upper
91 100
126 32.7 17.3 51.9

Manual Integrations

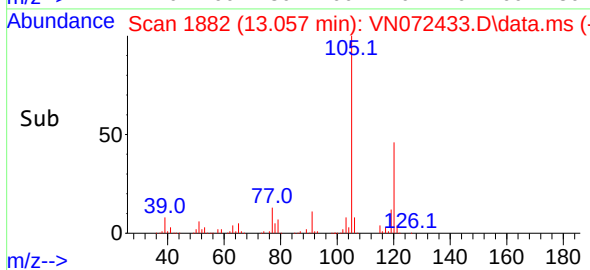
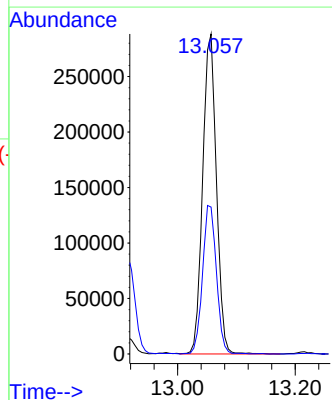
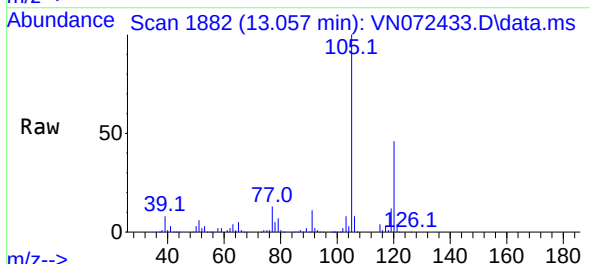
APPROVED

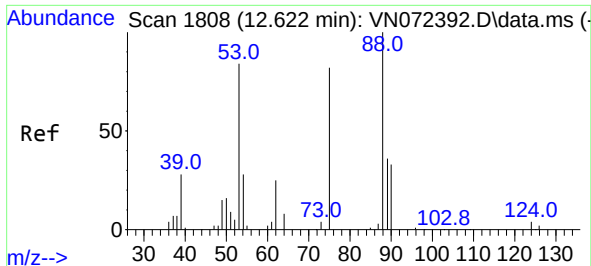
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.371 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Tgt Ion:105 Resp: 466218
Ion Ratio Lower Upper
105 100
120 46.9 24.9 74.7





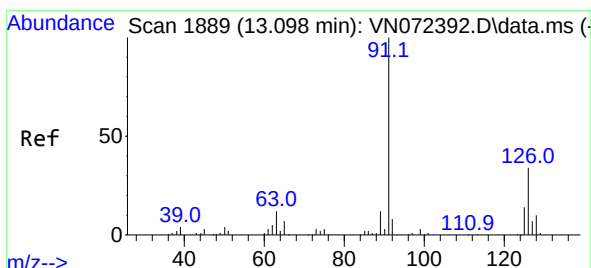
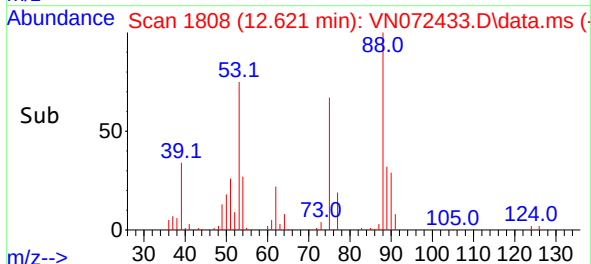
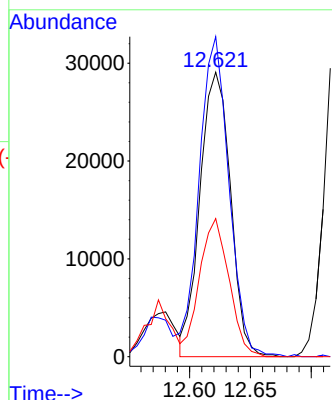
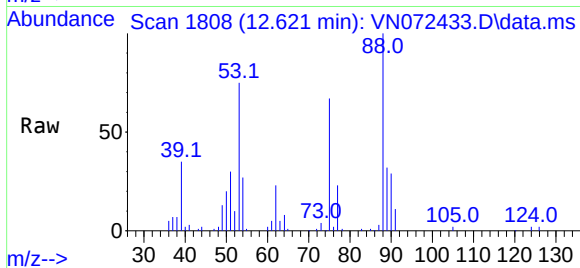
#81
trans-1,4-Dichloro-2-butene
Concen: 47.559 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5072
Ion Ratio Lower Upper
75 100
53 110.4 78.0 117.0
89 47.0 37.2 55.8

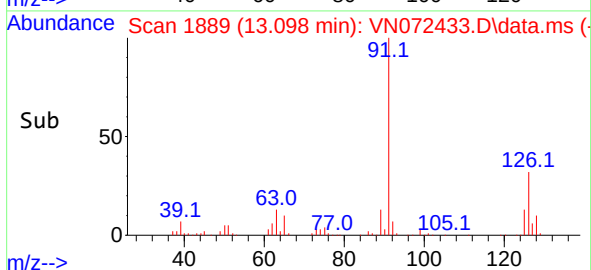
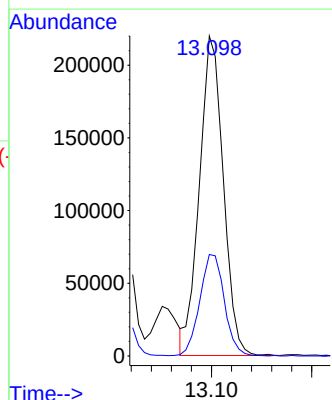
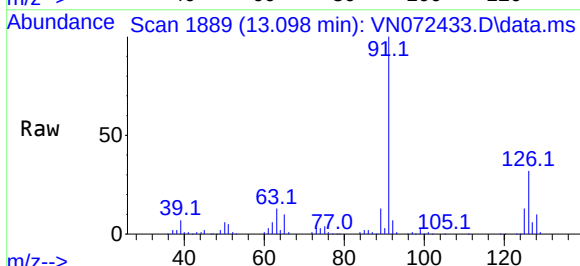
Manual Integrations
APPROVED

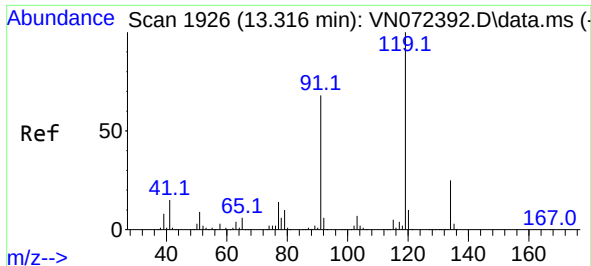
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#82
4-Chlorotoluene
Concen: 48.330 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

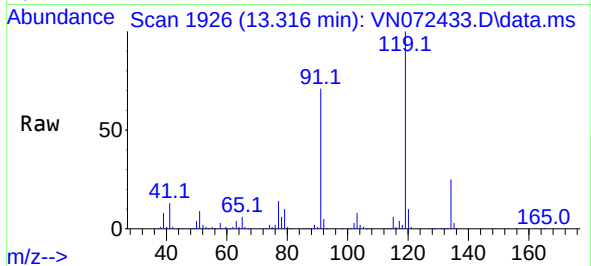
Tgt Ion: 91 Resp: 363868
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.446 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

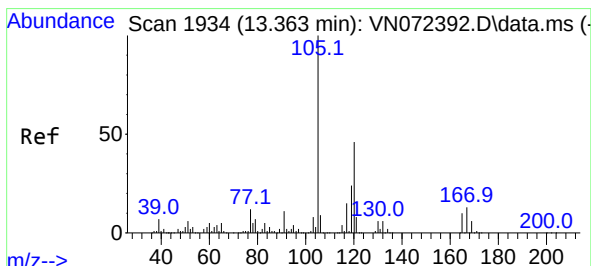
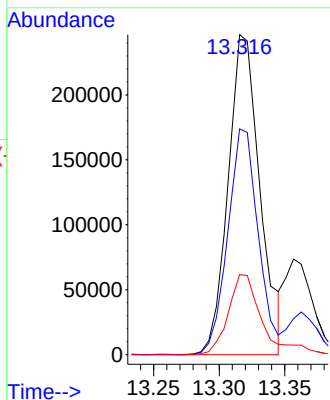
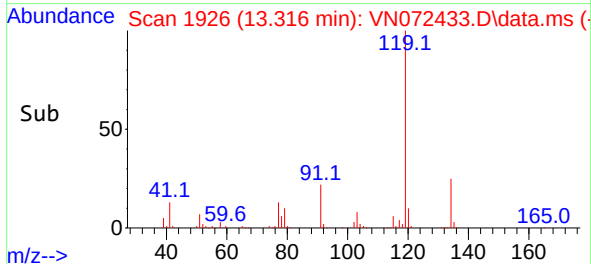
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



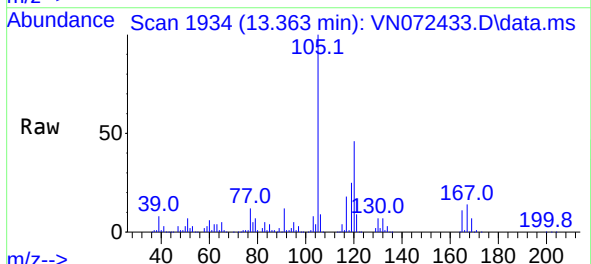
Tgt Ion:119 Resp: 416854
Ion Ratio Lower Upper
119 100
91 67.5 31.6 94.8
134 26.7 13.7 41.1

Manual Integrations
APPROVED

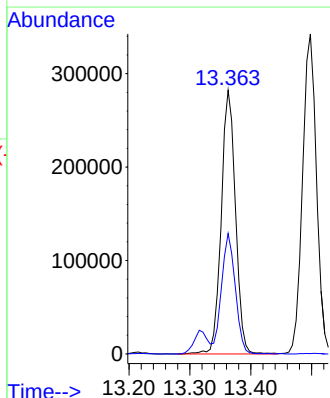
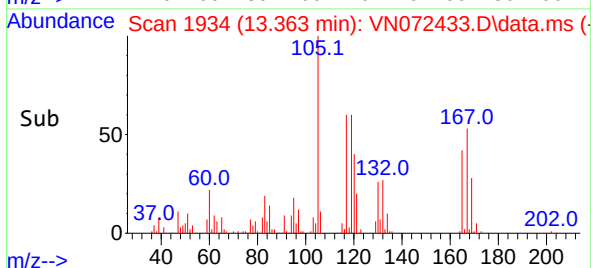
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

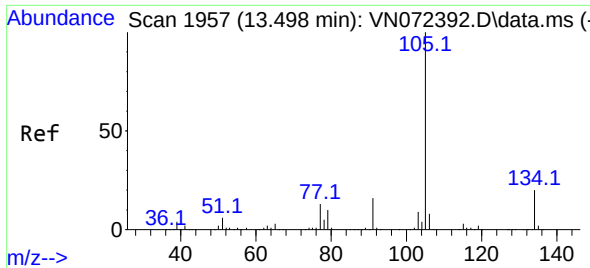


#84
1,2,4-Trimethylbenzene
Concen: 50.901 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion:105 Resp: 458298
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 50.423 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072433.D
 Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

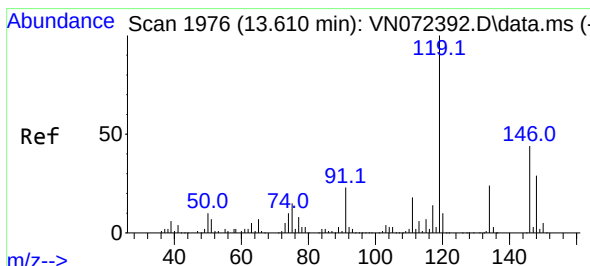
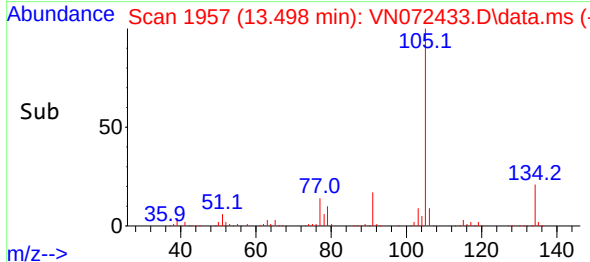
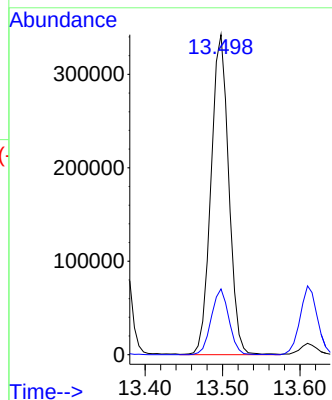
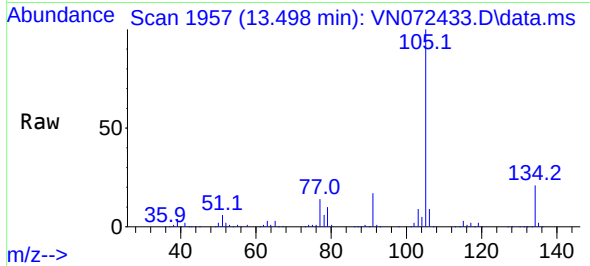
VSTDCCC050

Tgt Ion:105 Resp: 544878
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations

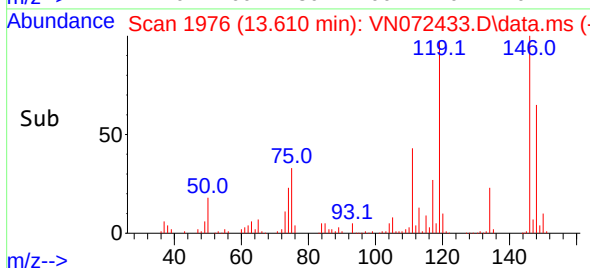
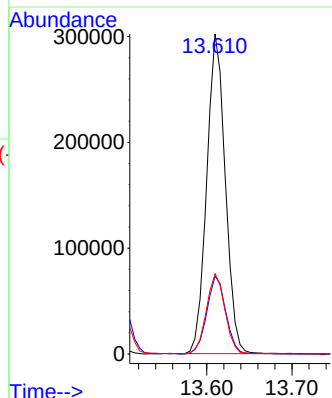
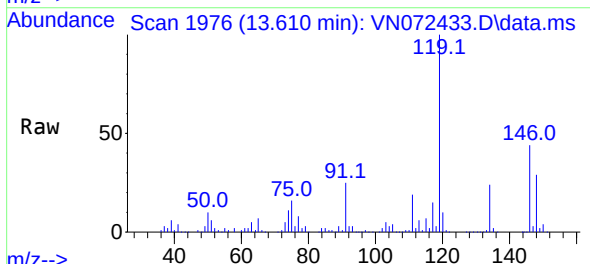
APPROVED

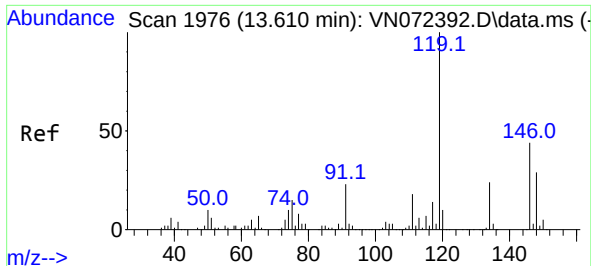
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#86
 p-Isopropyltoluene
 Concen: 54.231 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072433.D
 Acq: 11 May 2022 22:06

Tgt Ion:119 Resp: 456485
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.3 39.8
 91 24.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.980 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072433.D

Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22839

Ion Ratio Lower Upper

146 100

111 40.9 20.0 60.0

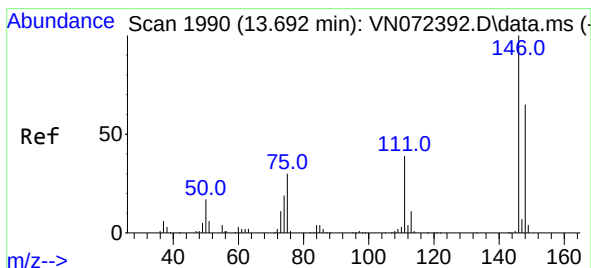
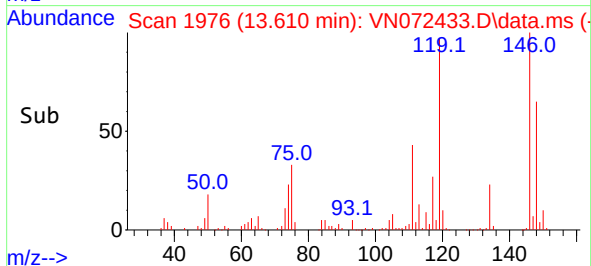
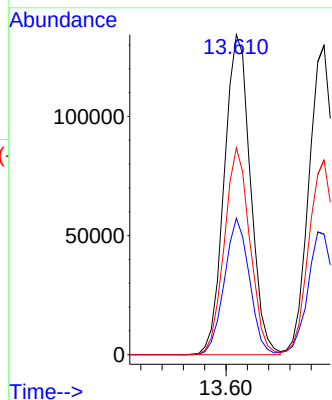
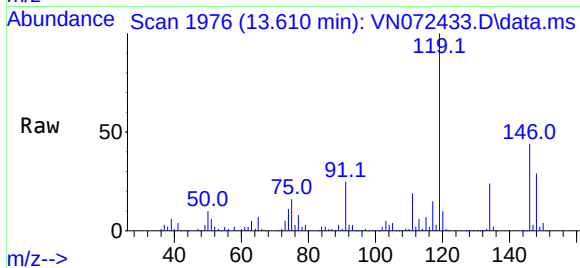
148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#88

1,4-Dichlorobenzene

Concen: 46.955 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN072433.D

Acq: 11 May 2022 22:06

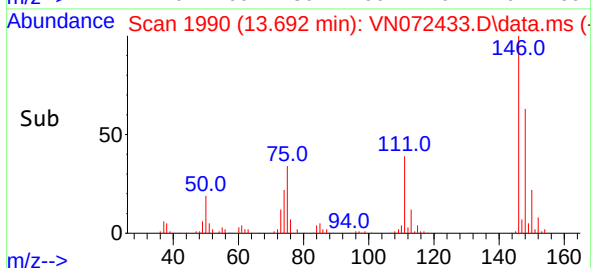
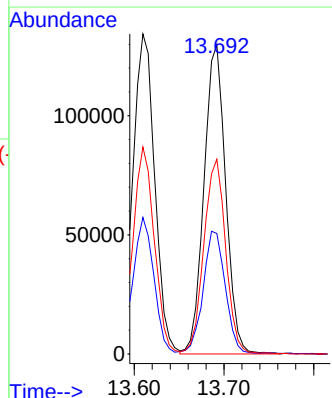
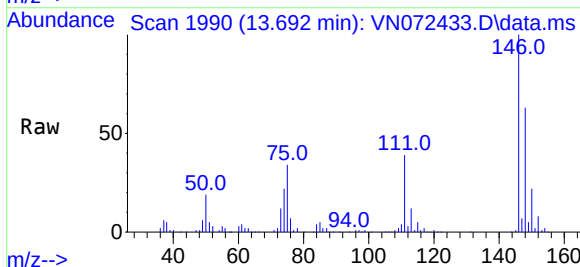
Tgt Ion:146 Resp: 217815

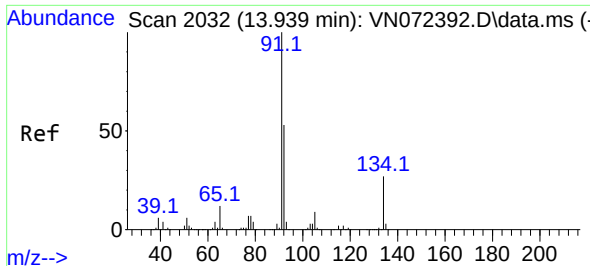
Ion Ratio Lower Upper

146 100

111 40.2 19.1 57.1

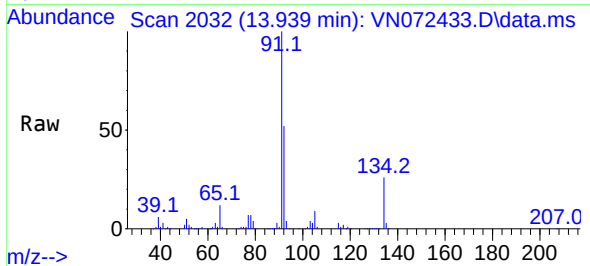
148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 52.730 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

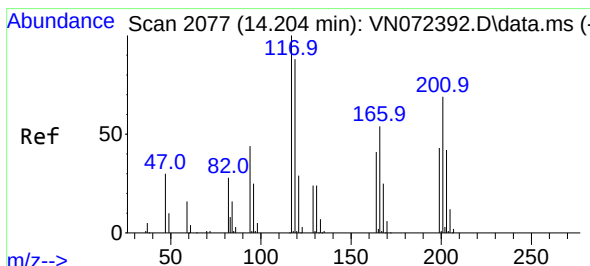
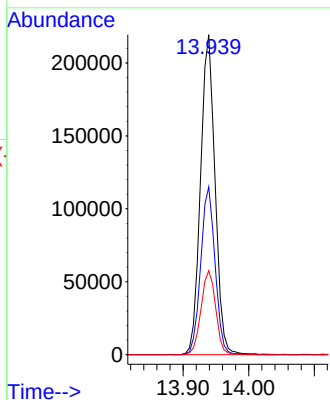
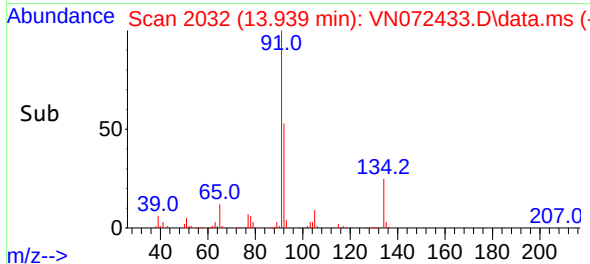
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 33928
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 26.4 13.6 40.8

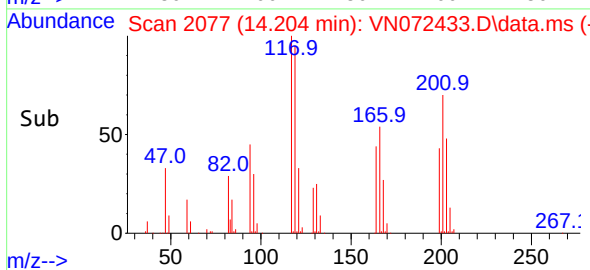
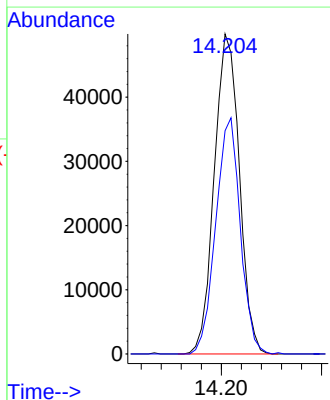
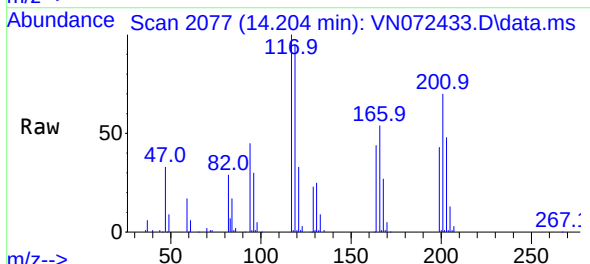
Manual Integrations
APPROVED

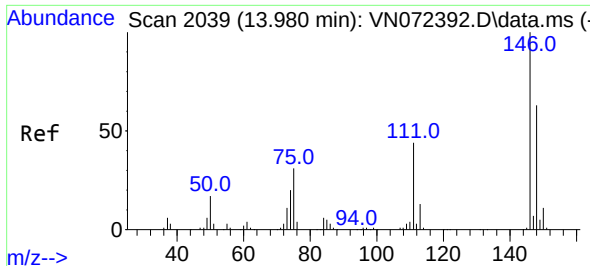
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#90
Hexachloroethane
Concen: 51.426 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

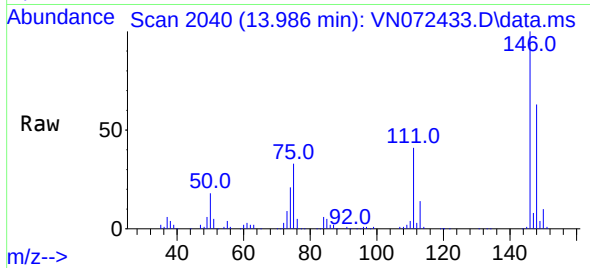
Tgt Ion:117 Resp: 86502
Ion Ratio Lower Upper
117 100
201 72.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.339 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

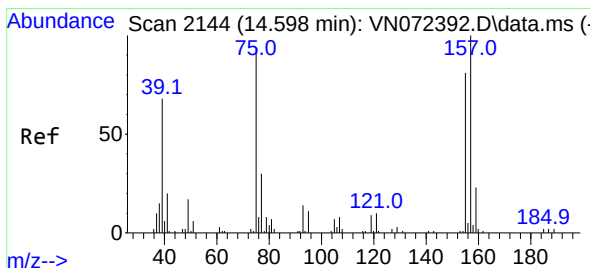
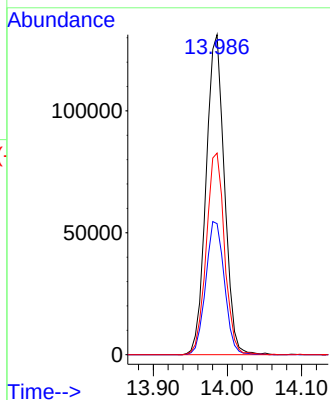
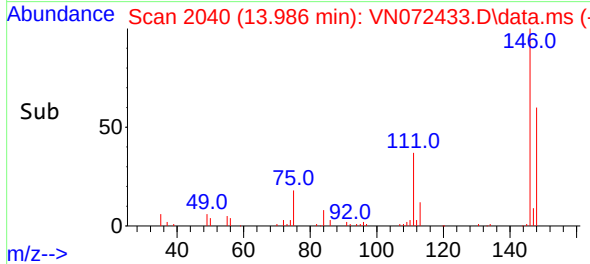
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



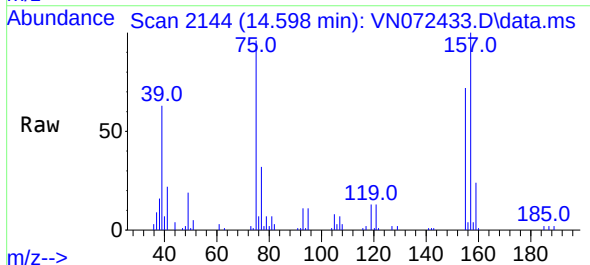
Tgt Ion:146 Resp: 225119
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 62.9 32.1 96.3

Manual Integrations
APPROVED

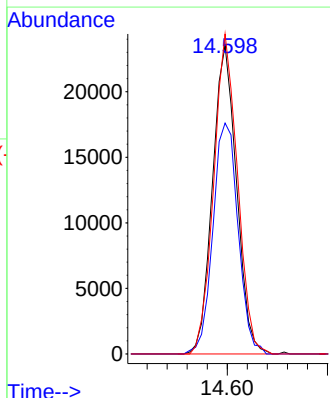
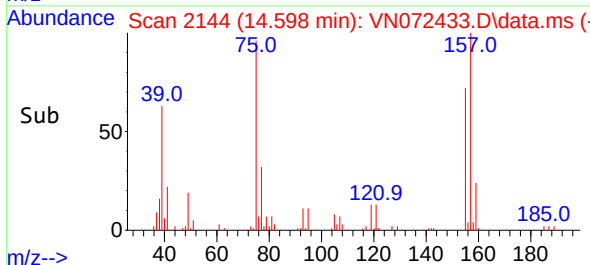
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

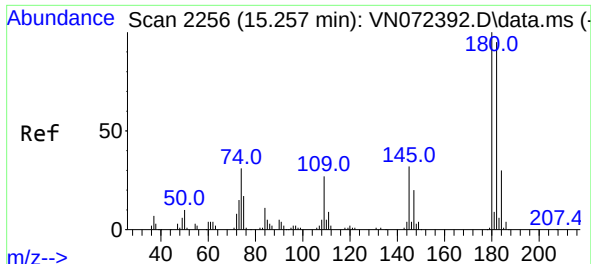


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.882 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06



Tgt Ion: 75 Resp: 39154
Ion Ratio Lower Upper
75 100
155 78.2 44.9 134.5
157 102.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 56.683 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

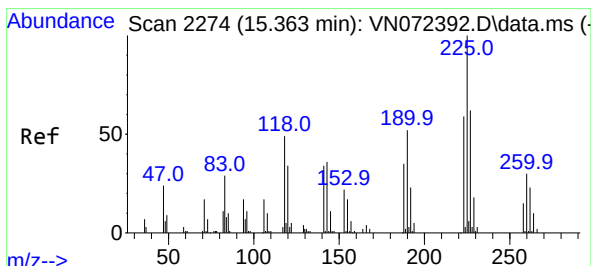
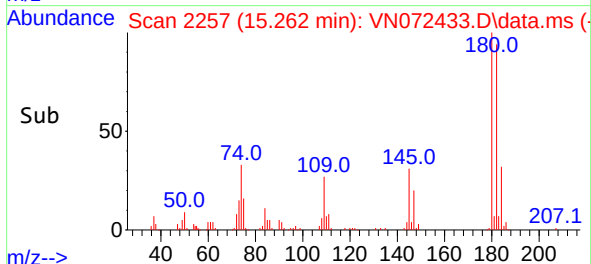
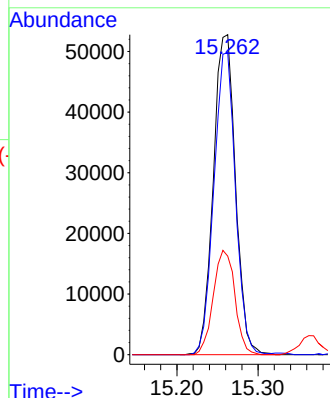
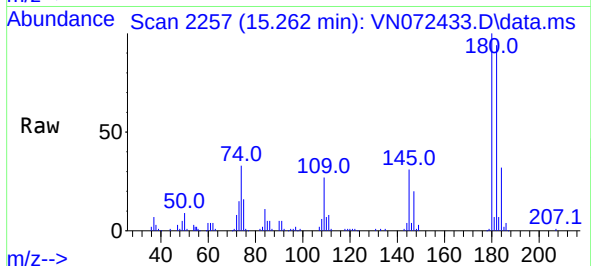
VSTDCCC050

Tgt Ion:180 Resp: 9999
Ion Ratio Lower Upper
180 100
182 92.1 47.5 142.5
145 31.8 14.5 43.5

Manual Integrations

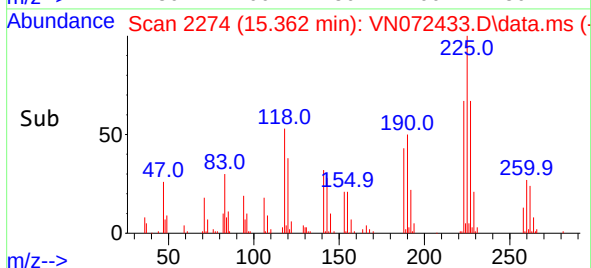
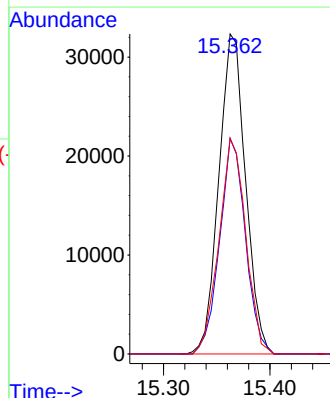
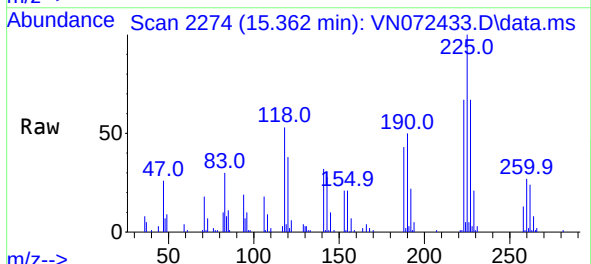
APPROVED

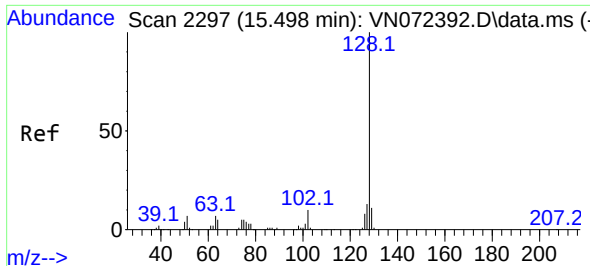
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#94
Hexachlorobutadiene
Concen: 48.186 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Tgt Ion:225 Resp: 56284
Ion Ratio Lower Upper
225 100
223 64.9 32.4 97.2
227 67.3 31.8 95.4





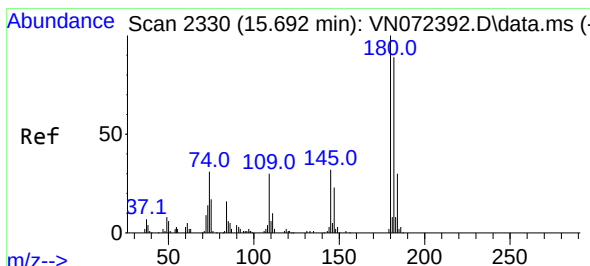
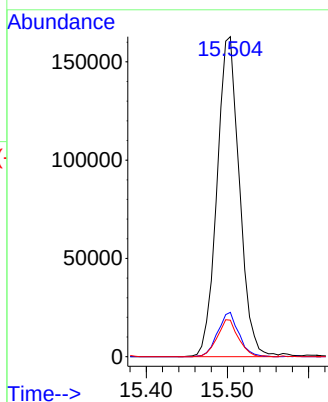
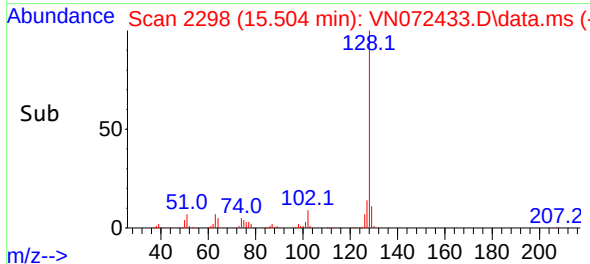
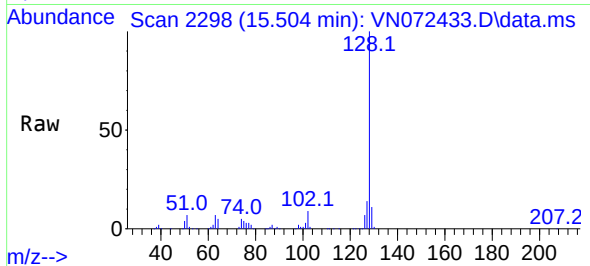
#95
Naphthalene
Concen: 48.110 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 312839
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 59.374 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072433.D
Acq: 11 May 2022 22:06

Tgt Ion:180 Resp: 104967
Ion Ratio Lower Upper
180 100
182 92.4 47.8 143.3
145 33.7 15.5 46.5

