

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072286.D
 Acq On : 02 May 2022 10:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 03:08:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	232858	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	373815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	348298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	142037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	184459	51.599	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.200%			
35) Dibromofluoromethane	8.022	113	126193	52.742	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.480%			
50) Toluene-d8	10.439	98	490482	52.170	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.727	95	184860	59.239	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	128625	49.280	ug/l	100
3) Chloromethane	2.299	50	116558	39.631	ug/l	98
4) Vinyl Chloride	2.440	62	111229	42.432	ug/l	100
5) Bromomethane	2.828	94	65953	52.680	ug/l	95
6) Chloroethane	3.004	64	80310	54.346	ug/l	99
7) Trichlorofluoromethane	3.369	101	225089	49.150	ug/l	98
8) Diethyl Ether	3.822	74	76451	46.102	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	113084	47.009	ug/l	95
10) Methyl Iodide	4.422	142	135015	46.238	ug/l	# 81
11) Tert butyl alcohol	5.369	59	141314	240.543	ug/l	100
12) 1,1-Dichloroethene	4.181	96	98198	44.154	ug/l	95
13) Acrolein	4.040	56	126060	213.222	ug/l	97
14) Allyl chloride	4.840	41	192371	41.660	ug/l	95
15) Acrylonitrile	5.545	53	380545	214.656	ug/l	98
16) Acetone	4.287	43	423247	274.608	ug/l	94
17) Carbon Disulfide	4.528	76	223039	42.678	ug/l	100
18) Methyl Acetate	4.851	43	178854	41.503	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	445083	51.055	ug/l	98
20) Methylene Chloride	5.093	84	125485	42.474	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	103617	42.251	ug/l	84
22) Diisopropyl ether	6.492	45	412173	43.335	ug/l	96
23) Vinyl Acetate	6.428	43	1788194	223.855	ug/l	96
24) 1,1-Dichloroethane	6.381	63	236127	44.382	ug/l	98
25) 2-Butanone	7.328	43	538002	219.181	ug/l	95
26) 2,2-Dichloropropane	7.322	77	222480	53.533	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	134264	44.909	ug/l	89
28) Bromochloromethane	7.657	49	103217	43.326	ug/l	84
29) Tetrahydrofuran	7.681	42	322639	200.288	ug/l	96
30) Chloroform	7.816	83	255159	47.766	ug/l	100
31) Cyclohexane	8.092	56	190375	39.856	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	238112	52.380	ug/l	99
36) 1,1-Dichloropropene	8.222	75	175170	50.298	ug/l	95
37) Ethyl Acetate	7.410	43	209850	45.373	ug/l	97
38) Carbon Tetrachloride	8.204	117	206846	55.455	ug/l	98
39) Methylcyclohexane	9.457	83	194696	49.985	ug/l	94
40) Benzene	8.457	78	504332	46.687	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	109724	46.896	ug/l	88
42) 1,2-Dichloroethane	8.528	62	218415	52.813	ug/l	96
43) Isopropyl Acetate	8.557	43	323839	44.682	ug/l	97
44) Trichloroethene	9.210	130	119604	47.597	ug/l	88
45) 1,2-Dichloropropane	9.486	63	133778	45.830	ug/l	99
46) Dibromomethane	9.575	93	91777	50.191	ug/l	91
47) Bromodichloromethane	9.757	83	208306	54.292	ug/l	98
48) Methyl methacrylate	9.557	41	145270	47.551	ug/l	93
49) 1,4-Dioxane	9.563	88	55990	1043.309	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1034726	237.114	ug/l	97
52) Toluene	10.504	92	331566	51.343	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	217788	56.468	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	225175	53.985	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	133208	49.195	ug/l	98
56) Ethyl methacrylate	10.757	69	222743	47.115	ug/l	93
57) 1,3-Dichloropropane	11.039	76	236319	49.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	261423	208.106	ug/l	95
59) 2-Hexanone	11.080	43	755796	245.823	ug/l	94
60) Dibromochloromethane	11.233	129	153233	55.342	ug/l	100
61) 1,2-Dibromoethane	11.345	107	134942	50.674	ug/l	100
64) Tetrachloroethene	10.974	164	102857	49.060	ug/l	90
65) Chlorobenzene	11.763	112	342924	48.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	138150	52.098	ug/l	96
67) Ethyl Benzene	11.839	91	656109	53.460	ug/l	95
68) m/p-Xylenes	11.951	106	478024	104.889	ug/l	87
69) o-Xylene	12.274	106	234576	53.094	ug/l	86
70) Styrene	12.292	104	387261	55.647	ug/l	93
71) Bromoform	12.457	173	111629	56.601	ug/l #	99
73) Isopropylbenzene	12.574	105	648762	51.716	ug/l	96
74) N-amyl acetate	12.386	43	216224	46.007	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	202605	48.377	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	166437m	50.271	ug/l	
77) Bromobenzene	12.857	156	140312	47.297	ug/l	86
78) n-propylbenzene	12.916	91	720594	52.142	ug/l	96
79) 2-Chlorotoluene	13.004	91	456427	50.282	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	547396	52.396	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	64743	52.705	ug/l	92
82) 4-Chlorotoluene	13.104	91	429684	50.851	ug/l	94
83) tert-Butylbenzene	13.321	119	478732	52.190	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	535020	52.929	ug/l	91
85) sec-Butylbenzene	13.498	105	641120	53.610	ug/l	97
86) p-Isopropyltoluene	13.610	119	527858	56.616	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	237972	49.563	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	232428	49.778	ug/l	97
89) n-Butylbenzene	13.939	91	402248	56.327	ug/l	98
90) Hexachloroethane	14.204	117	100266	49.540	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	235388	49.739	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43877	50.572	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	107076	48.995	ug/l	97
94) Hexachlorobutadiene	15.362	225	66428	52.383	ug/l	98
95) Naphthalene	15.504	128	322736	44.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	106975	49.113	ug/l	98

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VSTDCCC050

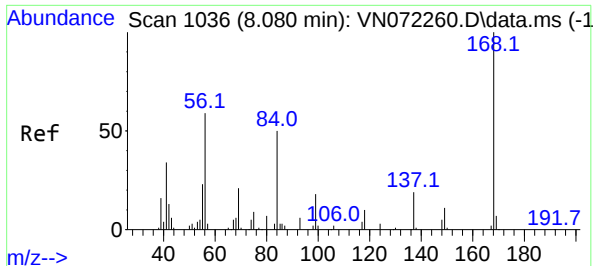
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

Quant Time: May 03 03:08:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

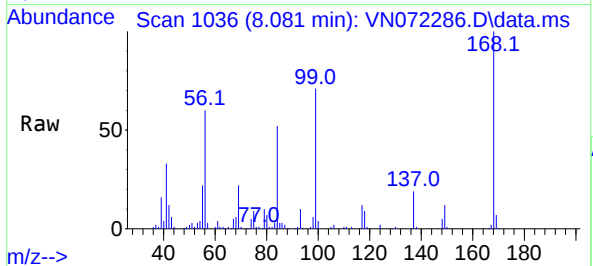
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072286.D
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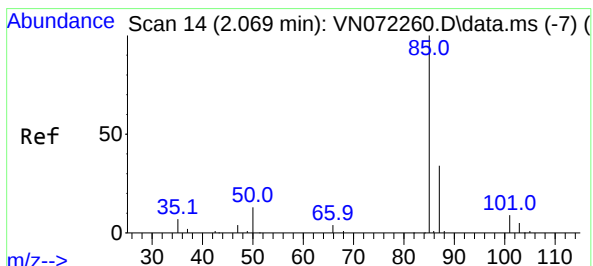
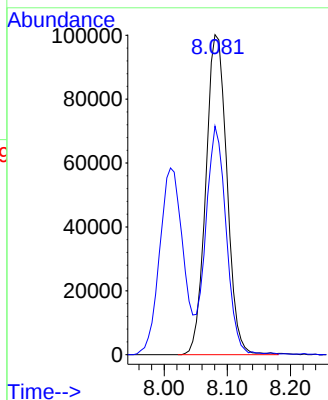
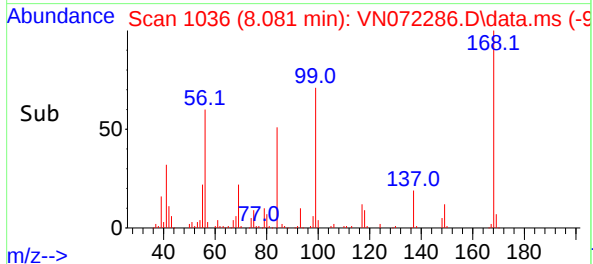
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



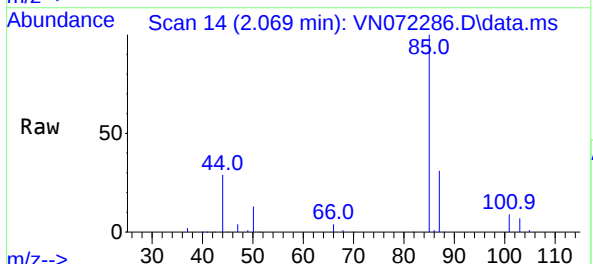
Tgt Ion:168 Resp: 232858
Ion Ratio Lower Upper
168 100
99 71.2 42.3 63.5

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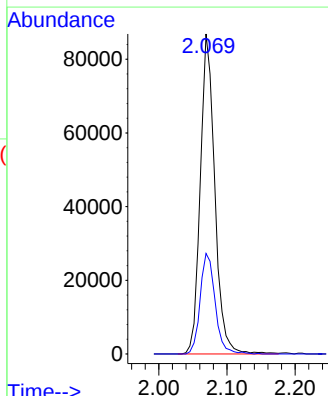
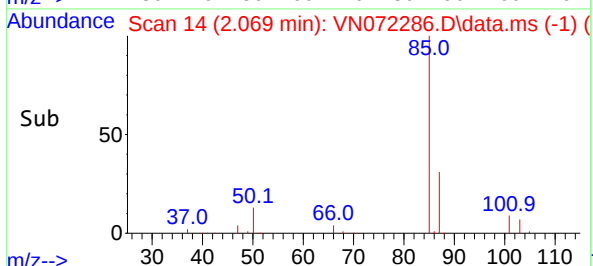
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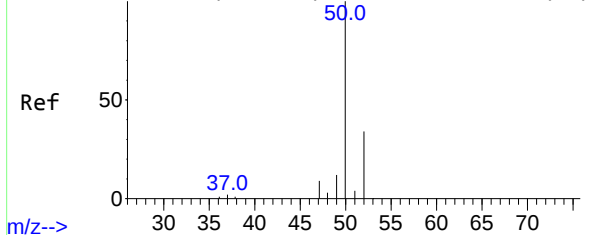
#2
Dichlorodifluoromethane
Concen: 49.280 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 85 Resp: 128625
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1



Abundance Scan 53 (2.298 min): VN072260.D\data.ms (-45)



#3

Chloromethane

Concen: 39.631 ug/l

RT: 2.299 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 116558

Ion Ratio Lower Upper

50 100

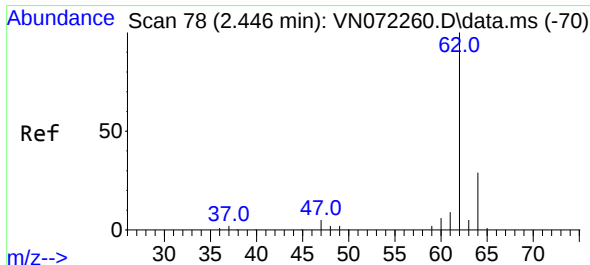
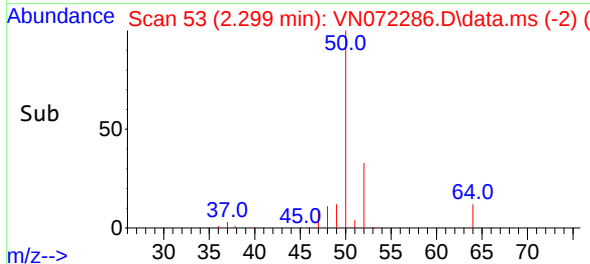
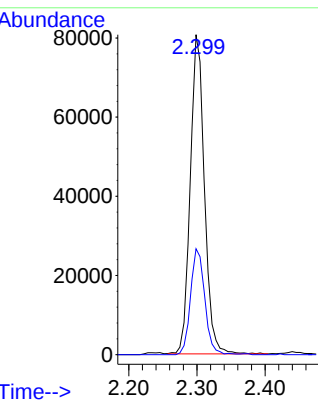
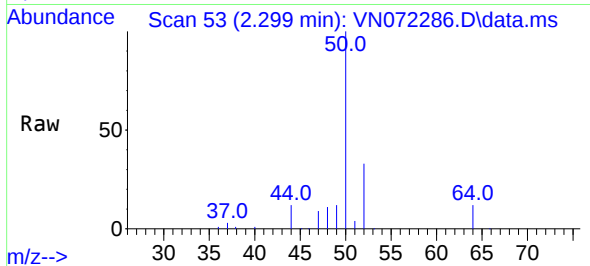
52 33.2 25.7 38.5

Manual Integrations

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Supervised By :Mahesh Dadoda 05/03/2022



#4

Vinyl Chloride

Concen: 42.432 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.000 min

Lab File: VN072286.D

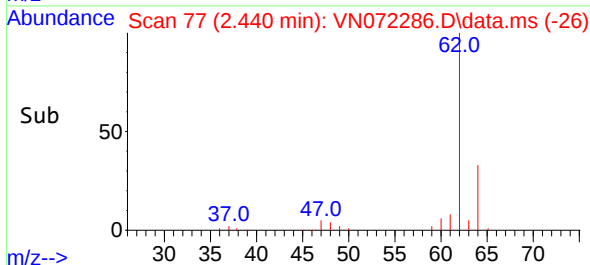
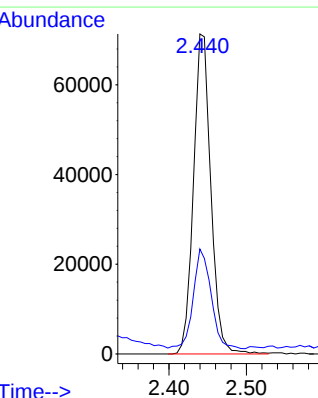
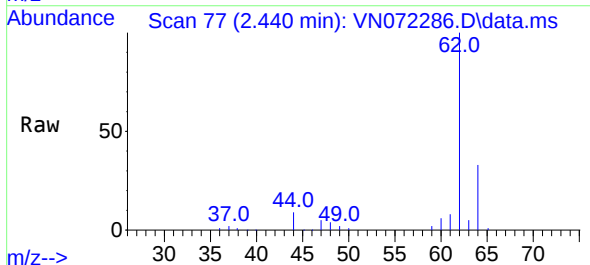
Acq: 02 May 2022 10:28

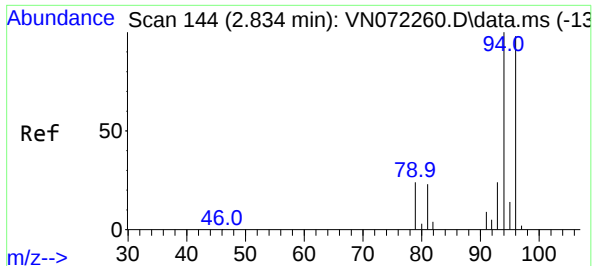
Tgt Ion: 62 Resp: 111229

Ion Ratio Lower Upper

62 100

64 30.9 25.0 37.4





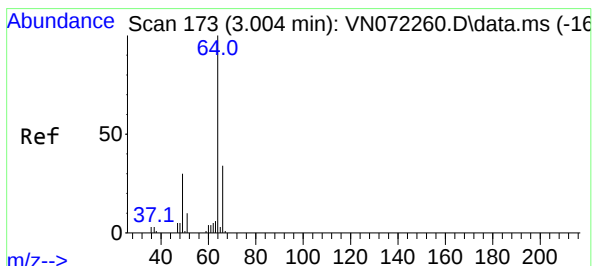
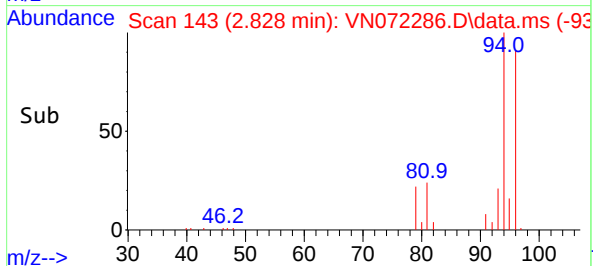
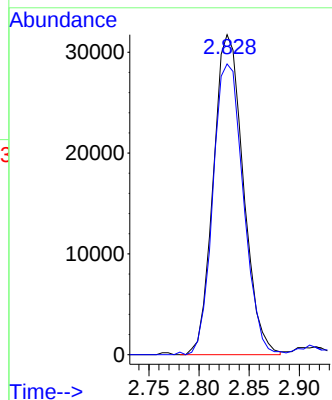
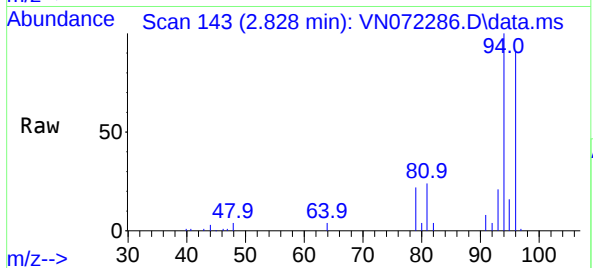
#5
Bromomethane
Concen: 52.680 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

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Tgt Ion: 94 Resp: 6595
Ion Ratio Lower Upper
94 100
96 90.0 76.0 114.0

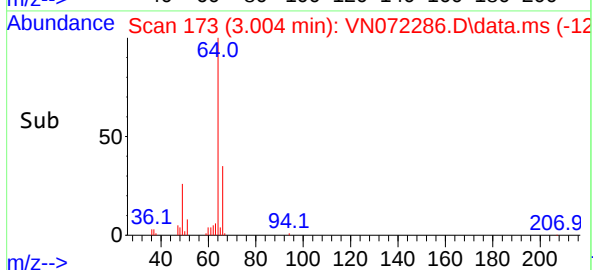
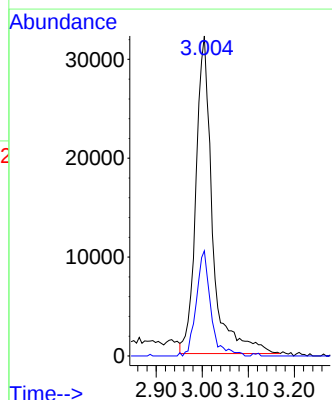
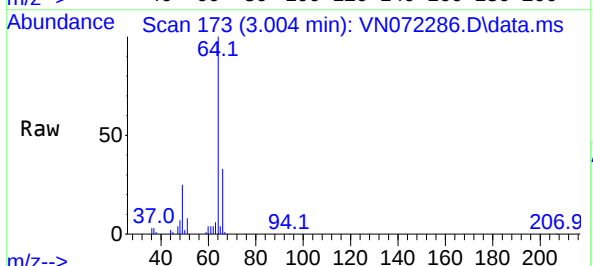
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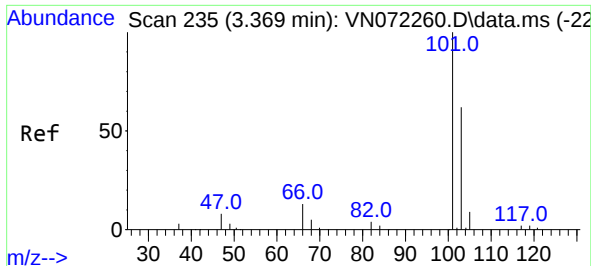
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#6
Chloroethane
Concen: 54.346 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

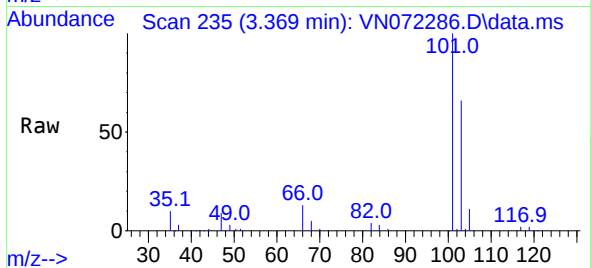
Tgt Ion: 64 Resp: 80310
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 49.150 ug/l
RT: 3.369 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

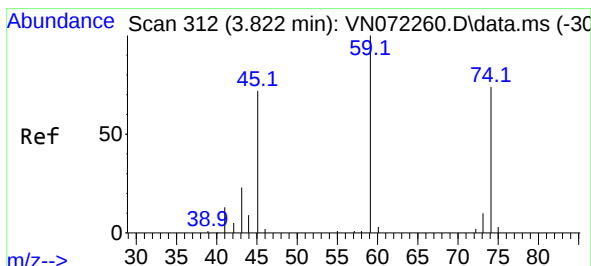
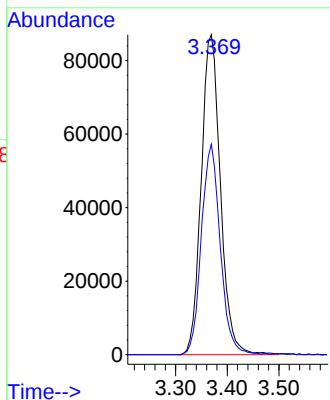
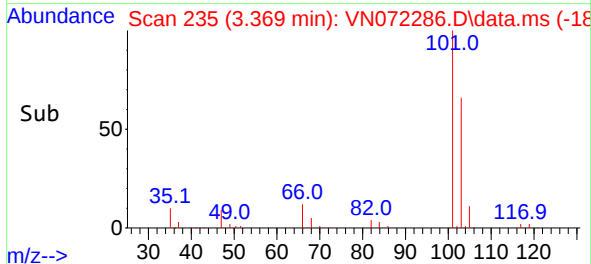
Instrument :
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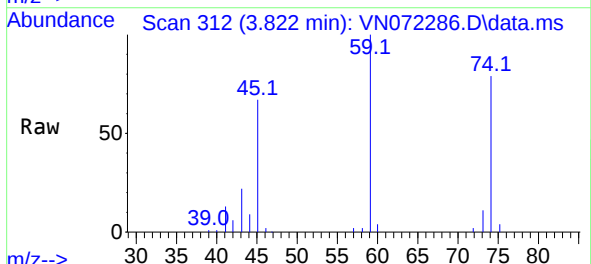
Tgt Ion:101 Resp: 225089
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

Manual Integrations
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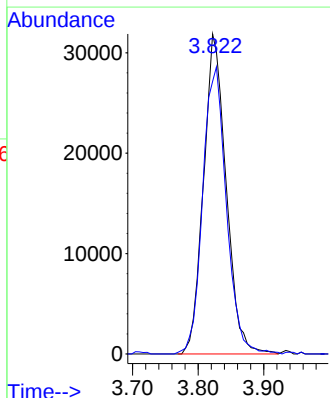
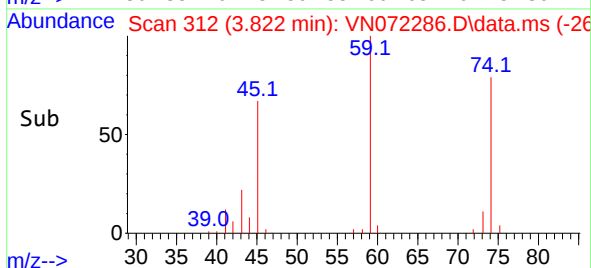
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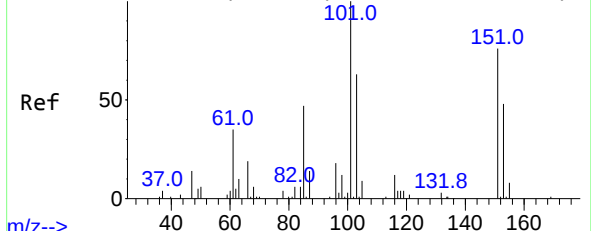
#8
Diethyl Ether
Concen: 46.102 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 74 Resp: 76451
Ion Ratio Lower Upper
74 100
45 93.9 42.9 128.5

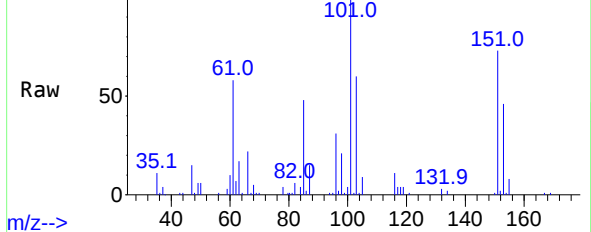


Abundance Scan 379 (4.216 min): VN072260.D\data.ms (-36



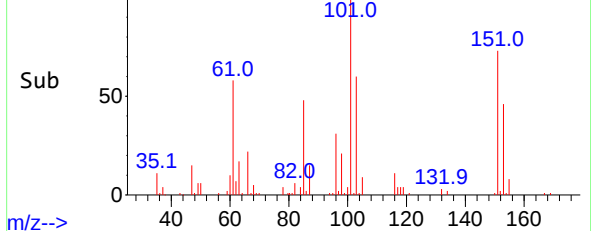
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Abundance Scan 378 (4.210 min): VN072286.D\data.ms



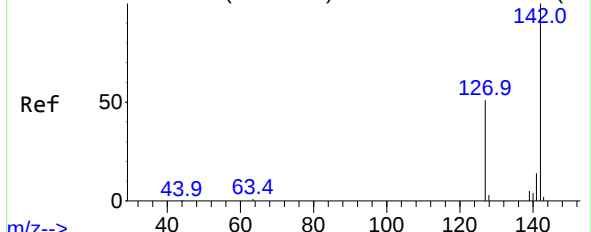
m/z-->

Abundance Scan 378 (4.210 min): VN072286.D\data.ms (-32



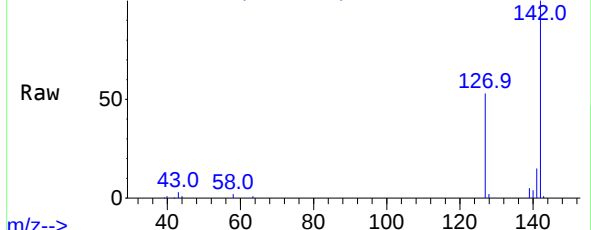
m/z-->

Abundance Scan 413 (4.416 min): VN072260.D\data.ms (-40



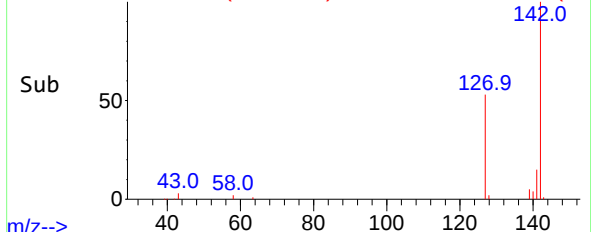
m/z-->

Abundance Scan 414 (4.422 min): VN072286.D\data.ms



m/z-->

Abundance Scan 414 (4.422 min): VN072286.D\data.ms (-36



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.009 ug/l

RT: 4.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 113084

Ion Ratio Lower Upper

101 100

85 47.7 34.7 52.1

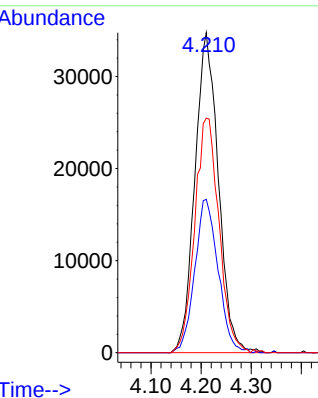
151 75.6 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#10

Methyl Iodide

Concen: 46.238 ug/l

RT: 4.422 min Scan# 414

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

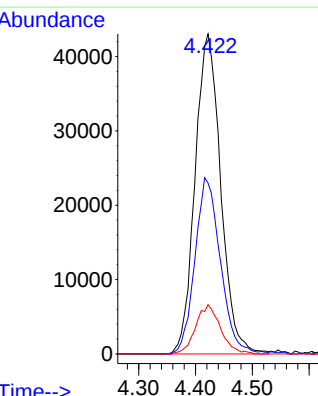
Tgt Ion:142 Resp: 135015

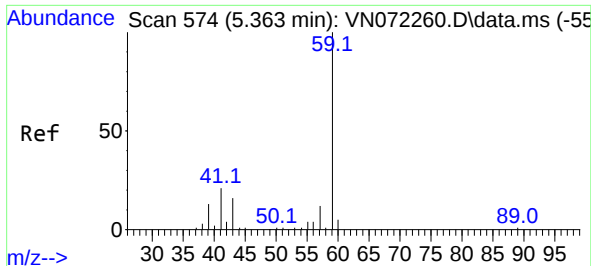
Ion Ratio Lower Upper

142 100

127 54.6 31.3 46.9#

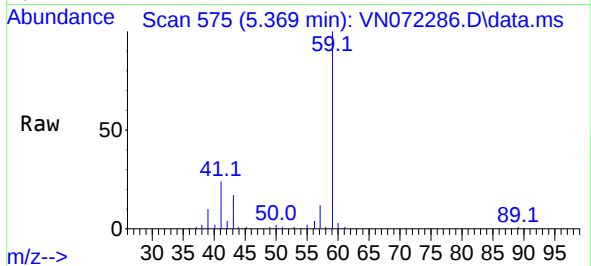
141 14.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 240.543 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

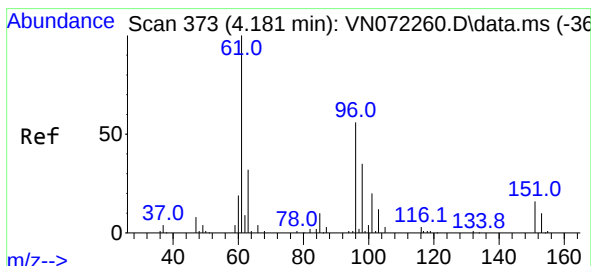
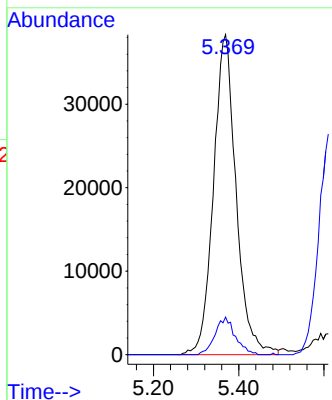
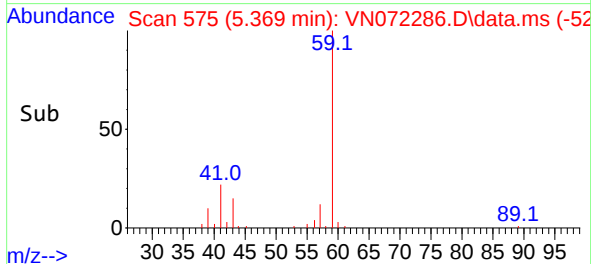
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



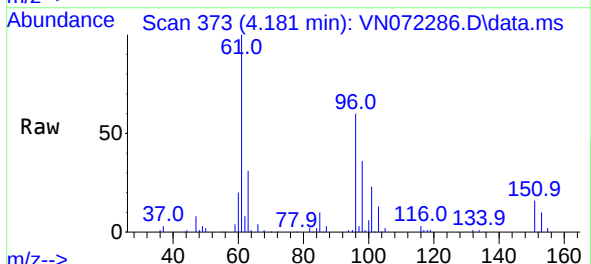
Tgt Ion: 59 Resp: 141314
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

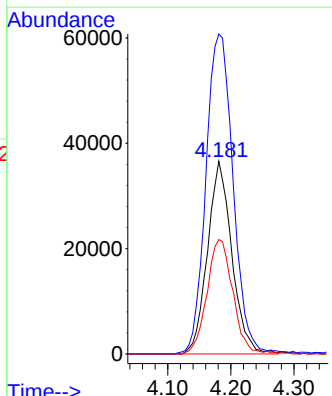
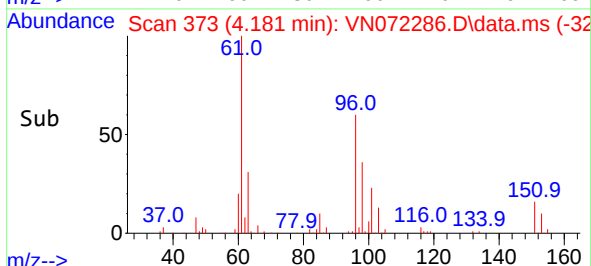
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

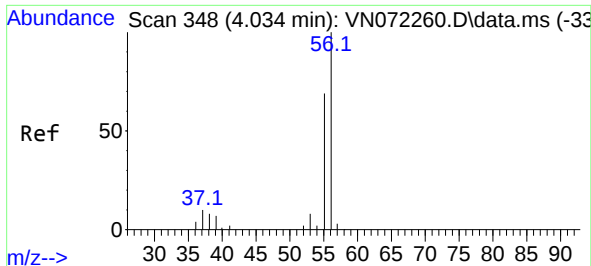


#12
1,1-Dichloroethene
Concen: 44.154 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



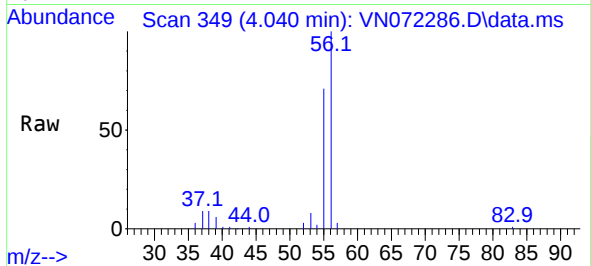
Tgt Ion: 96 Resp: 98198
Ion Ratio Lower Upper
96 100
61 165.6 127.6 191.4
98 59.4 51.2 76.8





#13
Acrolein
Concen: 213.222 ug/l
RT: 4.040 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

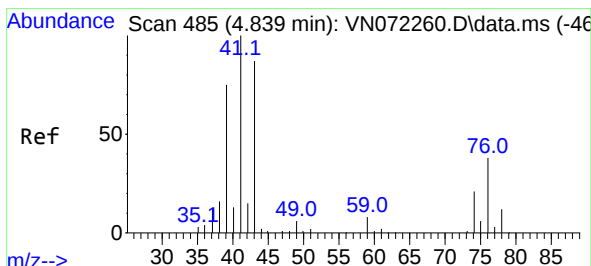
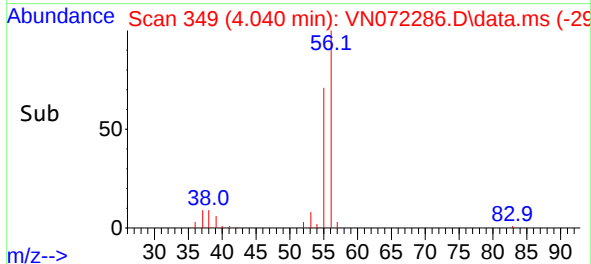
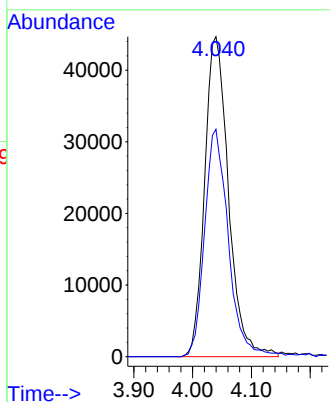
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 126060
Ion Ratio Lower Upper
56 100
55 71.1 54.8 82.2

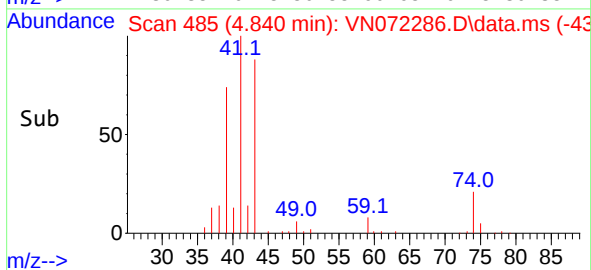
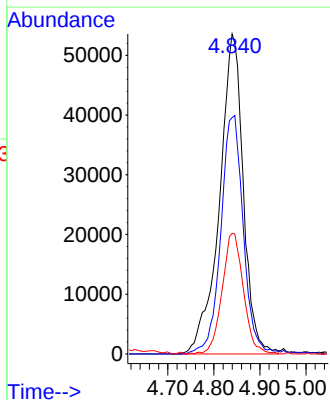
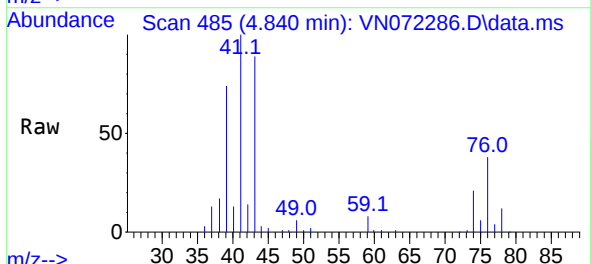
Manual Integrations
APPROVED

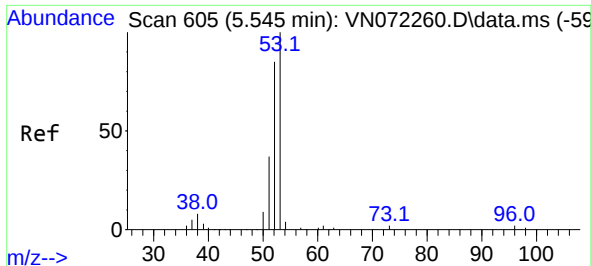
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#14
Allyl chloride
Concen: 41.660 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

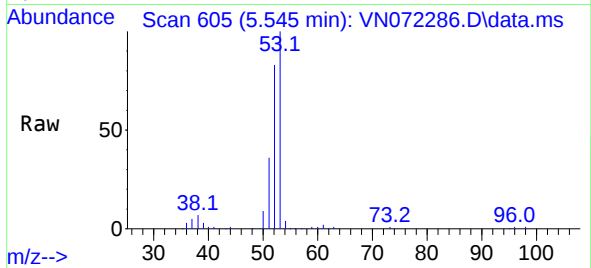
Tgt Ion: 41 Resp: 192371
Ion Ratio Lower Upper
41 100
39 70.1 53.2 79.8
76 33.6 29.9 44.9





#15
Acrylonitrile
Concen: 214.656 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

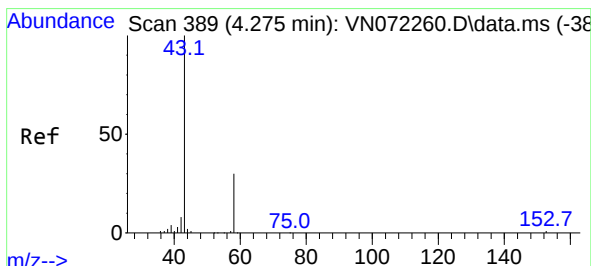
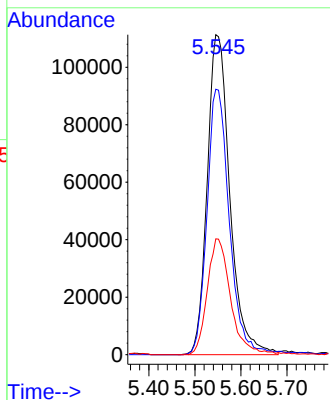
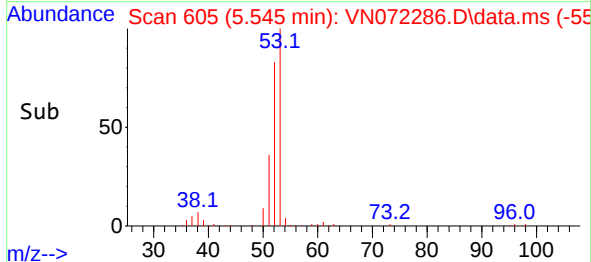
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



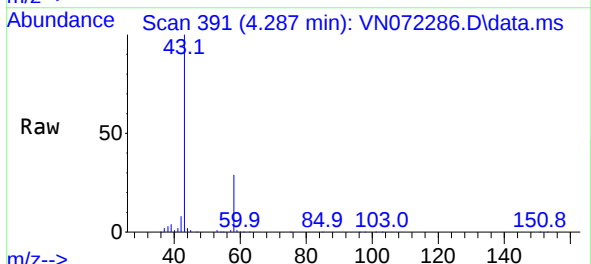
Tgt Ion: 53 Resp: 380549
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 37.6 28.5 42.7

Manual Integrations
APPROVED

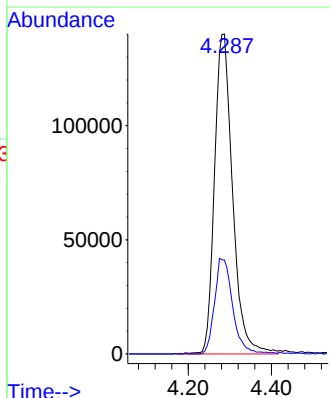
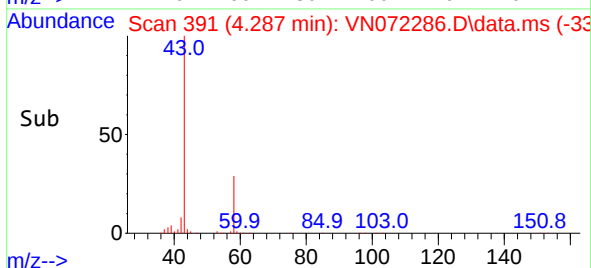
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

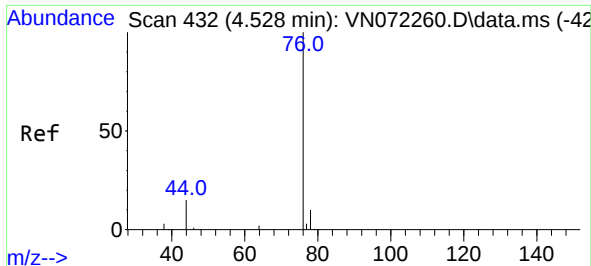


#16
Acetone
Concen: 274.608 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



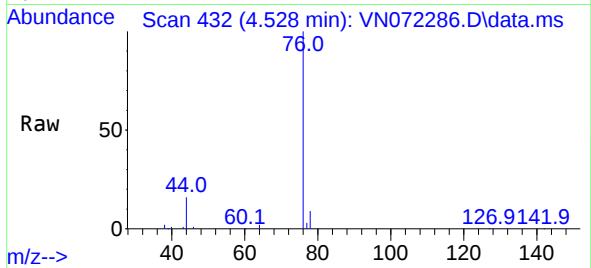
Tgt Ion: 43 Resp: 423247
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0





#17
Carbon Disulfide
Concen: 42.678 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

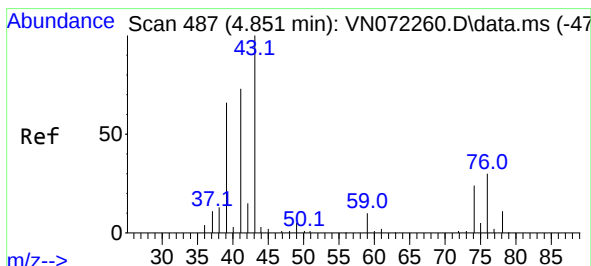
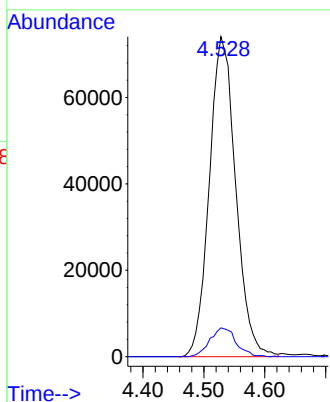
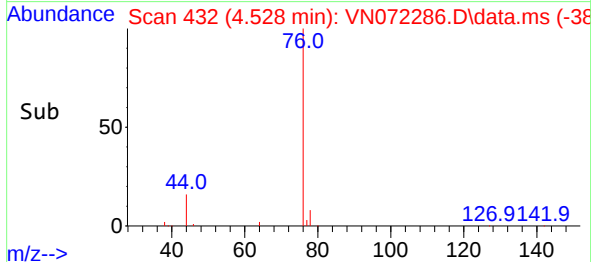
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



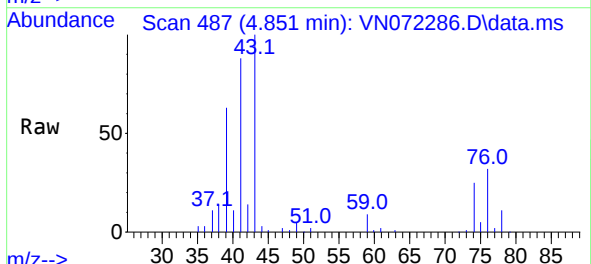
Tgt Ion: 76 Resp: 223039
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

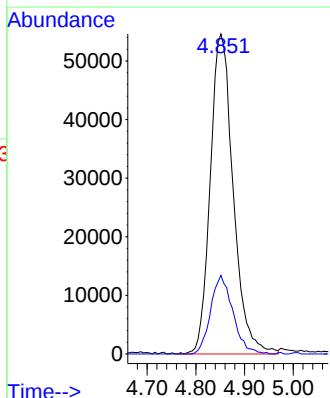
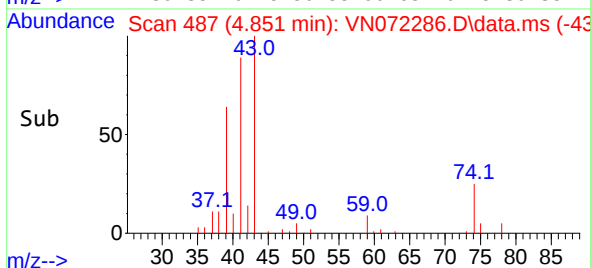
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

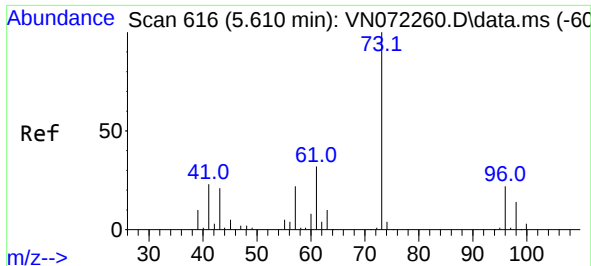


#18
Methyl Acetate
Concen: 41.503 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



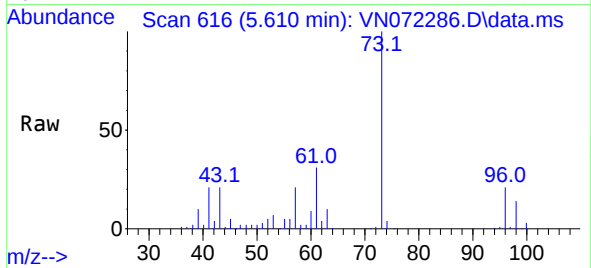
Tgt Ion: 43 Resp: 178854
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 51.055 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

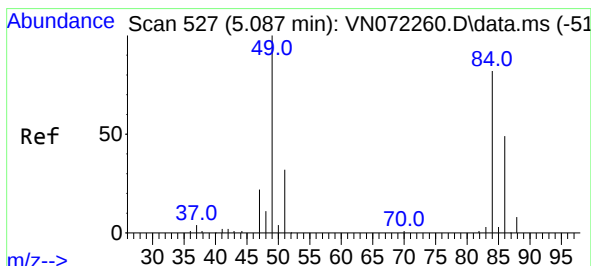
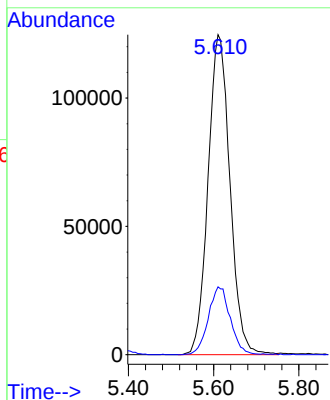
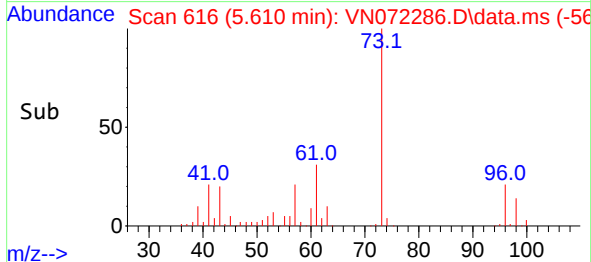
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



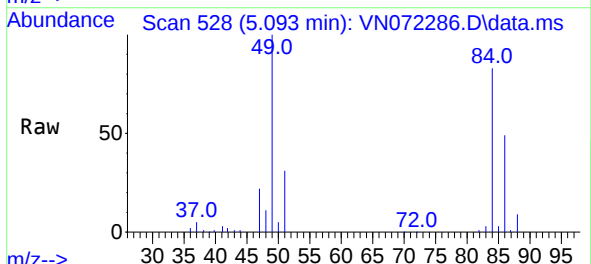
Tgt Ion: 73 Resp: 445083
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

Manual Integrations
APPROVED

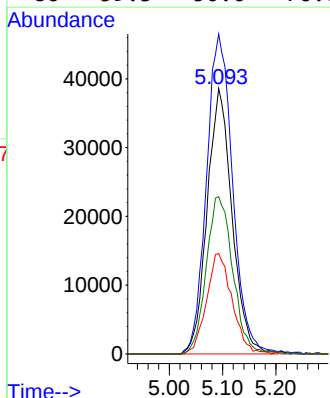
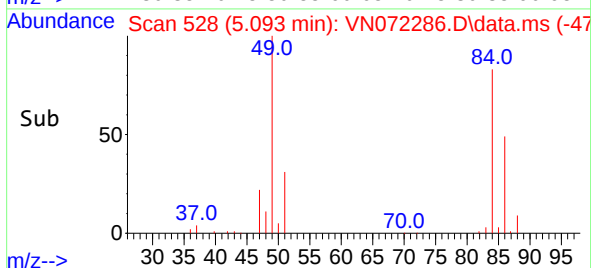
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

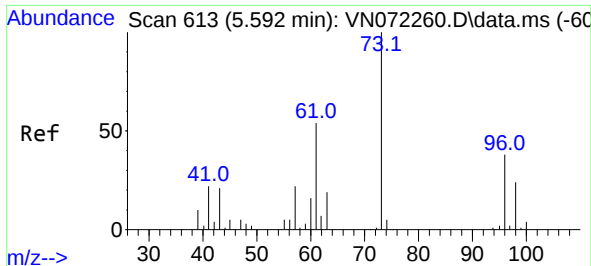


#20
Methylene Chloride
Concen: 42.474 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



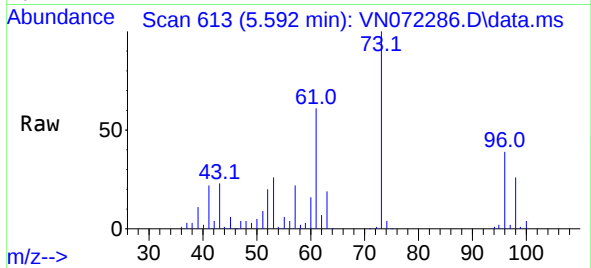
Tgt Ion: 84 Resp: 125485
Ion Ratio Lower Upper
84 100
49 120.6 88.3 132.5
51 37.8 28.2 42.2
86 59.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 42.251 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

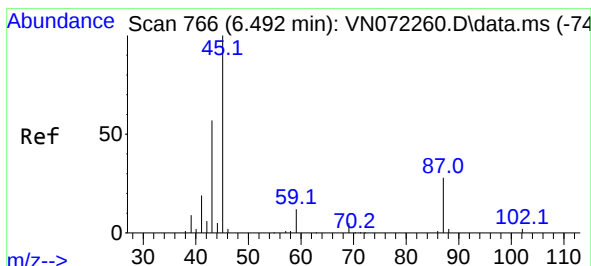
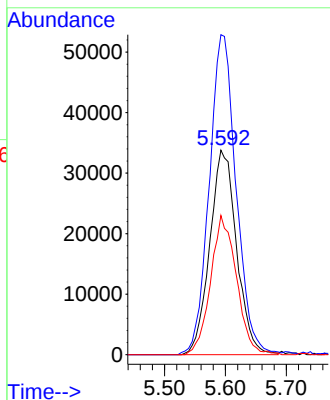
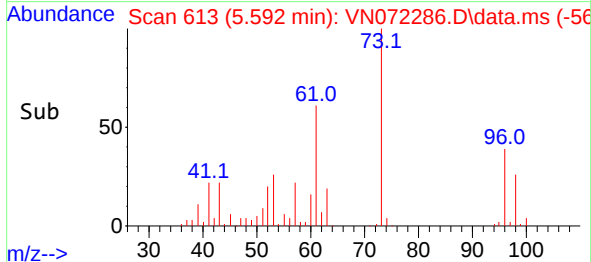
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



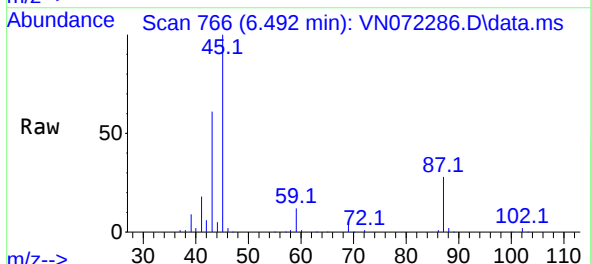
Tgt Ion: 96 Resp: 103617
Ion Ratio Lower Upper
96 100
61 156.4 105.8 158.8
98 68.0 50.3 75.5

Manual Integrations
APPROVED

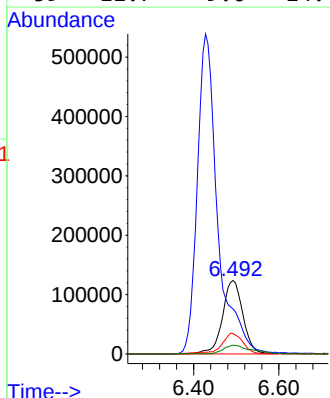
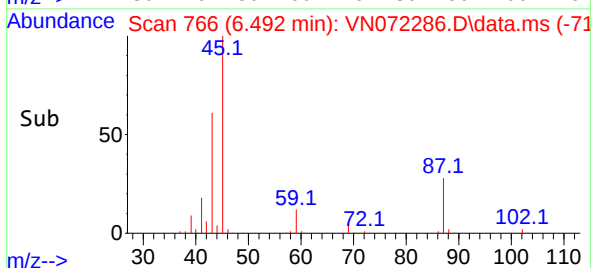
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

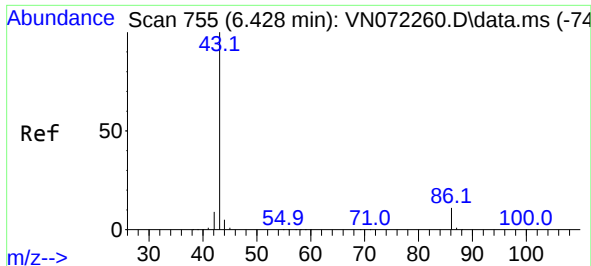


#22
Diisopropyl ether
Concen: 43.335 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



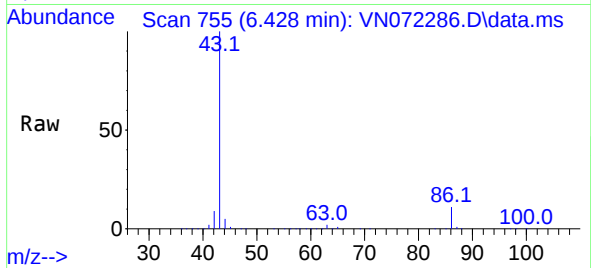
Tgt Ion: 45 Resp: 412173
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 27.4 24.3 36.5
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 223.855 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072286.D
 Acq: 02 May 2022 10:28

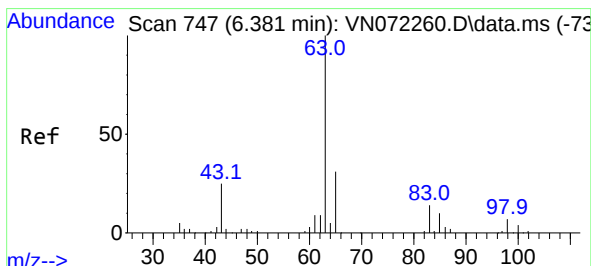
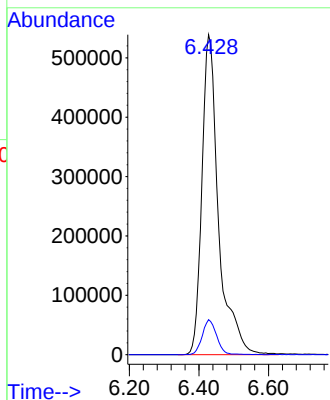
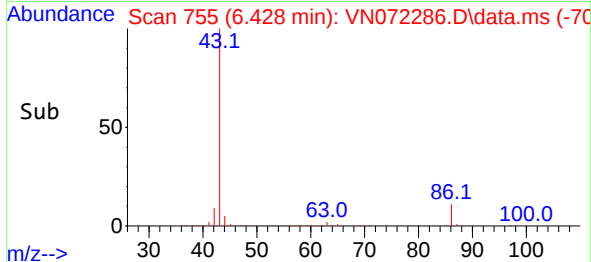
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



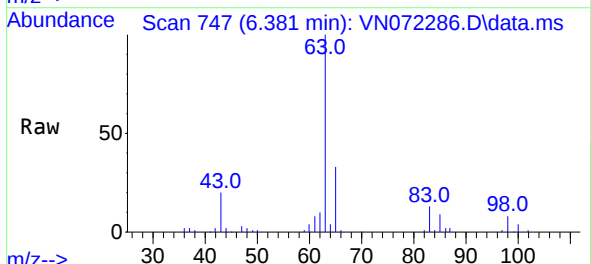
Tgt Ion: 43 Resp: 1788194
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.0 15.0

Manual Integrations
 APPROVED

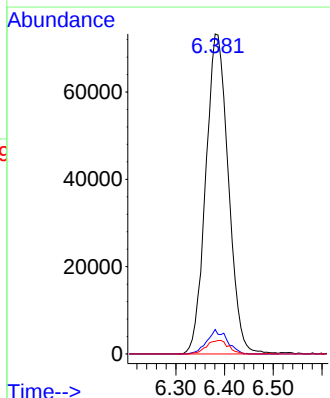
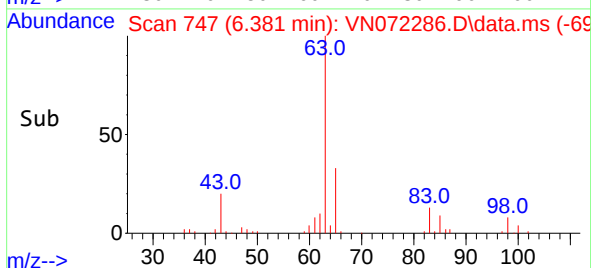
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

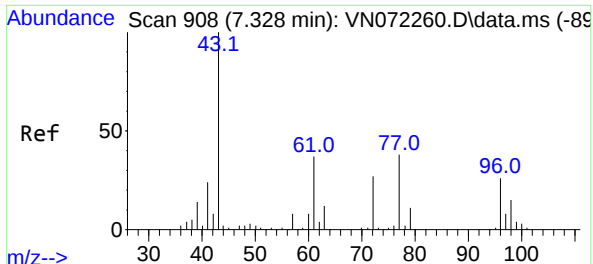


#24
 1,1-Dichloroethane
 Concen: 44.382 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072286.D
 Acq: 02 May 2022 10:28



Tgt Ion: 63 Resp: 236127
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 219.181 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 53800

Ion Ratio Lower Upper

43 100

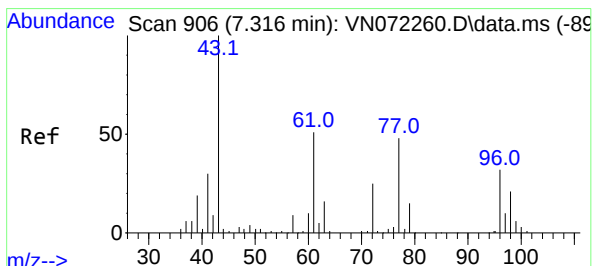
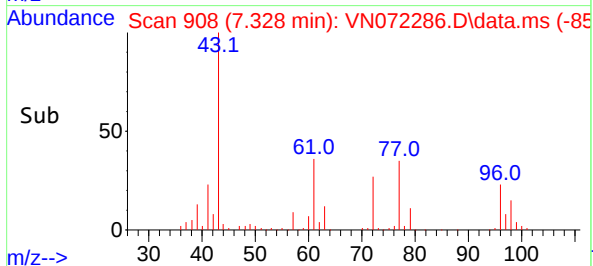
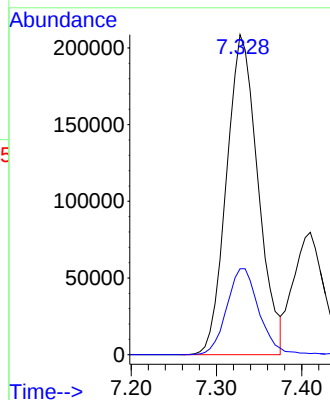
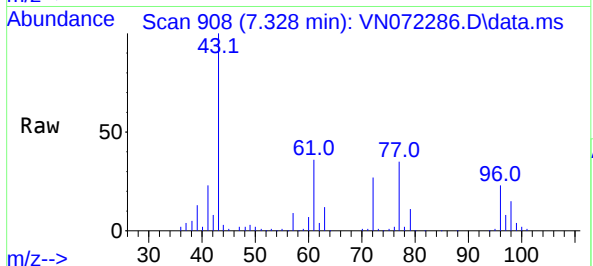
72 26.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#26

2,2-Dichloropropane

Concen: 53.533 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072286.D

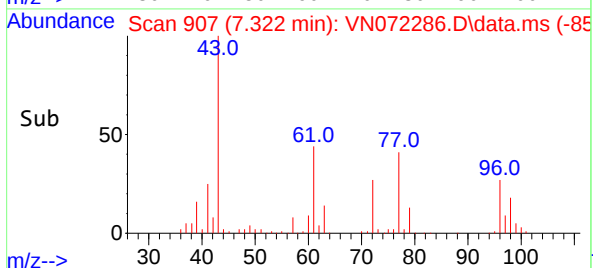
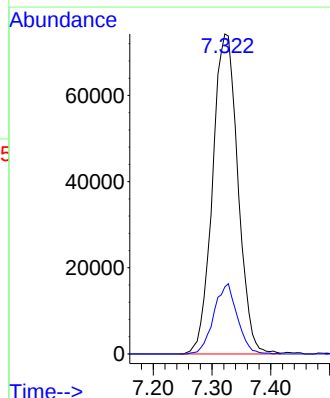
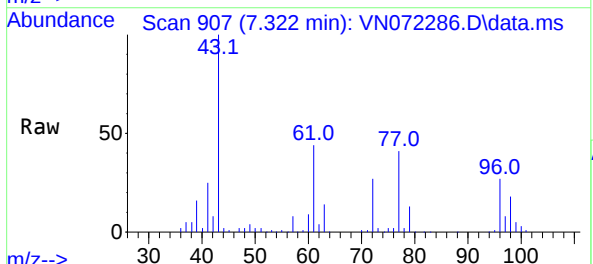
Acq: 02 May 2022 10:28

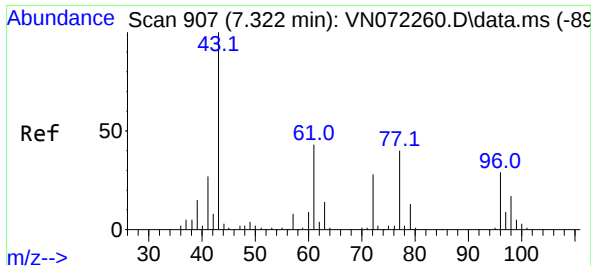
Tgt Ion: 77 Resp: 222480

Ion Ratio Lower Upper

77 100

97 20.4 11.4 34.2





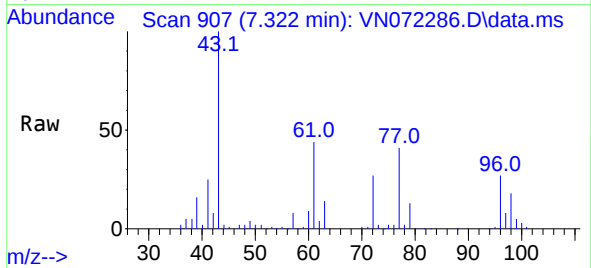
#27
cis-1,2-Dichloroethene
Concen: 44.909 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

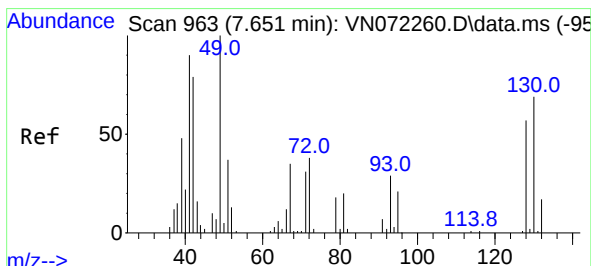
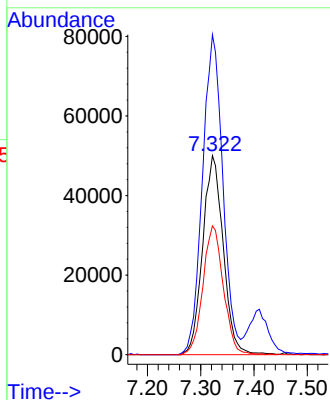
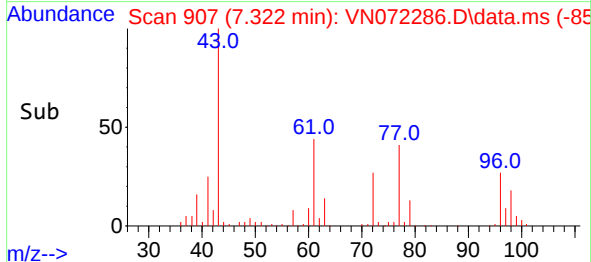


Tgt Ion: 96 Resp: 134264
Ion Ratio Lower Upper
96 100
61 159.1 0.0 280.6
98 64.2 0.0 128.4

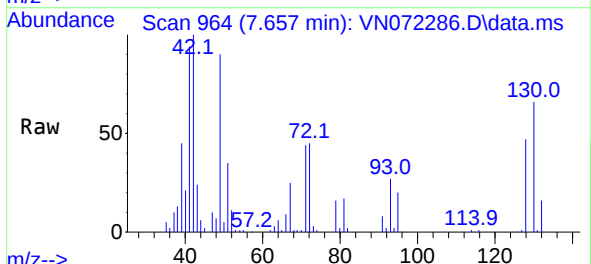
Manual Integrations

APPROVED

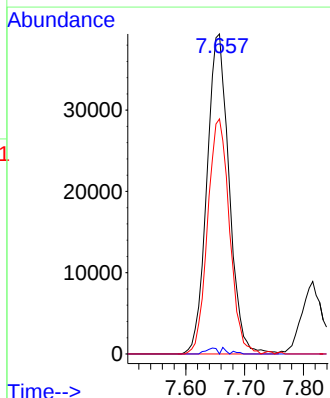
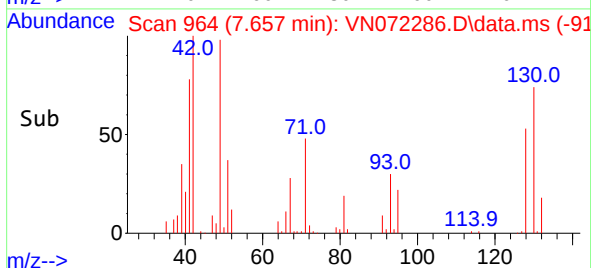
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

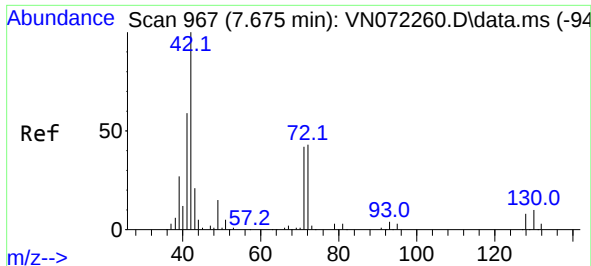


#28
Bromochloromethane
Concen: 43.326 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 49 Resp: 103217
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.6
130 72.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 200.288 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 322639

Ion Ratio Lower Upper

42 100

72 45.8 39.7 59.5

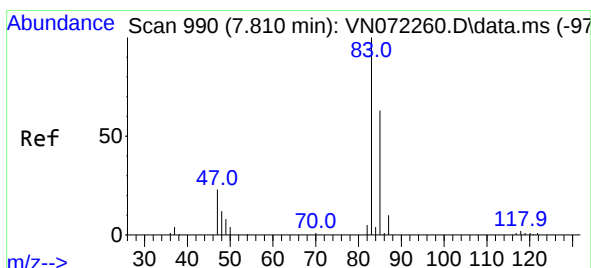
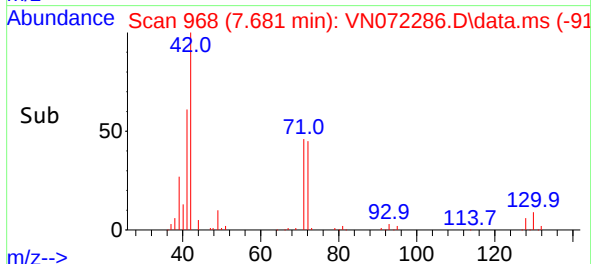
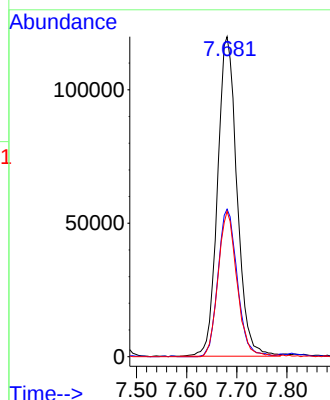
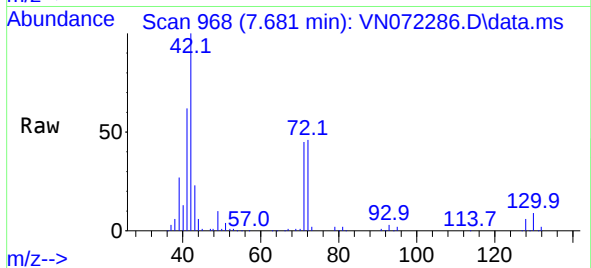
71 44.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#30

Chloroform

Concen: 47.766 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072286.D

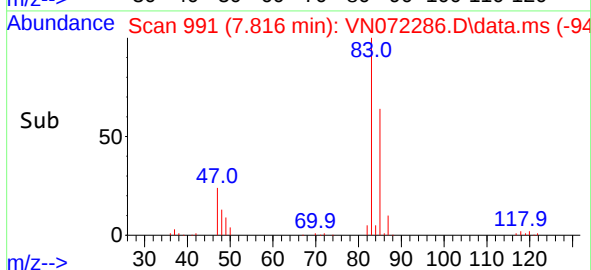
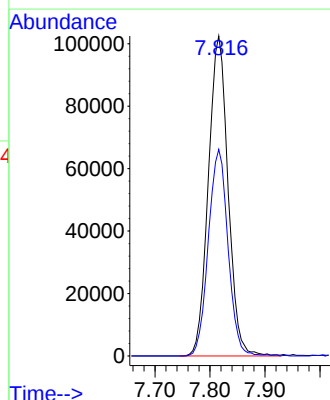
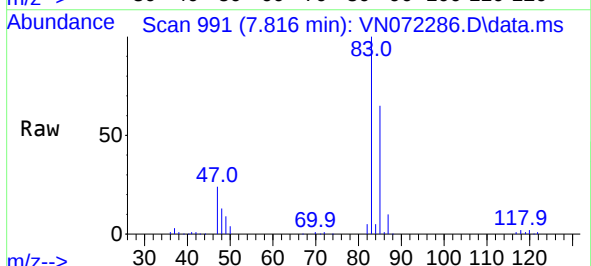
Acq: 02 May 2022 10:28

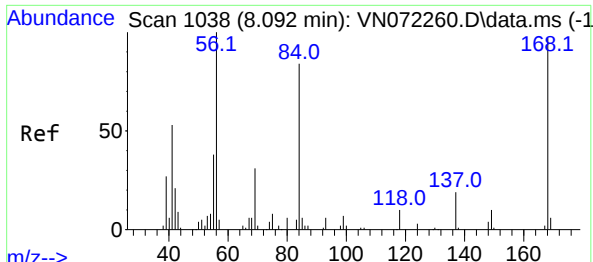
Tgt Ion: 83 Resp: 255159

Ion Ratio Lower Upper

83 100

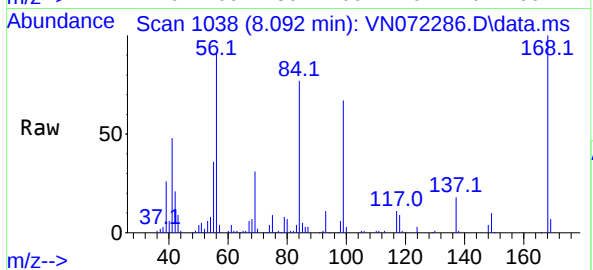
85 64.6 51.8 77.8





#31
Cyclohexane
Concen: 39.856 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

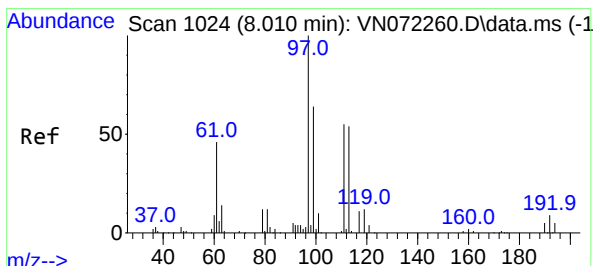
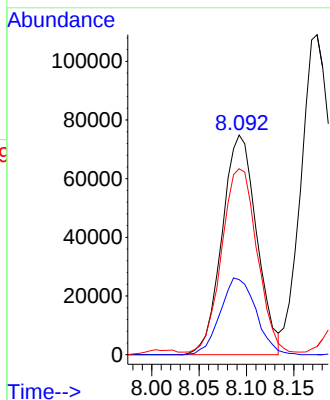
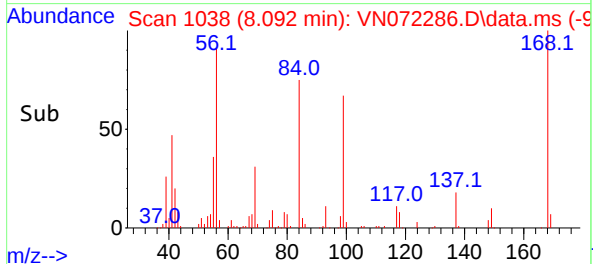
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



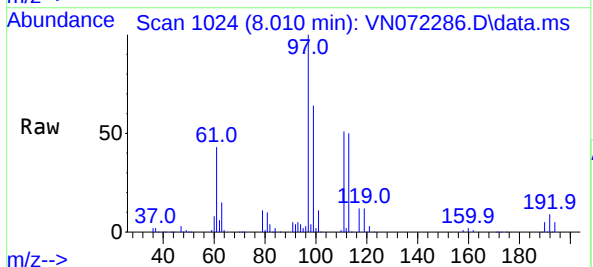
Tgt Ion: 56 Resp: 190375
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.8
84 83.4 76.9 115.3

Manual Integrations
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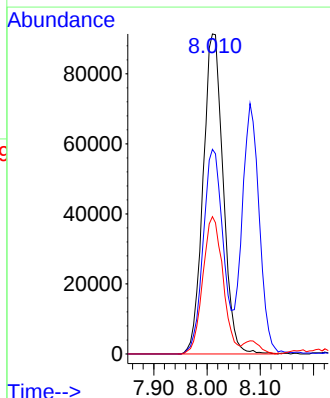
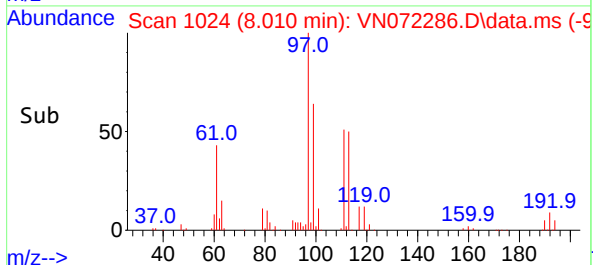
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

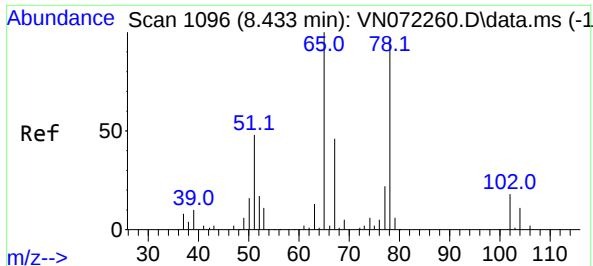


#32
1,1,1-Trichloroethane
Concen: 52.380 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



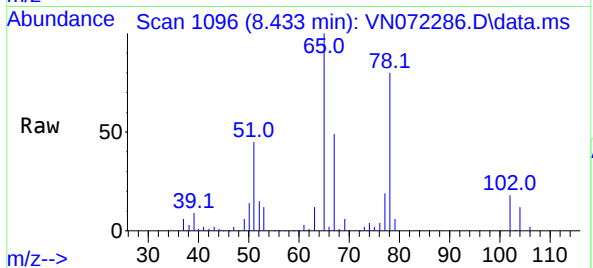
Tgt Ion: 97 Resp: 238112
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 43.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 51.599 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

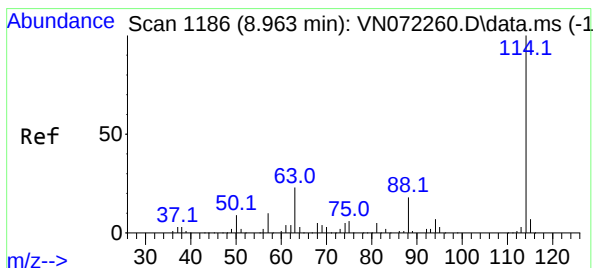
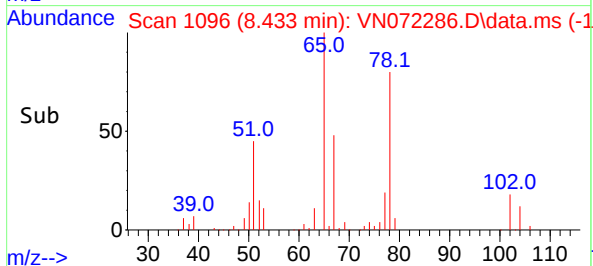
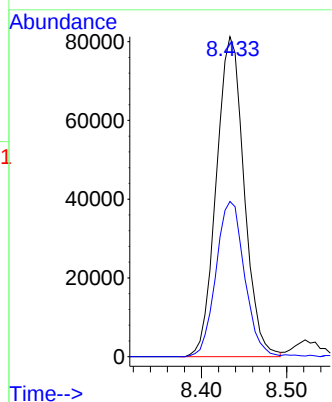
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 184459
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.8

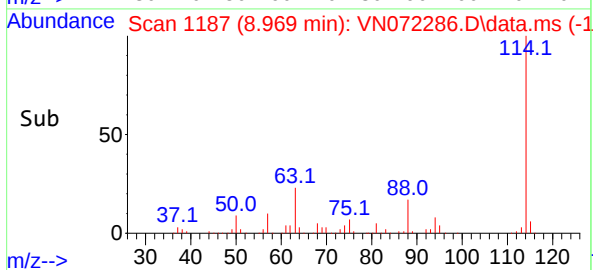
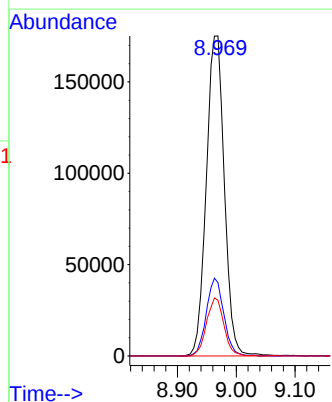
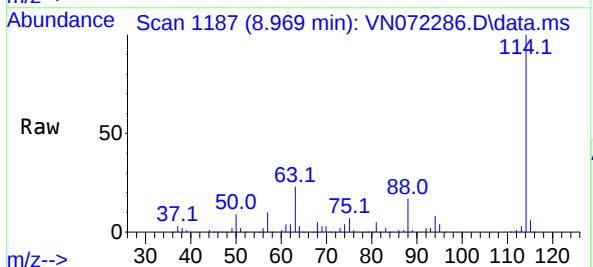
Manual Integrations
APPROVED

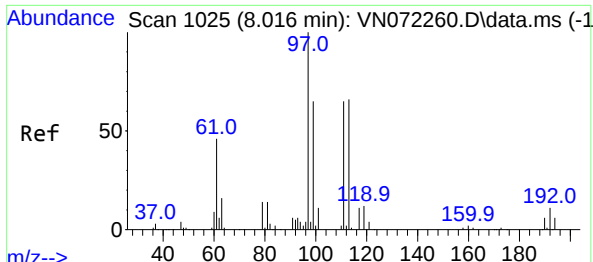
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

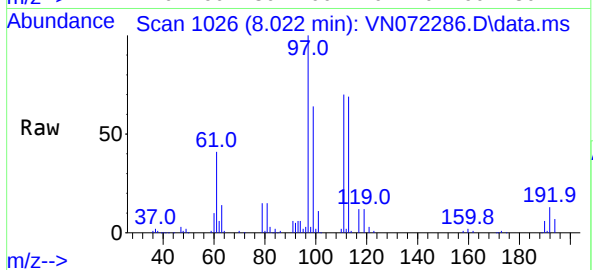
Tgt Ion:114 Resp: 373815
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.0
88 17.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.742 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

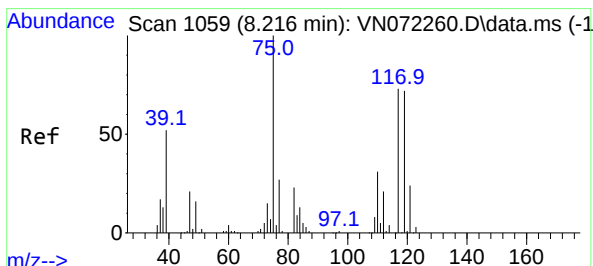
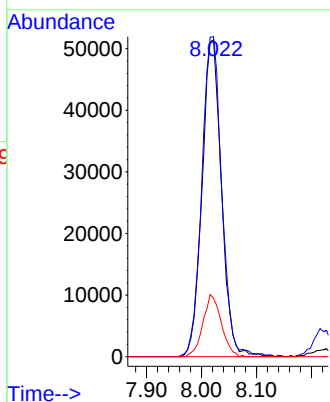
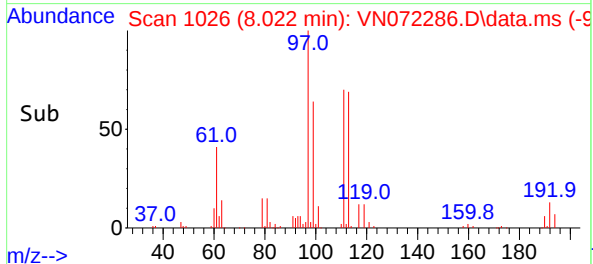
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



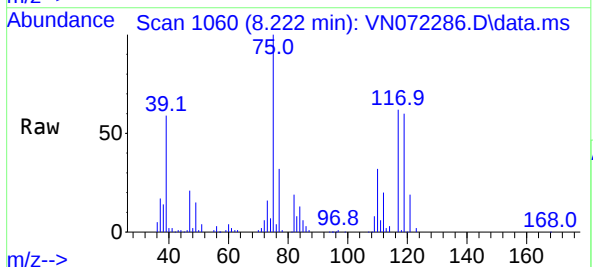
Tgt Ion: 113 Resp: 12619
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.6 17.0 25.6

Manual Integrations
APPROVED

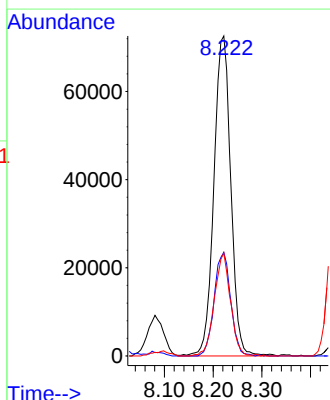
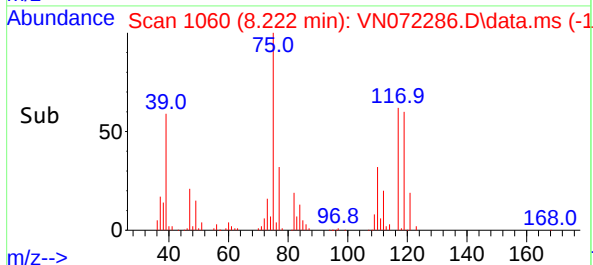
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

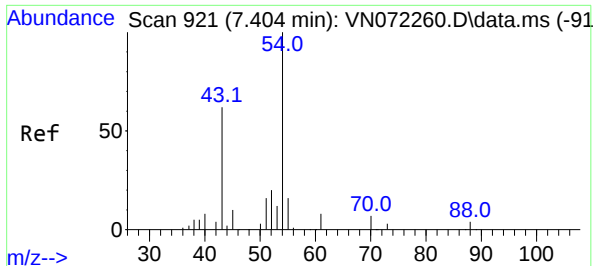


#36
1,1-Dichloropropene
Concen: 50.298 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



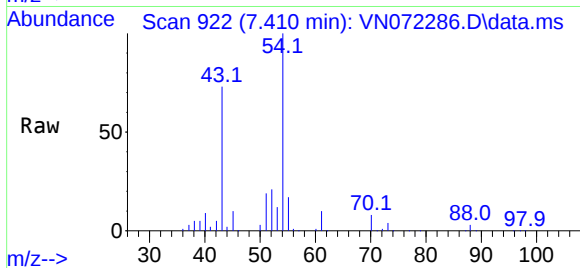
Tgt Ion: 75 Resp: 175170
Ion Ratio Lower Upper
75 100
110 31.6 18.3 54.8
77 30.6 25.1 37.7





#37
Ethyl Acetate
Concen: 45.373 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

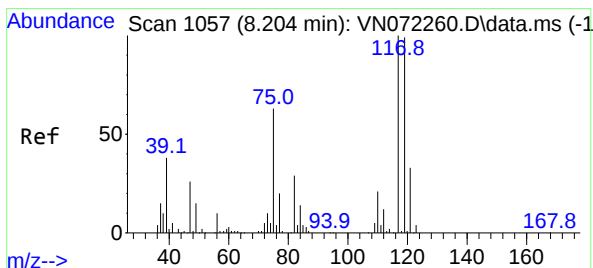
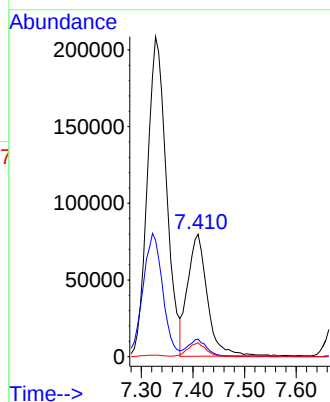
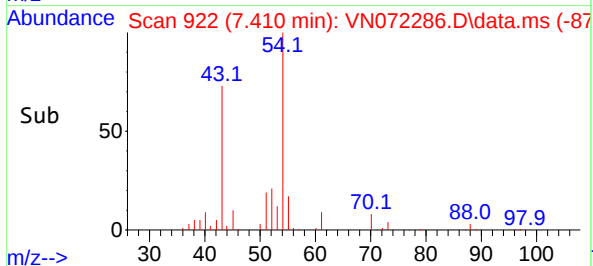
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



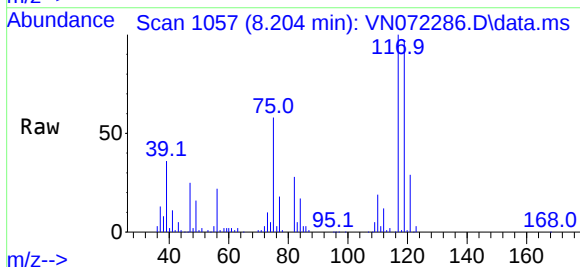
Tgt Ion: 43 Resp: 209850
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 10.6 9.3 13.9

Manual Integrations
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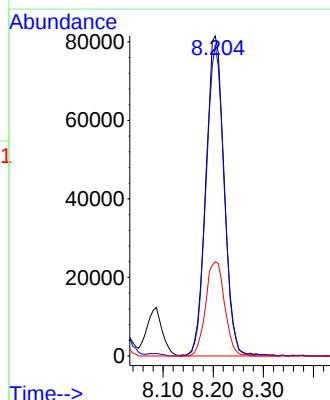
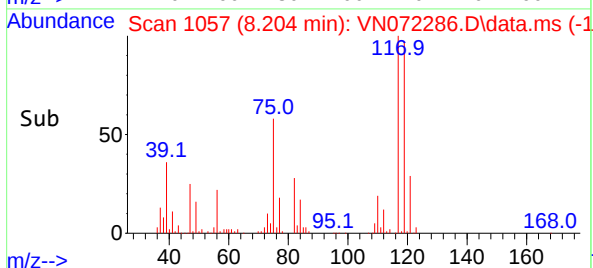
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

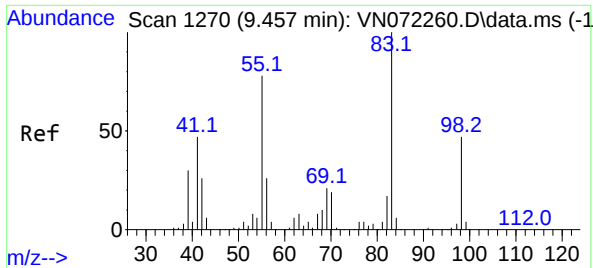


#38
Carbon Tetrachloride
Concen: 55.455 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion:117 Resp: 206846
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
121 29.5 24.6 37.0





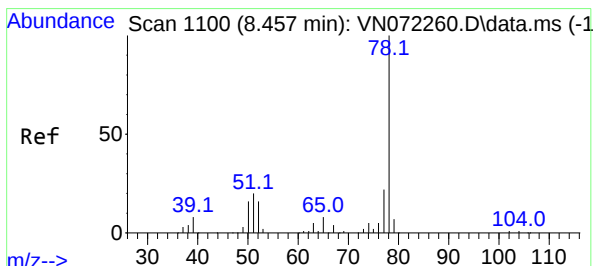
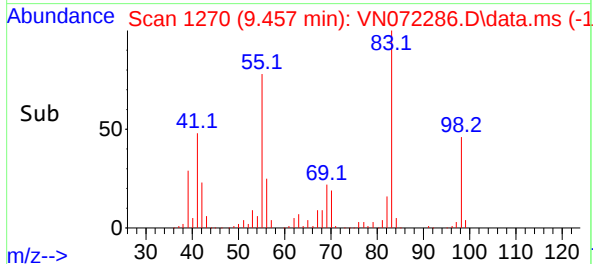
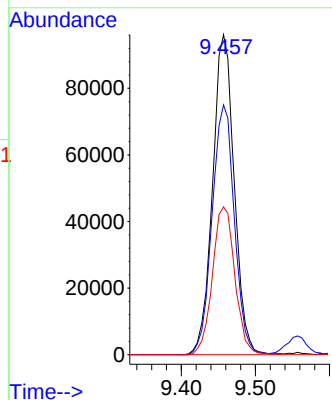
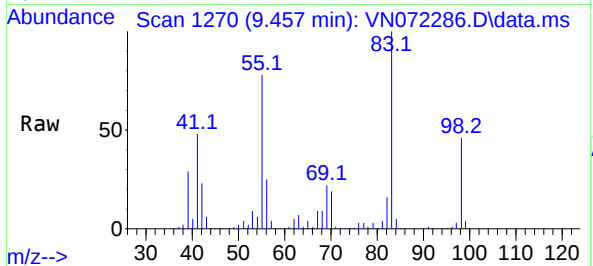
#39
Methylcyclohexane
Concen: 49.985 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 194690
Ion Ratio Lower Upper
83 100
55 78.1 57.8 86.8
98 46.2 39.4 59.2

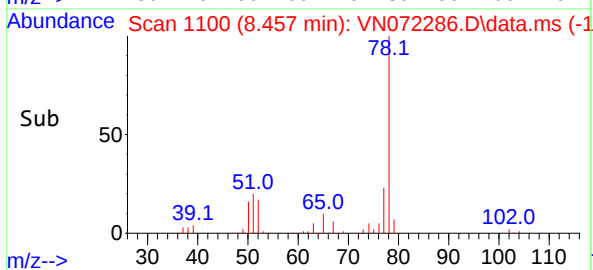
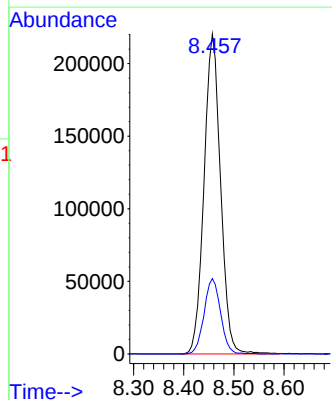
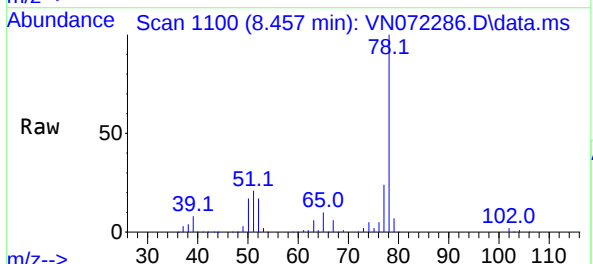
Manual Integrations
APPROVED

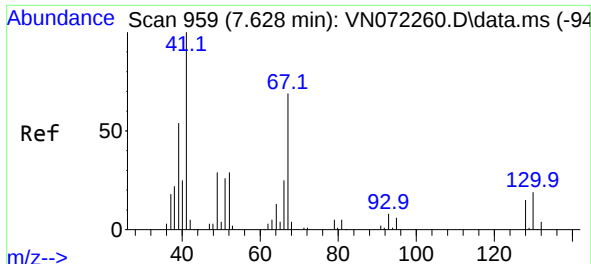
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#40
Benzene
Concen: 46.687 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion: 78 Resp: 504332
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





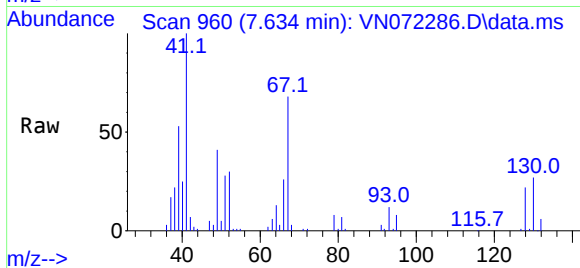
#41
Methacrylonitrile
Concen: 46.896 ug/l
RT: 7.634 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

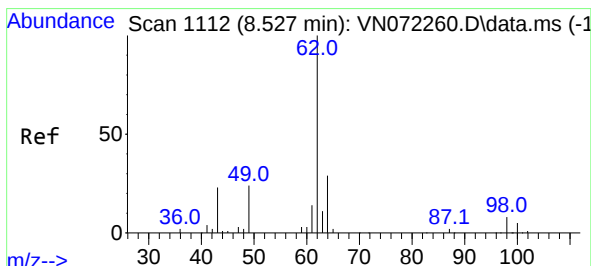
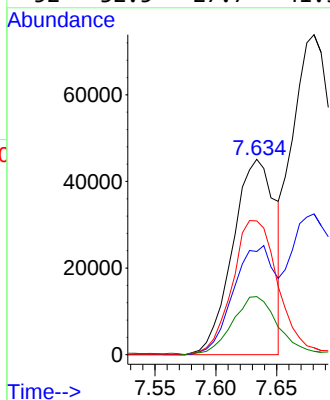
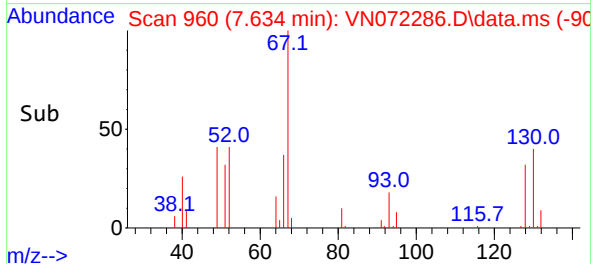


Tgt Ion: 41 Resp: 109724
Ion Ratio Lower Upper
41 100
39 54.8 48.6 73.0
67 74.8 73.4 110.2
52 32.5 27.7 41.5

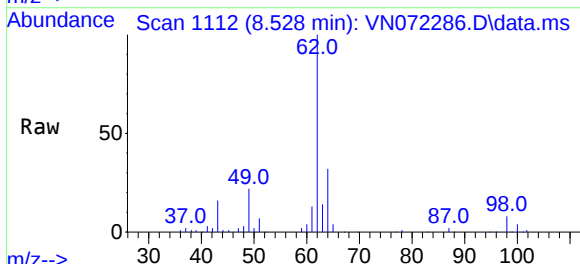
Manual Integrations

APPROVED

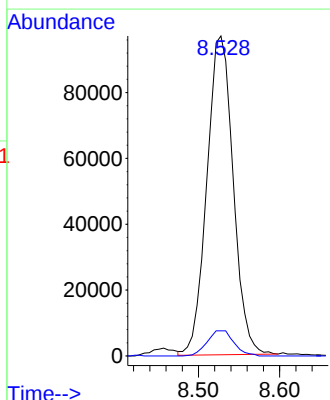
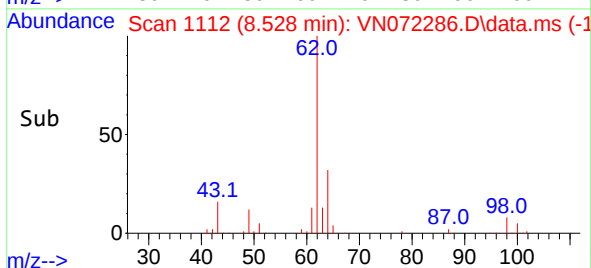
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

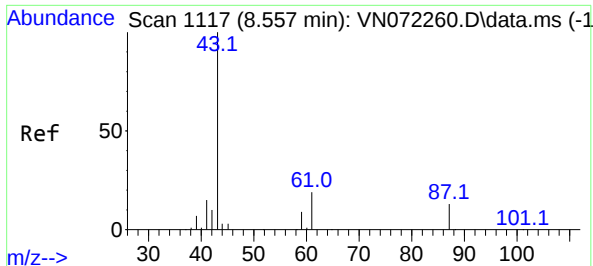


#42
1,2-Dichloroethane
Concen: 52.813 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 62 Resp: 218415
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 44.682 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

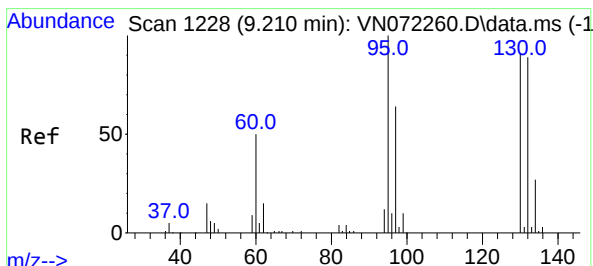
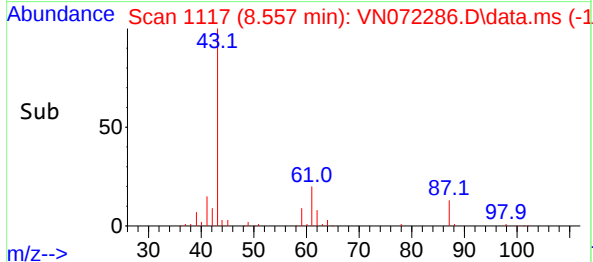
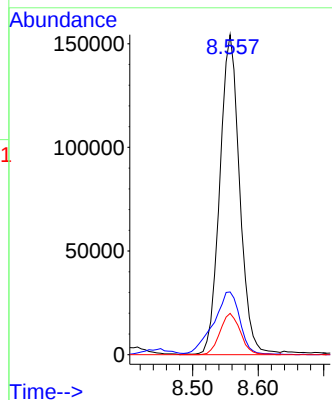
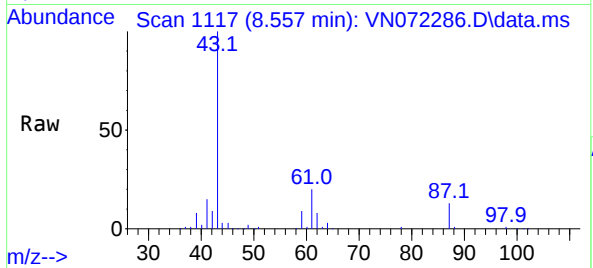
VSTDCCC050

Tgt Ion: 43 Resp: 323839
Ion Ratio Lower Upper
43 100
61 26.3 21.9 32.9
87 13.2 12.0 18.0

Manual Integrations

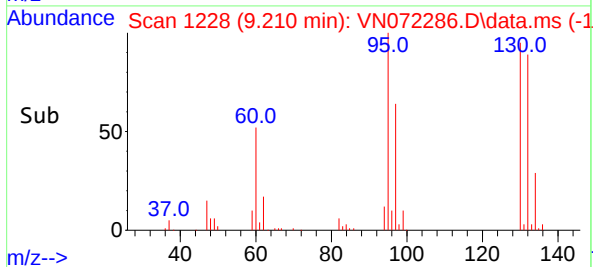
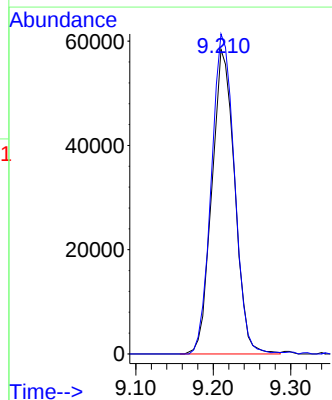
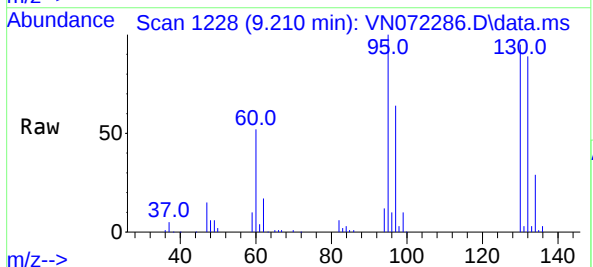
APPROVED

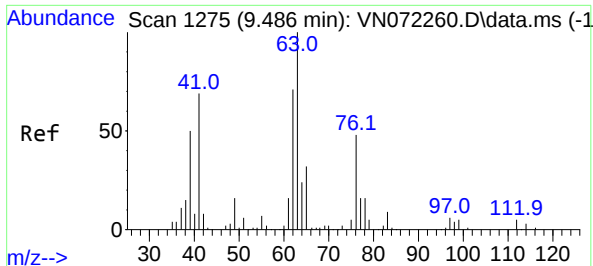
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#44
Trichloroethene
Concen: 47.597 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion:130 Resp: 119604
Ion Ratio Lower Upper
130 100
95 105.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 45.830 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 133778

Ion Ratio Lower Upper

63 100

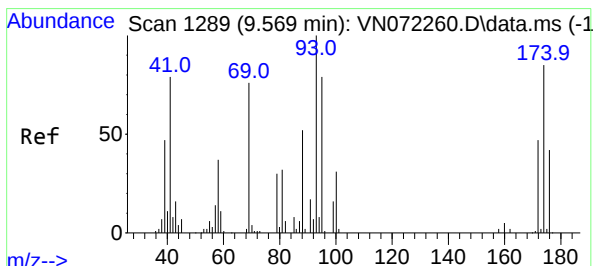
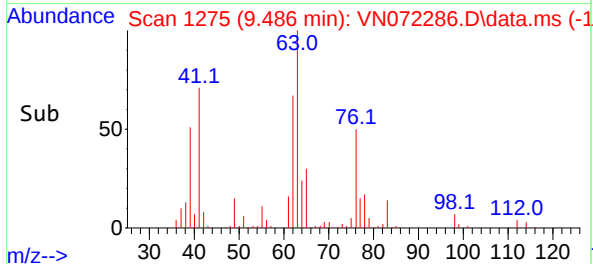
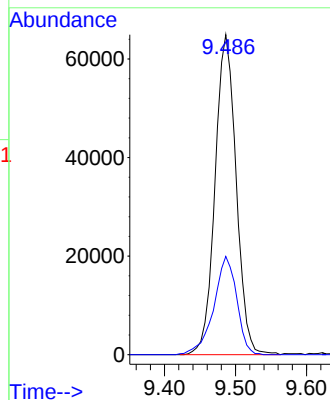
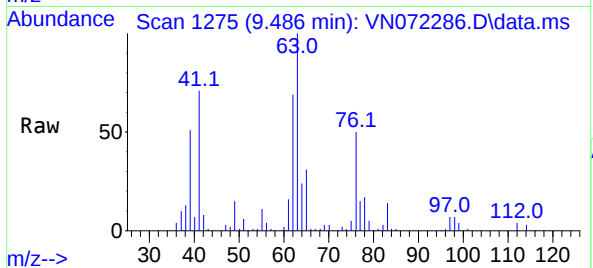
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#46

Dibromomethane

Concen: 50.191 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

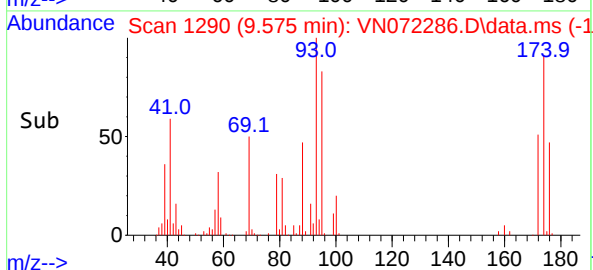
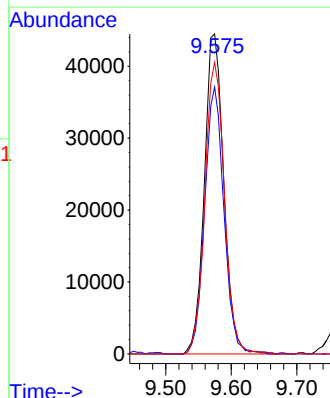
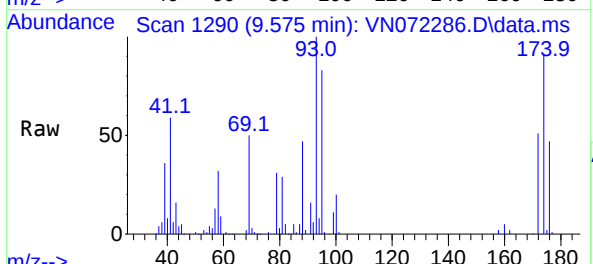
Tgt Ion: 93 Resp: 91777

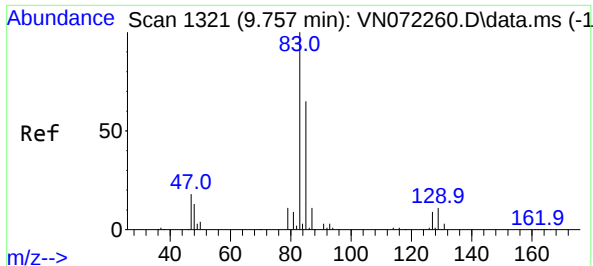
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

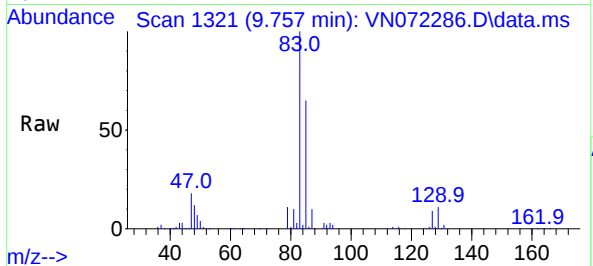
174 91.6 86.6 130.0





#47
Bromodichloromethane
Concen: 54.292 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

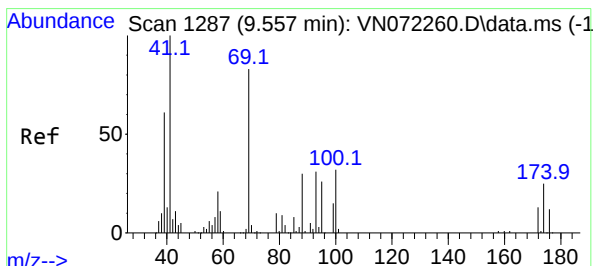
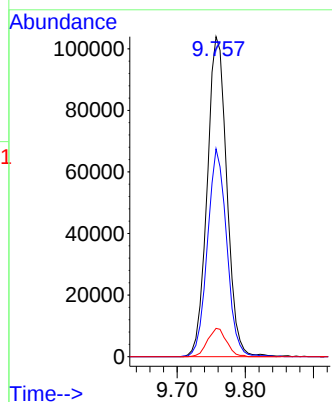
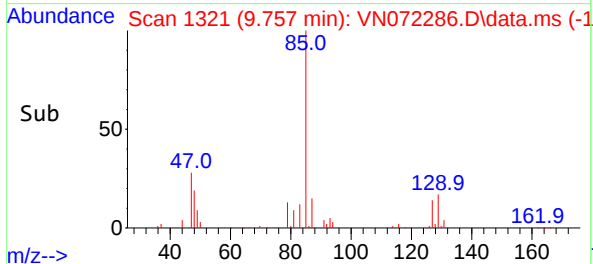
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



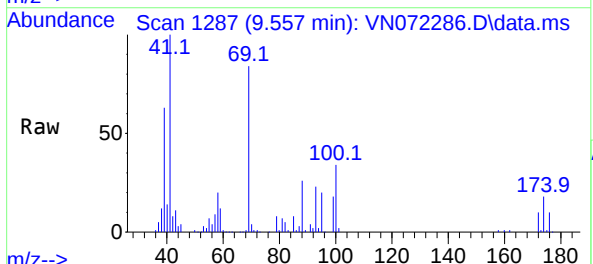
Tgt Ion: 83 Resp: 208300
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 8.9 6.8 10.2

Manual Integrations
APPROVED

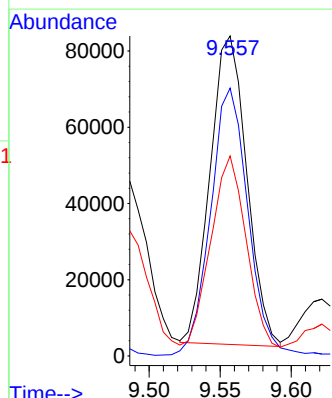
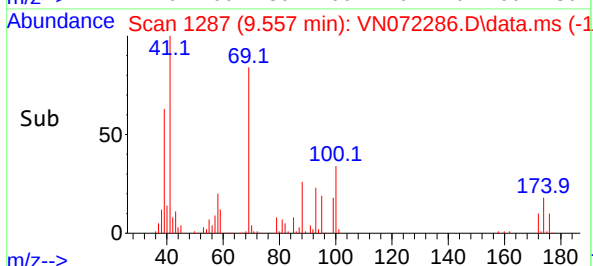
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

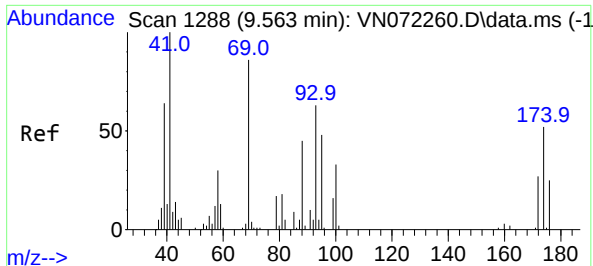


#48
Methyl methacrylate
Concen: 47.551 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



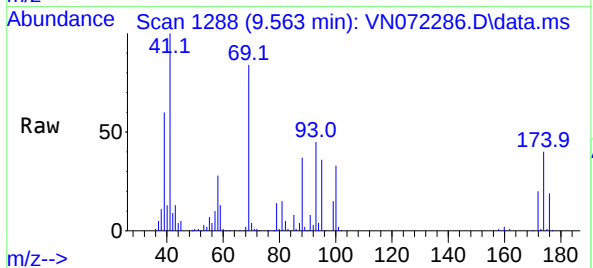
Tgt Ion: 41 Resp: 145270
Ion Ratio Lower Upper
41 100
69 89.3 74.7 112.1
39 65.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1043.309 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

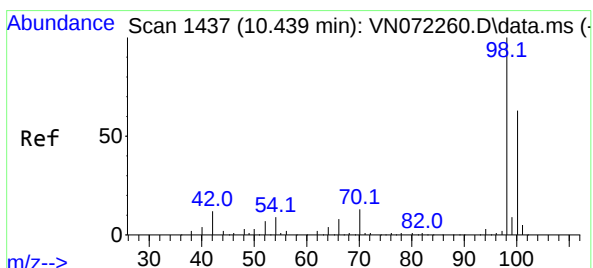
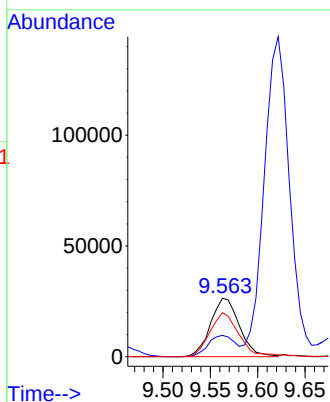
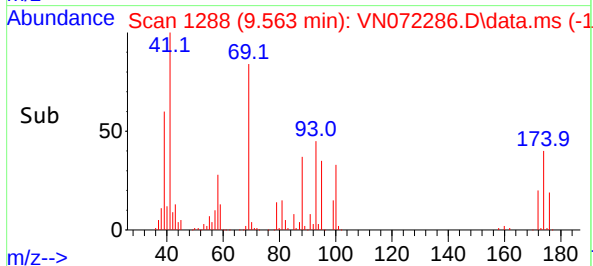
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



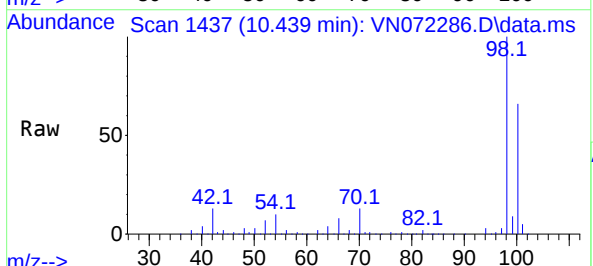
Tgt Ion: 88 Resp: 55990
Ion Ratio Lower Upper
88 100
43 33.9 20.2 30.4
58 76.9 54.2 81.4

Manual Integrations
APPROVED

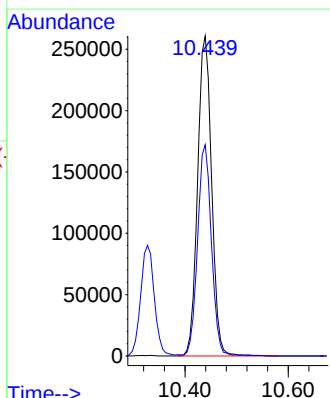
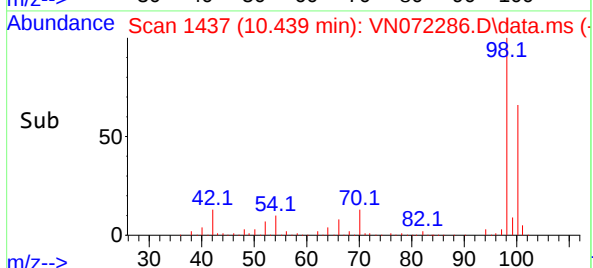
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

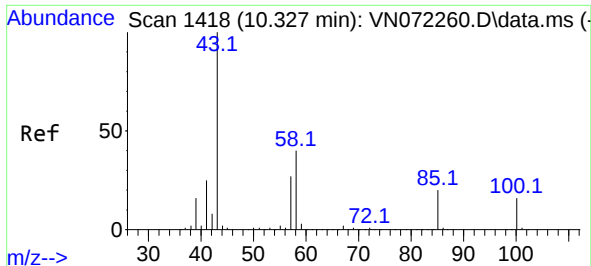


#50
Toluene-d8
Concen: 52.170 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 98 Resp: 490482
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8





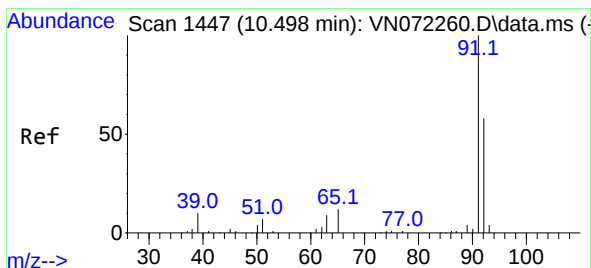
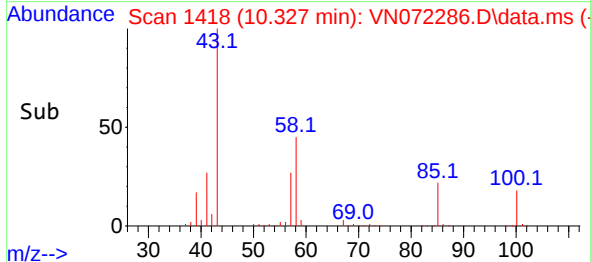
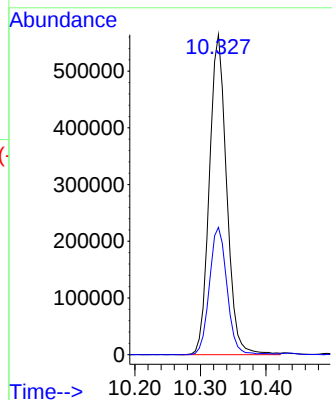
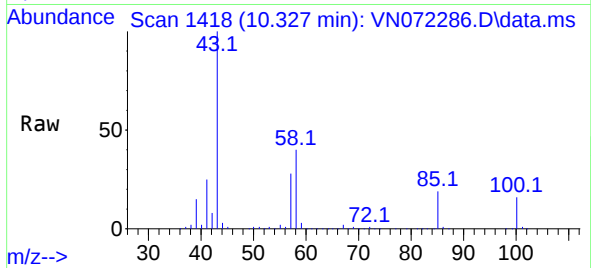
#51
4-Methyl-2-Pentanone
Concen: 237.114 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1034720
Ion Ratio Lower Upper
43 100
58 40.5 34.1 51.1

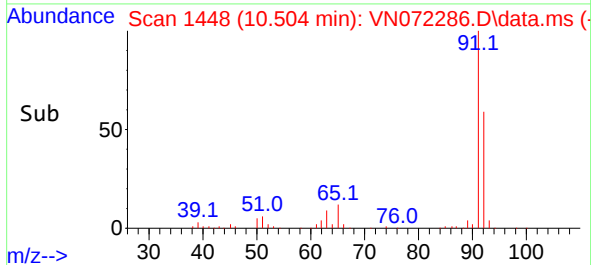
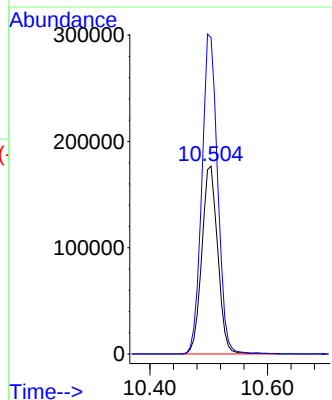
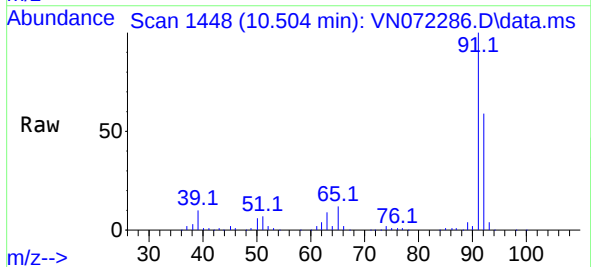
Manual Integrations
APPROVED

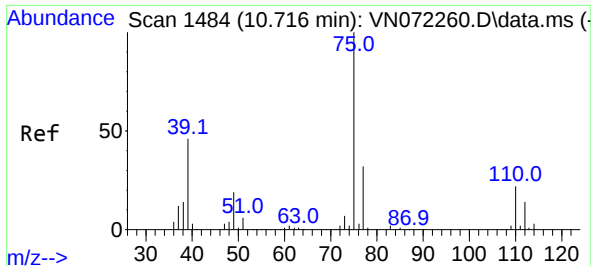
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#52
Toluene
Concen: 51.343 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

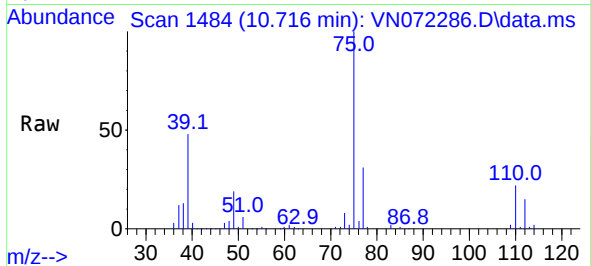
Tgt Ion: 92 Resp: 331566
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.468 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

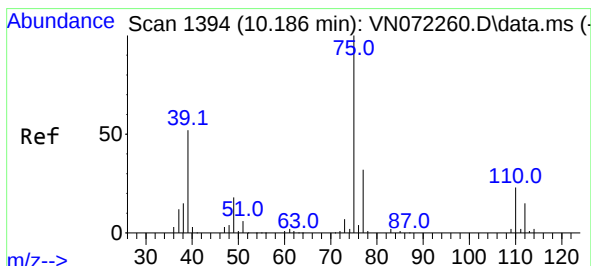
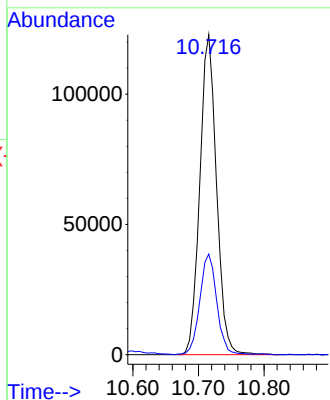
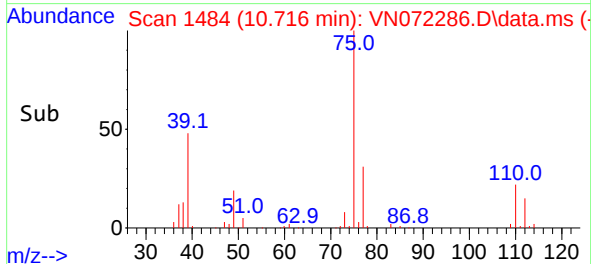
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



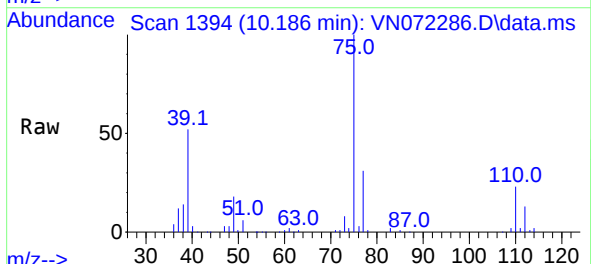
Tgt Ion: 75 Resp: 21778
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
APPROVED

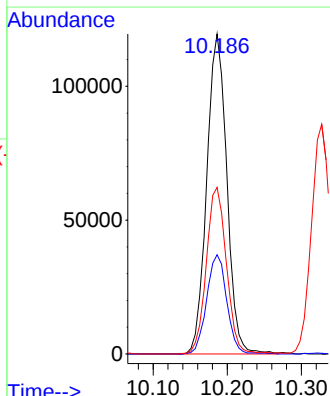
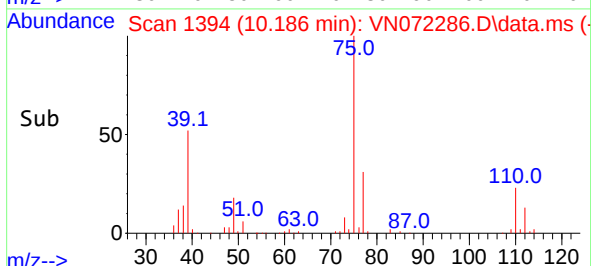
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

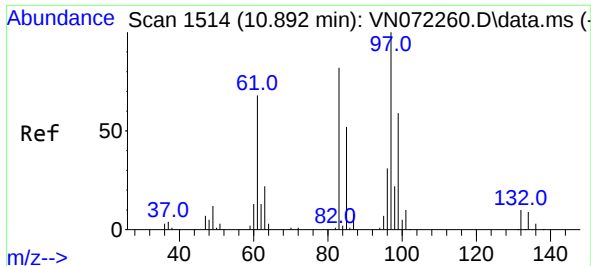


#54
cis-1,3-Dichloropropene
Concen: 53.985 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



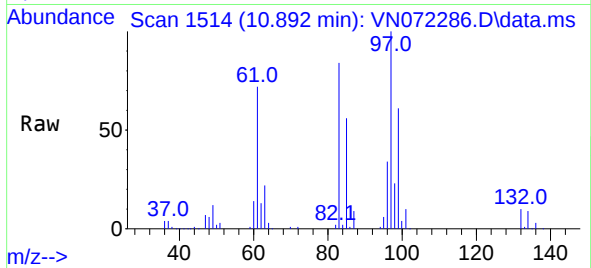
Tgt Ion: 75 Resp: 225175
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 52.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.195 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

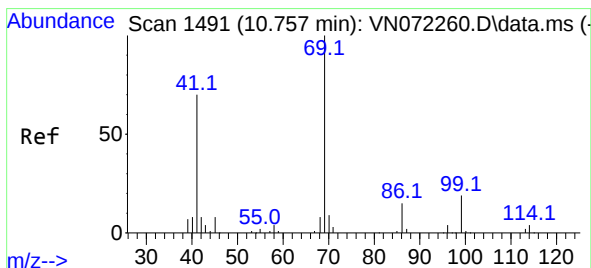
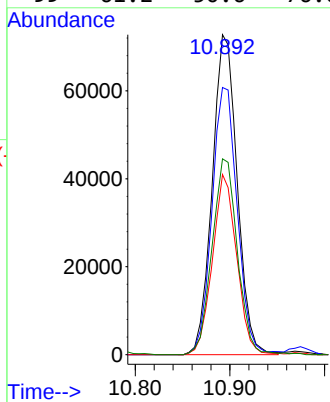
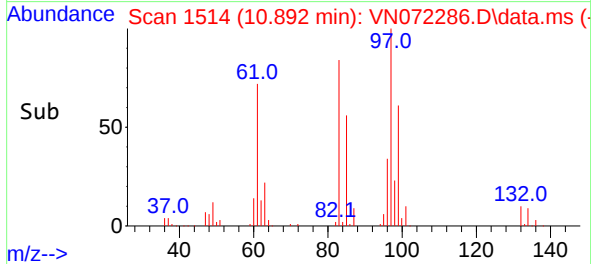
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



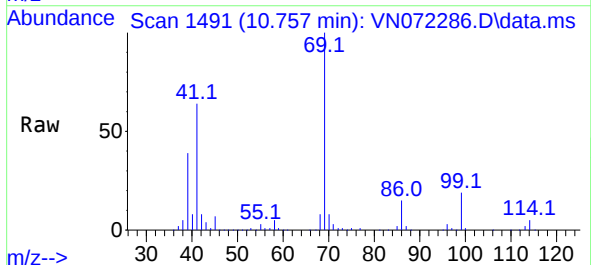
Tgt Ion: 97 Resp: 133208
Ion Ratio Lower Upper
97 100
83 83.5 66.2 99.4
85 56.3 43.9 65.9
99 61.2 50.6 76.0

Manual Integrations
APPROVED

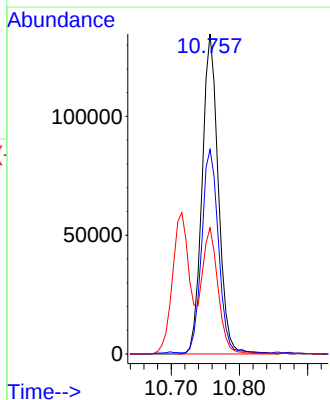
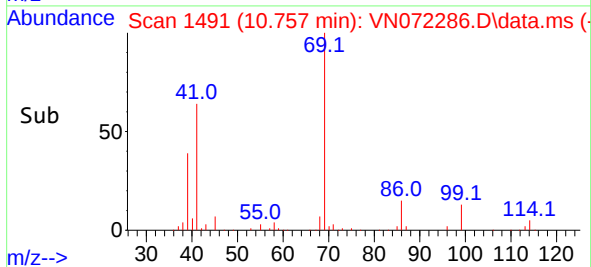
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

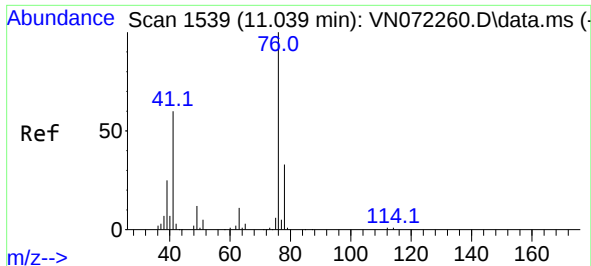


#56
Ethyl methacrylate
Concen: 47.115 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 69 Resp: 222743
Ion Ratio Lower Upper
69 100
41 65.7 47.8 71.6
39 36.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.735 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 236319

Ion Ratio Lower Upper

76 100

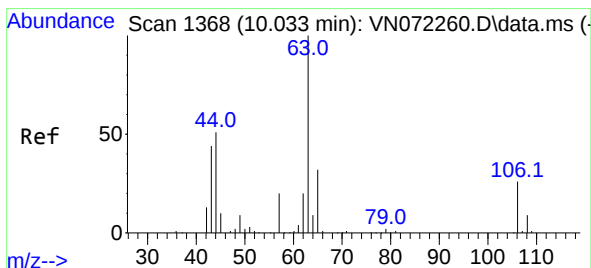
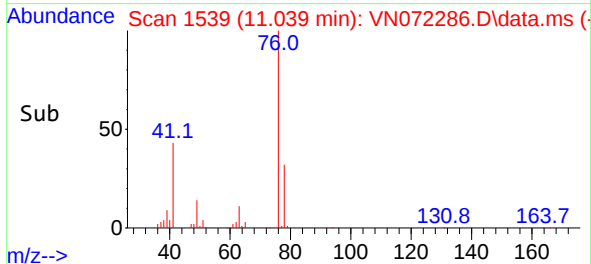
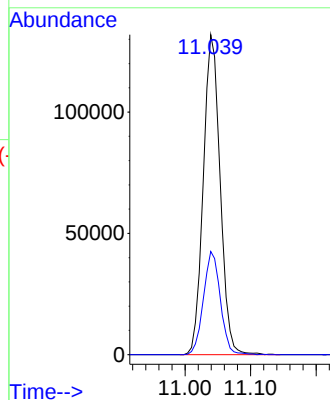
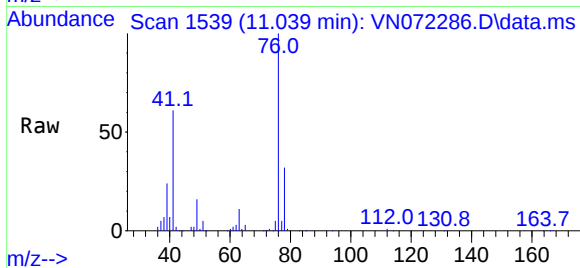
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 208.106 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072286.D

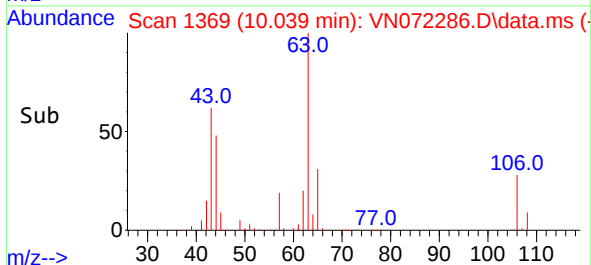
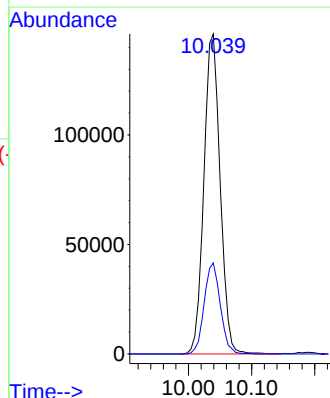
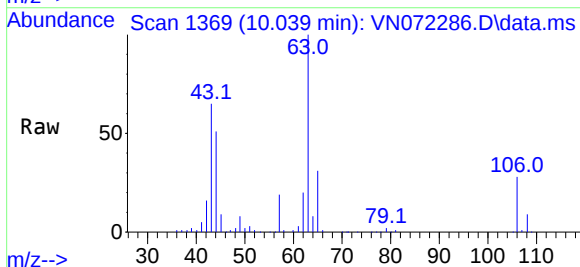
Acq: 02 May 2022 10:28

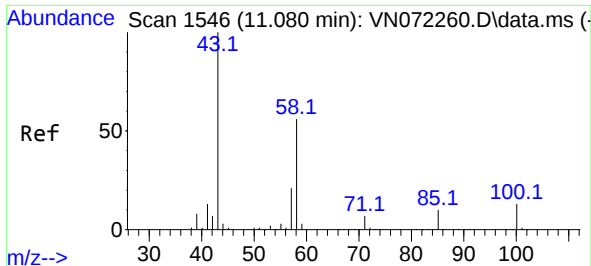
Tgt Ion: 63 Resp: 261423

Ion Ratio Lower Upper

63 100

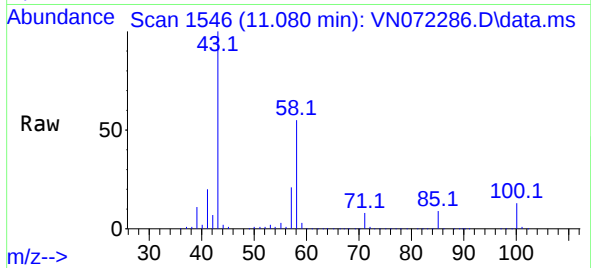
106 28.2 24.6 36.8





#59
2-Hexanone
Concen: 245.823 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

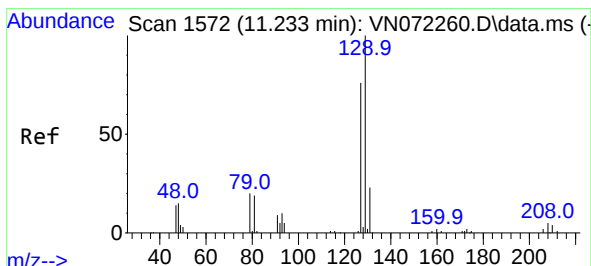
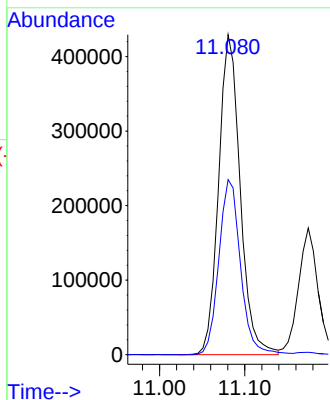
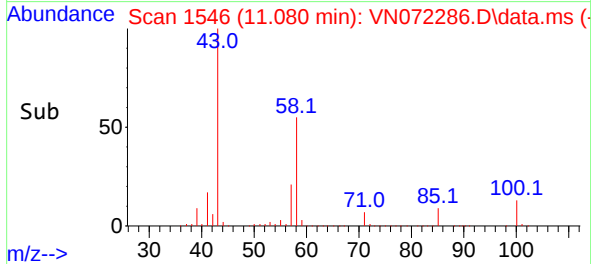
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 755790
Ion Ratio Lower Upper
43 100
58 55.1 29.7 89.1

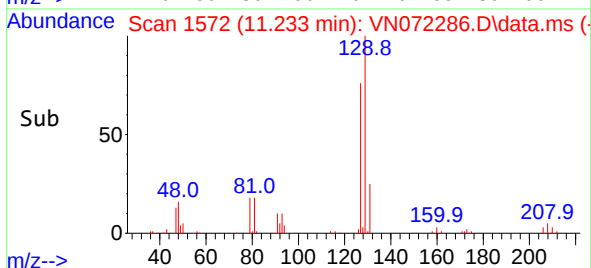
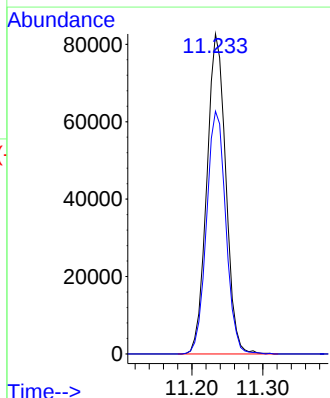
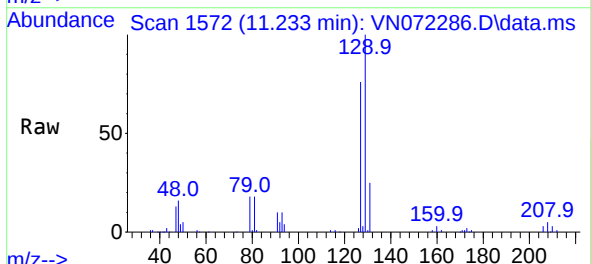
Manual Integrations
APPROVED

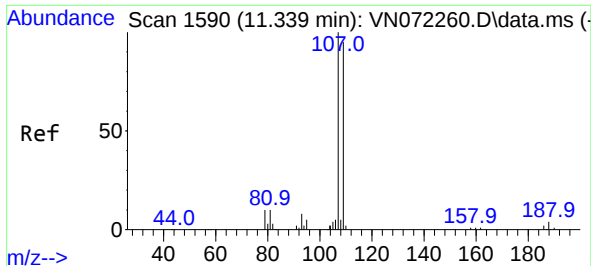
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#60
Dibromochloromethane
Concen: 55.342 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion:129 Resp: 153233
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





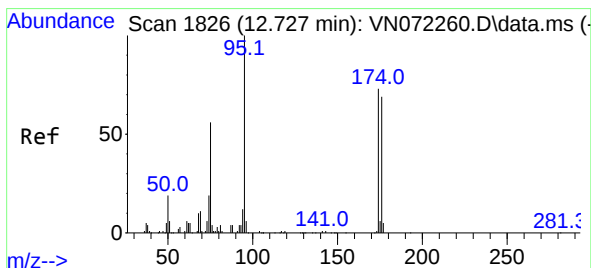
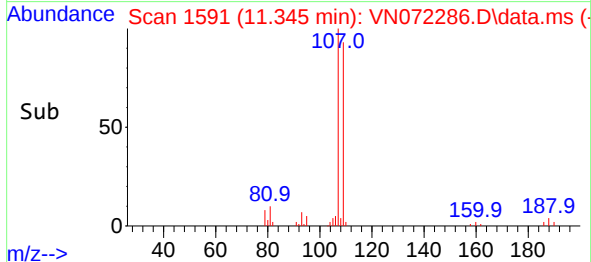
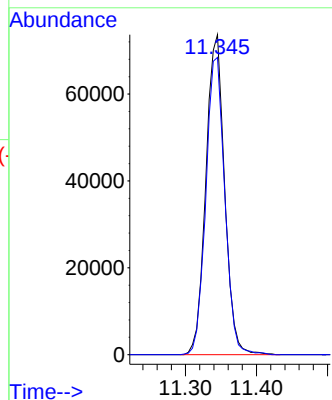
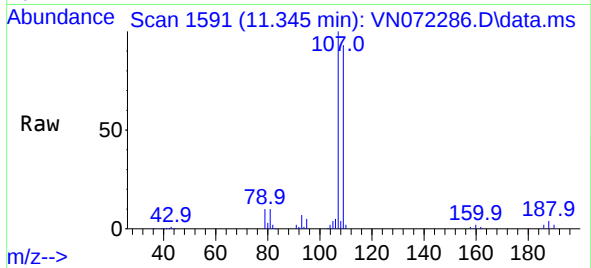
#61
1,2-Dibromoethane
Concen: 50.674 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 13494
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6

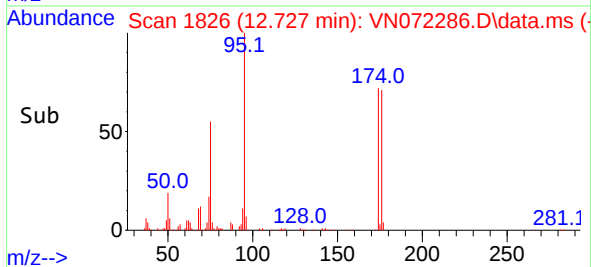
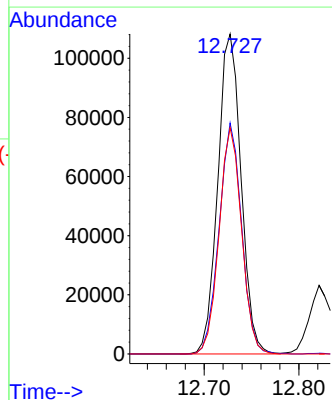
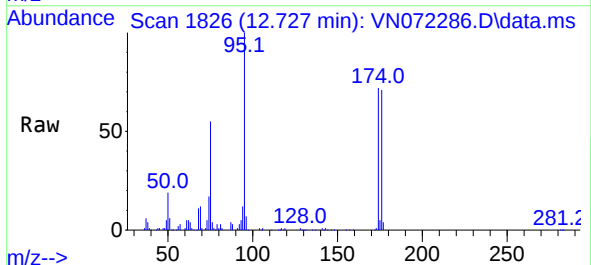
Manual Integrations
APPROVED

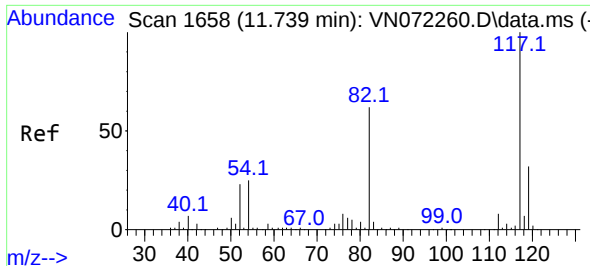
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#62
4-Bromofluorobenzene
Concen: 59.239 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion: 95 Resp: 184860
Ion Ratio Lower Upper
95 100
174 69.9 0.0 167.6
176 68.1 0.0 163.4





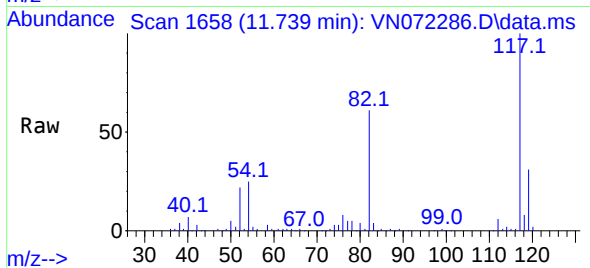
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



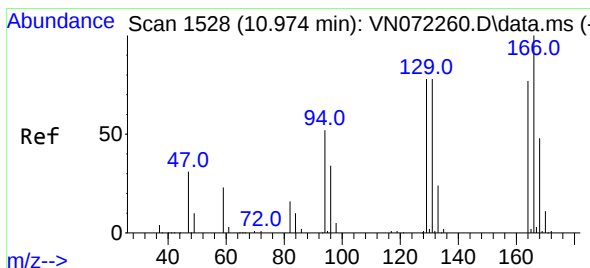
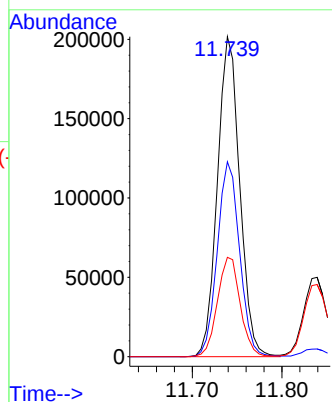
Tgt Ion:117 Resp: 348298
Ion Ratio Lower Upper
117 100
82 60.9 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations

APPROVED

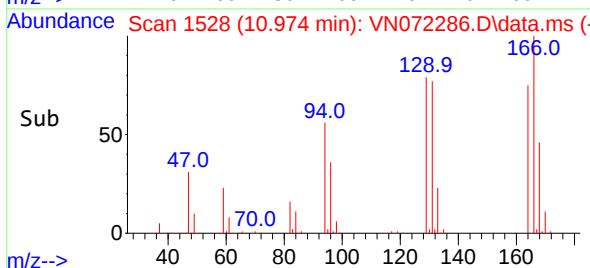
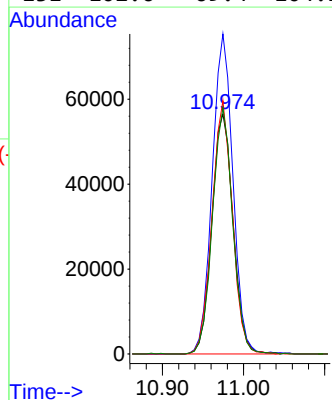
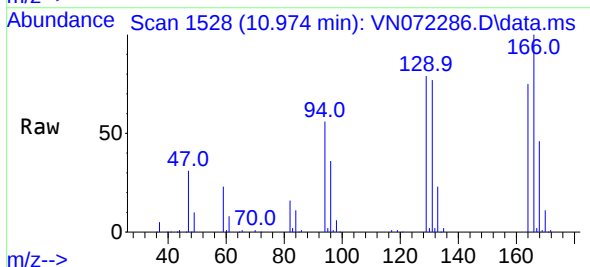
Reviewed By :John Carlone 05/03/2022

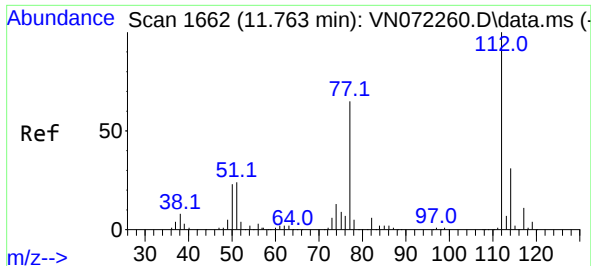
Supervised By :Mahesh Dadoda 05/03/2022



#64
Tetrachloroethene
Concen: 49.060 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

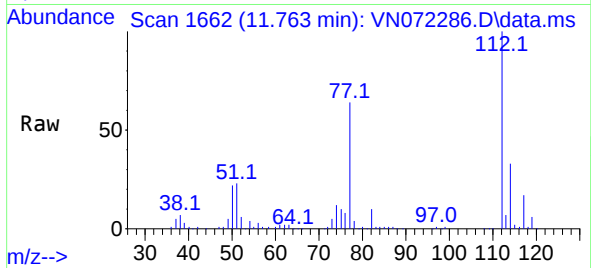
Tgt Ion:164 Resp: 102857
Ion Ratio Lower Upper
164 100
166 133.3 104.2 156.2
129 105.5 73.9 110.9
131 102.6 69.4 104.2





#65
Chlorobenzene
Concen: 48.728 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

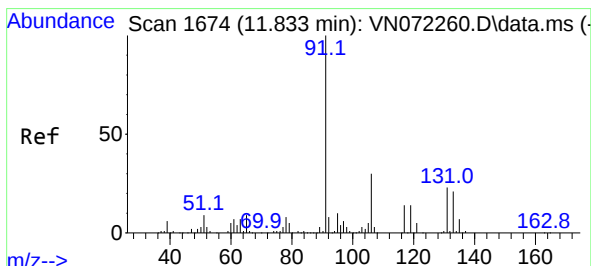
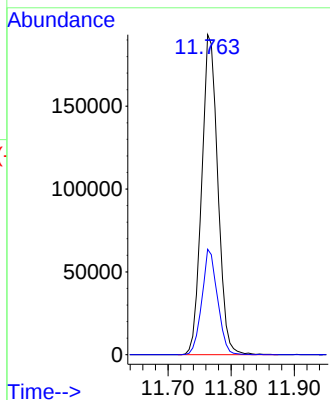
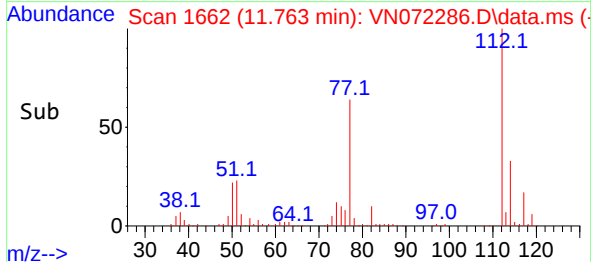
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



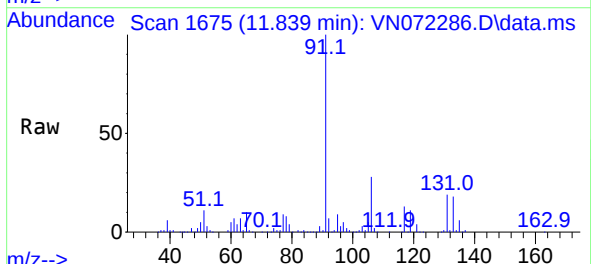
Tgt Ion:112 Resp: 342924
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2

Manual Integrations
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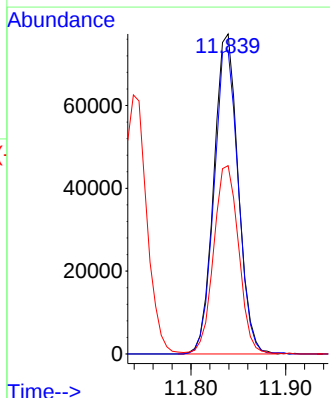
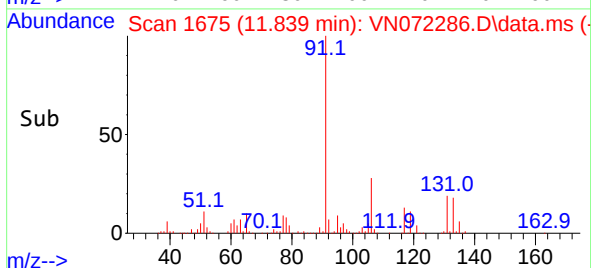
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

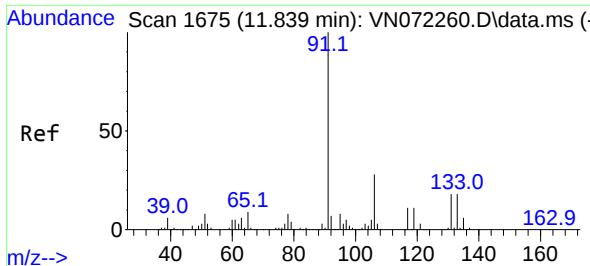


#66
1,1,1,2-Tetrachloroethane
Concen: 52.098 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



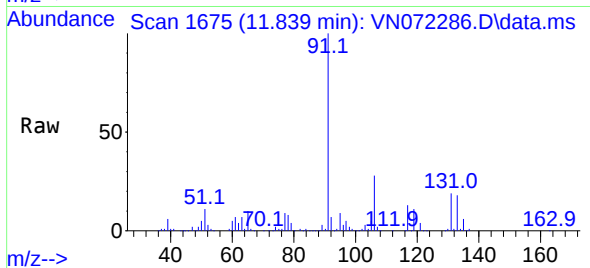
Tgt Ion:131 Resp: 138150
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 60.4 33.4 100.2





#67
Ethyl Benzene
Concen: 53.460 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

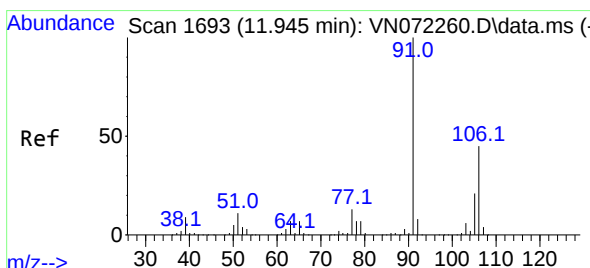
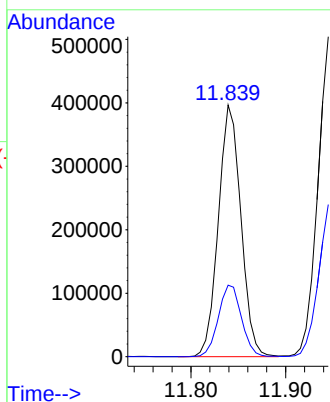
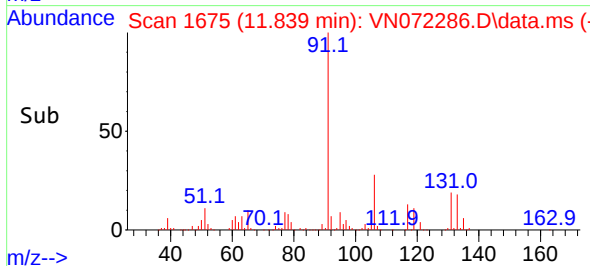
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



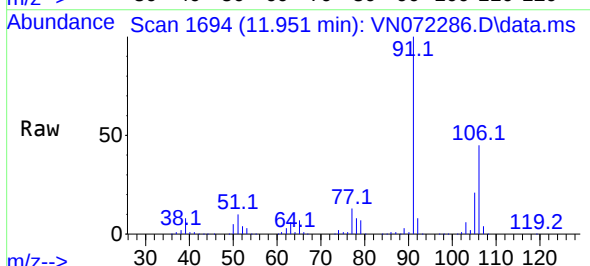
Tgt Ion: 91 Resp: 656109
Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3

Manual Integrations
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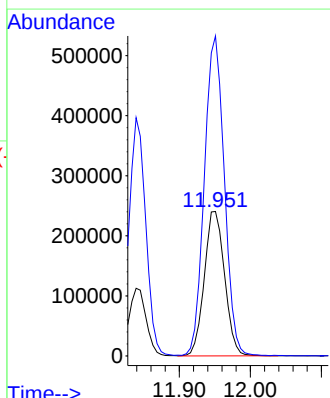
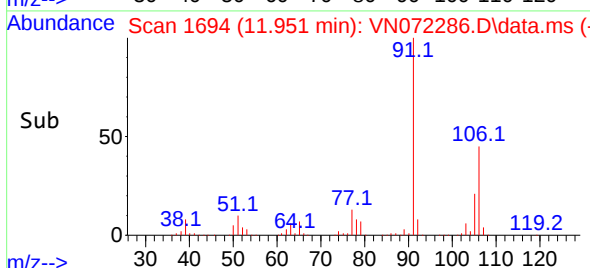
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

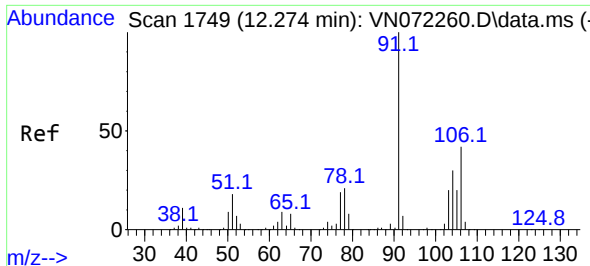


#68
m/p-Xylenes
Concen: 104.889 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion:106 Resp: 478024
Ion Ratio Lower Upper
106 100
91 217.6 158.9 238.3





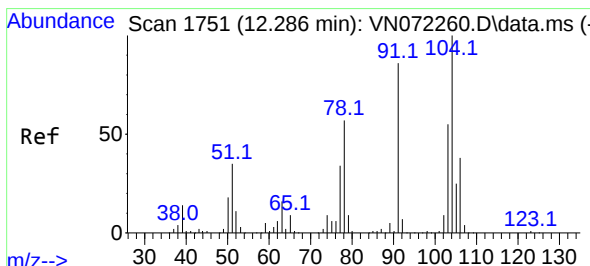
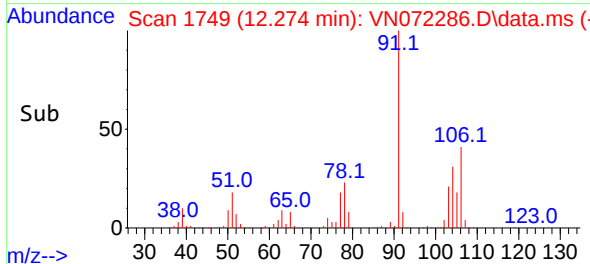
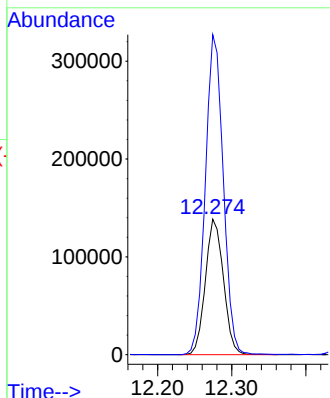
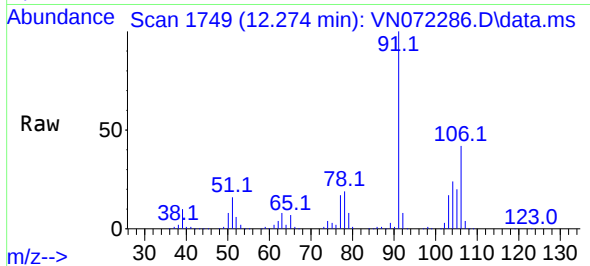
#69
o-Xylene
Concen: 53.094 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 234570
Ion Ratio Lower Upper
106 100
91 234.4 106.0 318.0

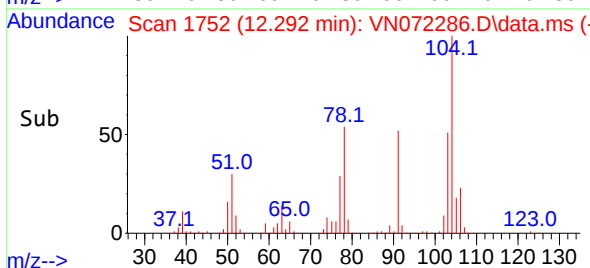
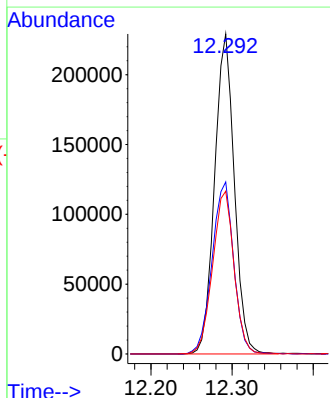
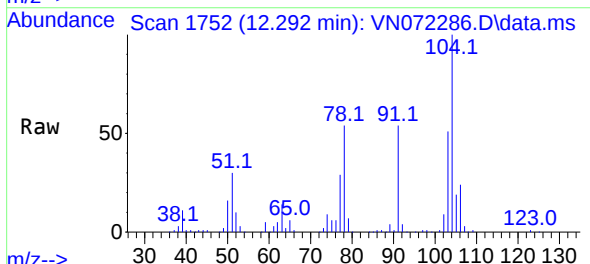
Manual Integrations
APPROVED

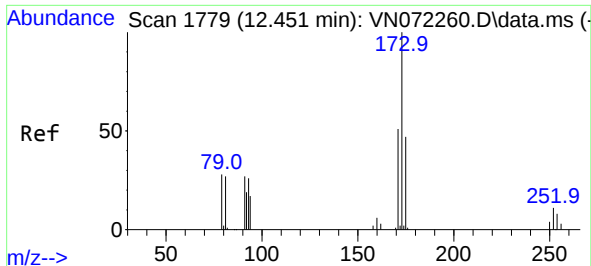
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#70
Styrene
Concen: 55.647 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

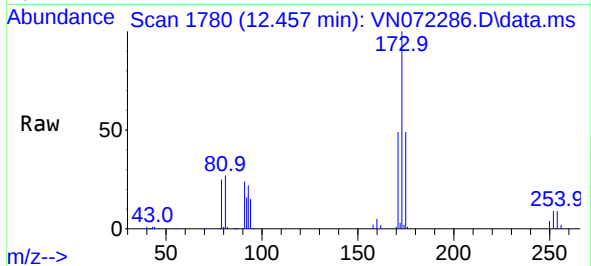
Tgt Ion:104 Resp: 387261
Ion Ratio Lower Upper
104 100
78 58.9 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 56.601 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

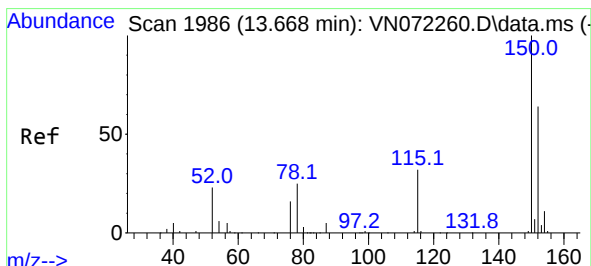
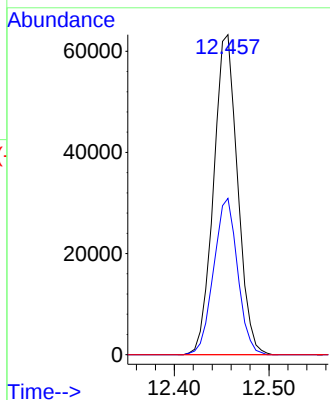
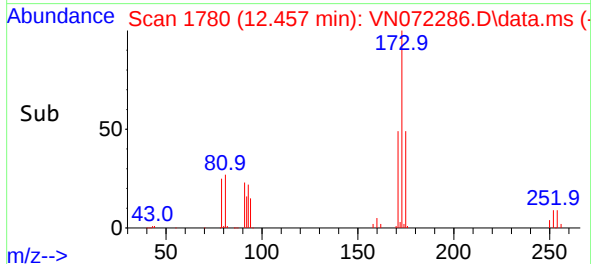
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 111629
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1

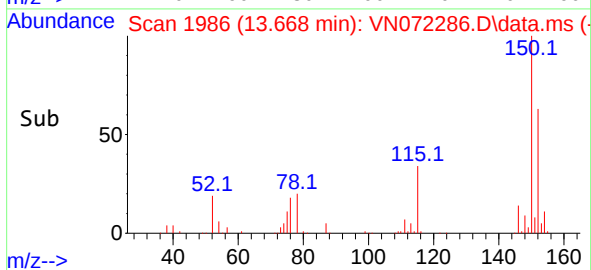
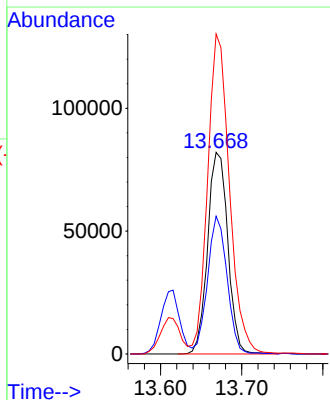
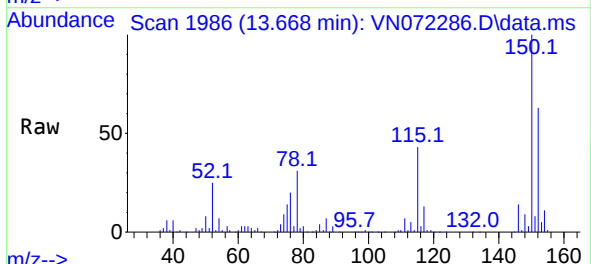
Manual Integrations
APPROVED

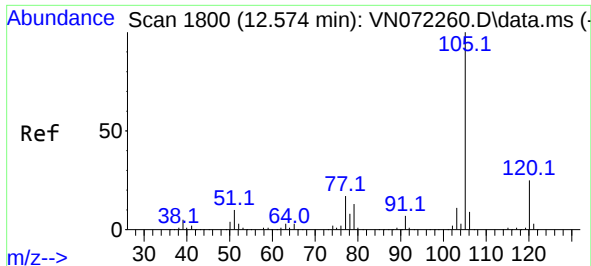
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion:152 Resp: 142037
Ion Ratio Lower Upper
152 100
115 66.0 28.9 86.7
150 170.4 0.0 356.2





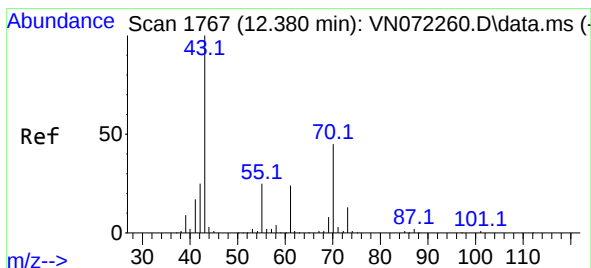
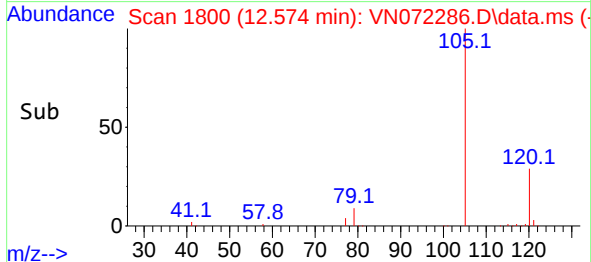
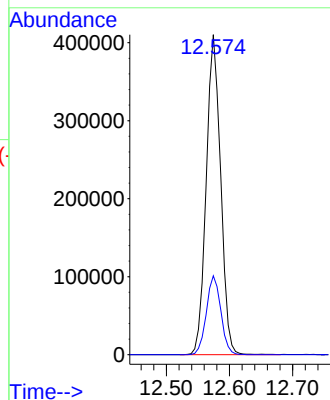
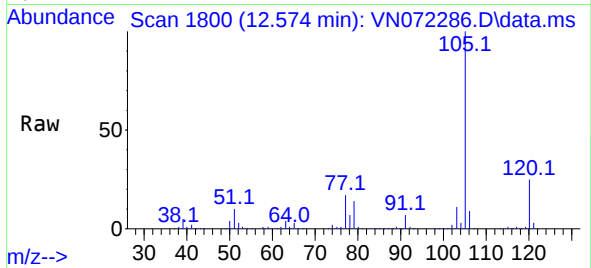
#73
Isopropylbenzene
Concen: 51.716 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 648762
Ion Ratio Lower Upper
105 100
120 24.7 13.5 40.4

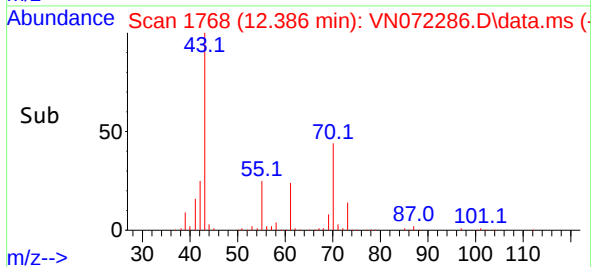
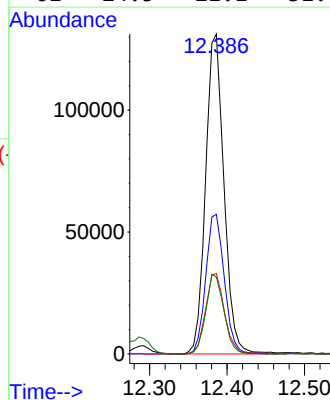
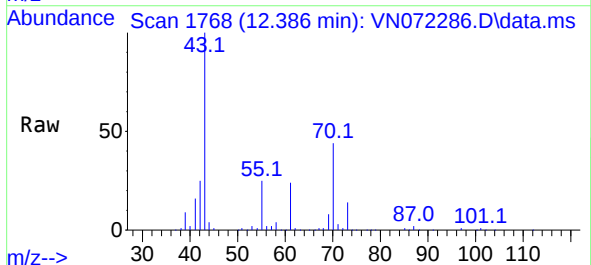
Manual Integrations
APPROVED

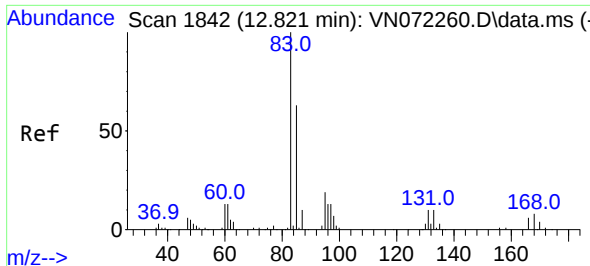
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#74
N-ethyl acetate
Concen: 46.007 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

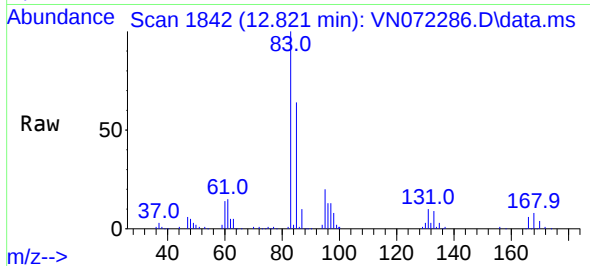
Tgt Ion: 43 Resp: 216224
Ion Ratio Lower Upper
43 100
70 44.2 39.0 58.4
55 25.8 21.1 31.7
61 24.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.377 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

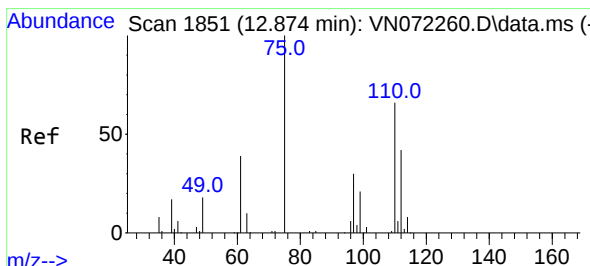
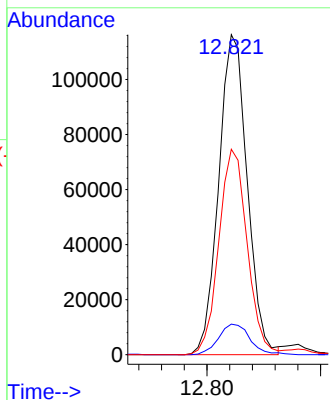
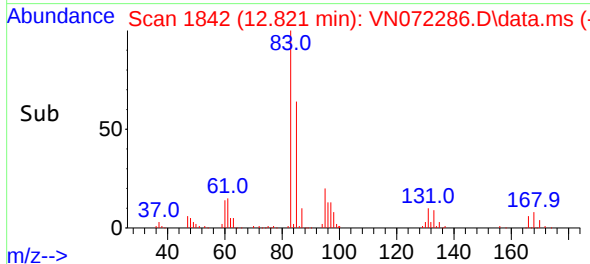
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



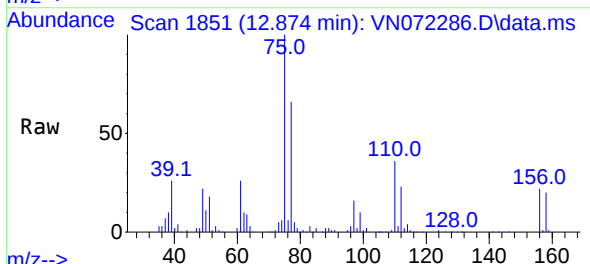
Tgt Ion: 83 Resp: 202608
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.1 32.3 96.9

Manual Integrations
APPROVED

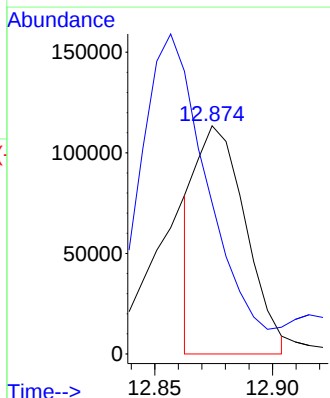
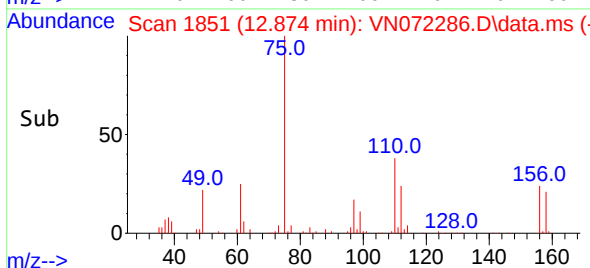
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

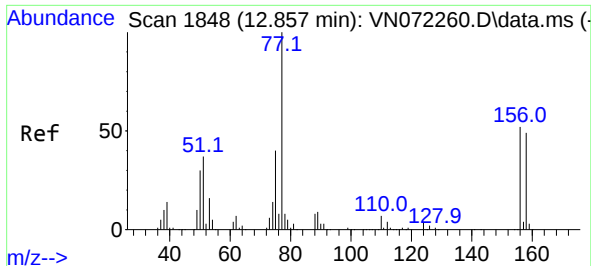


#76
1,2,3-Trichloropropane
Concen: 50.271 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion: 75 Resp: 166437
Ion Ratio Lower Upper
75 100
77 194.4 98.5 295.5





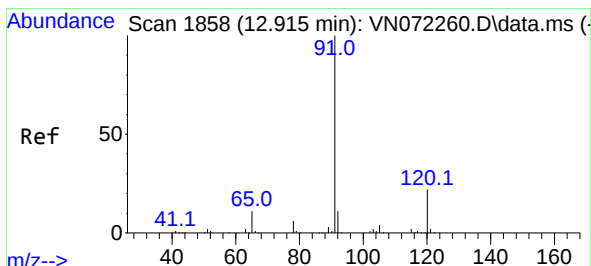
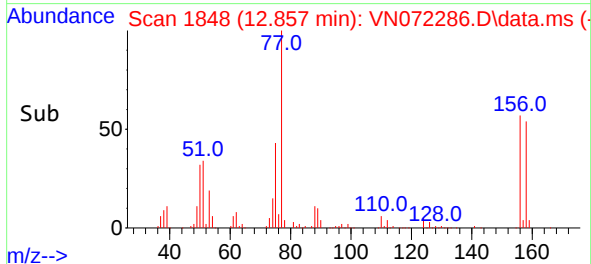
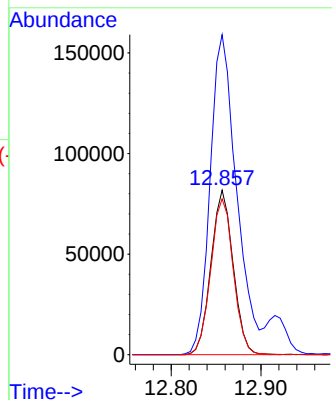
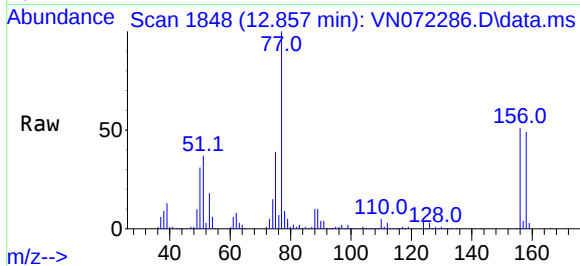
#77
Bromobenzene
Concen: 47.297 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 140312
Ion Ratio Lower Upper
156 100
77 230.6 100.5 301.5
158 96.2 48.9 146.6

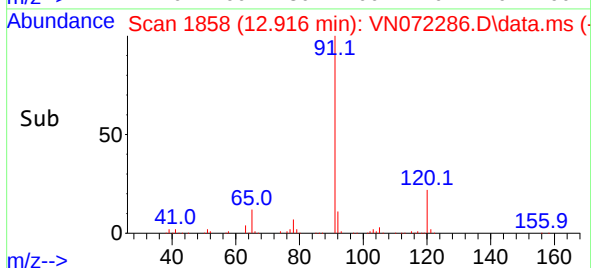
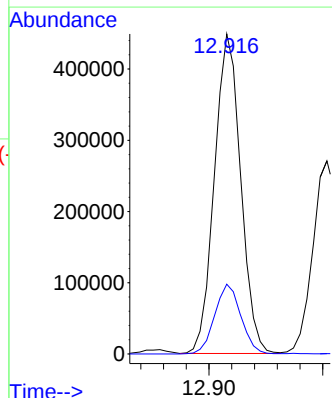
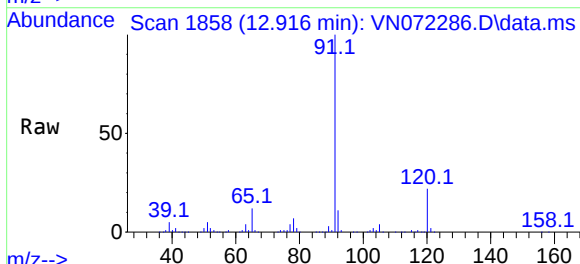
Manual Integrations
APPROVED

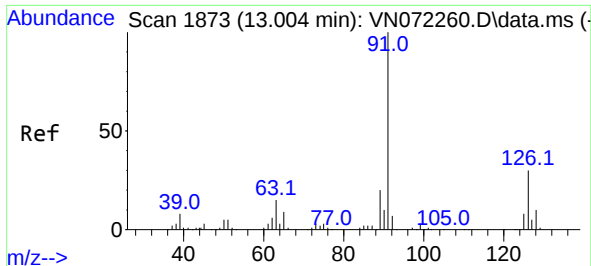
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#78
n-propylbenzene
Concen: 52.142 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion: 91 Resp: 720594
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





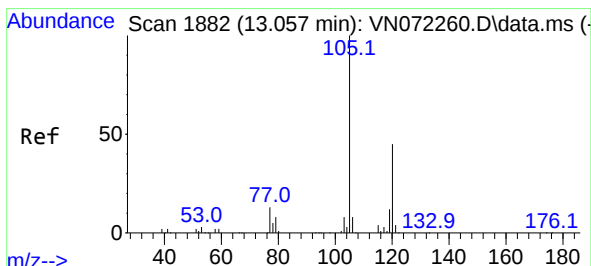
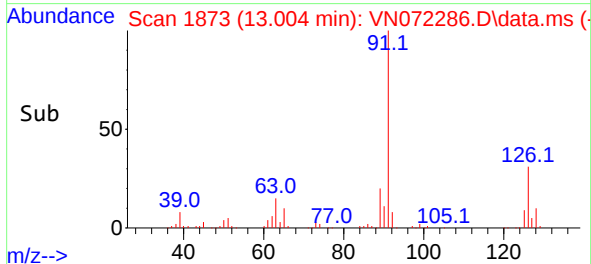
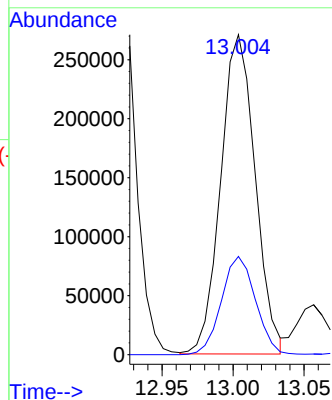
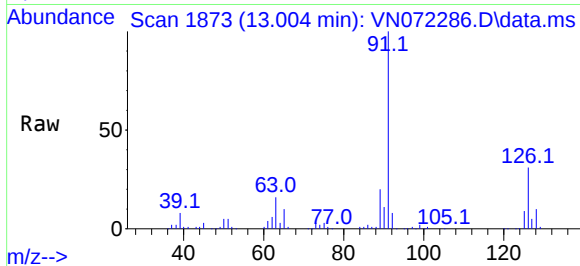
#79
2-Chlorotoluene
Concen: 50.282 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 45642
Ion Ratio Lower Upper
91 100
126 30.5 17.3 51.9

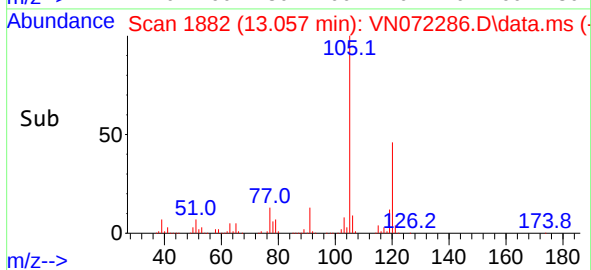
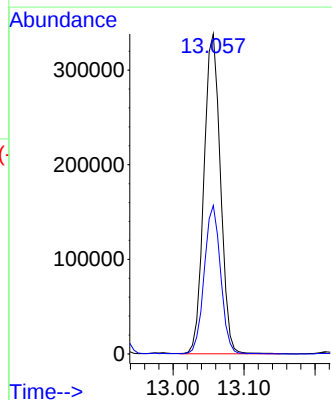
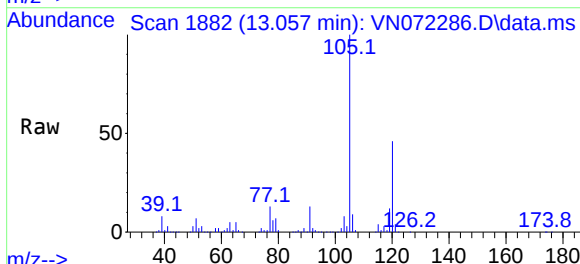
Manual Integrations
APPROVED

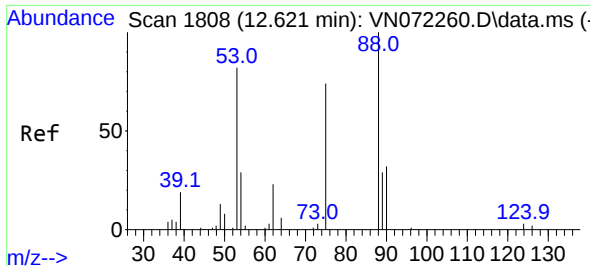
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.396 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion:105 Resp: 547396
Ion Ratio Lower Upper
105 100
120 46.1 24.9 74.7





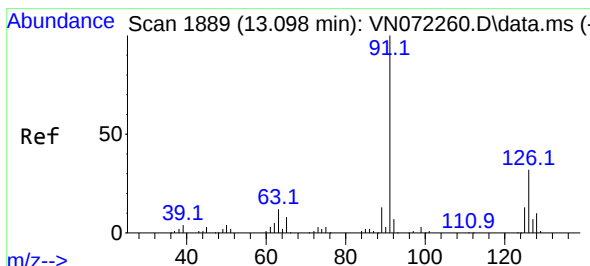
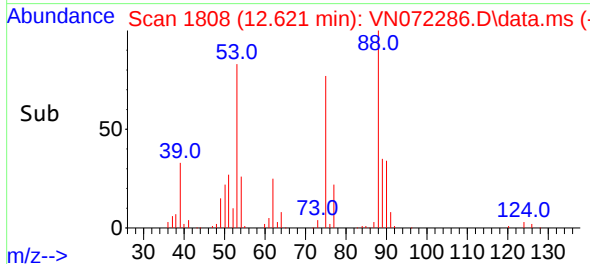
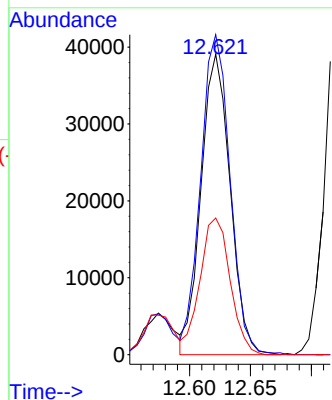
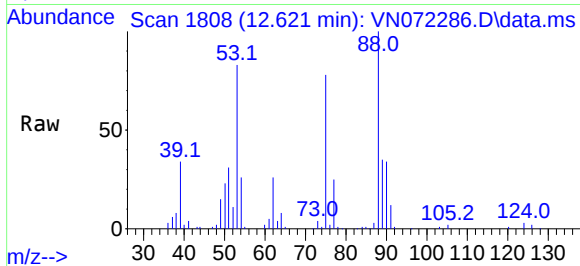
#81
trans-1,4-Dichloro-2-butene
Concen: 52.705 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6474
Ion Ratio Lower Upper
75 100
53 108.0 78.0 117.0
89 47.4 37.2 55.8

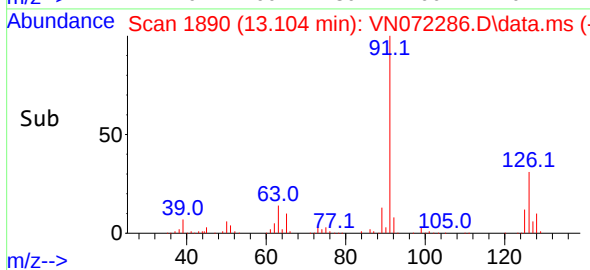
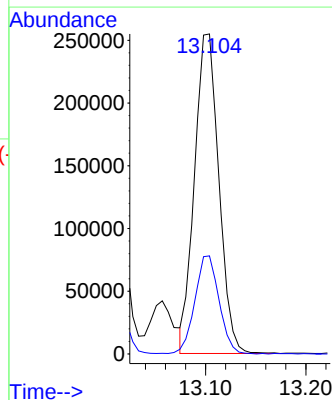
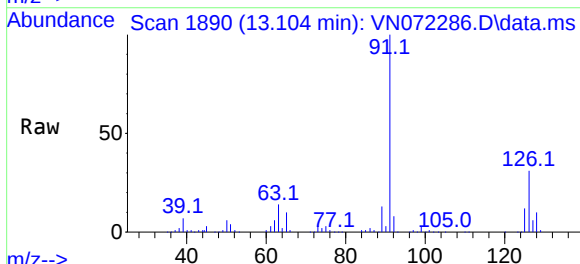
Manual Integrations
APPROVED

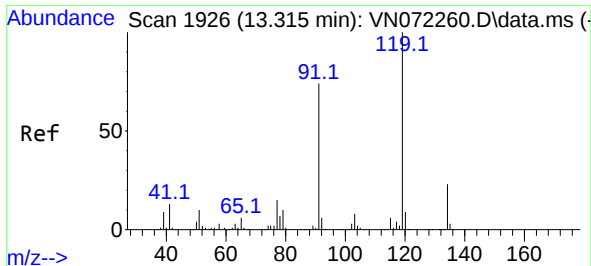
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#82
4-Chlorotoluene
Concen: 50.851 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

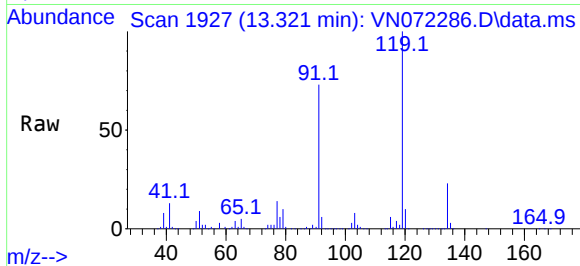
Tgt Ion: 91 Resp: 429684
Ion Ratio Lower Upper
91 100
126 30.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.190 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

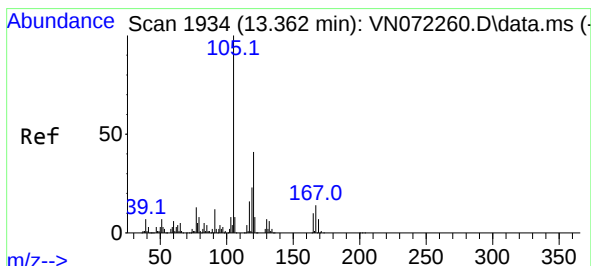
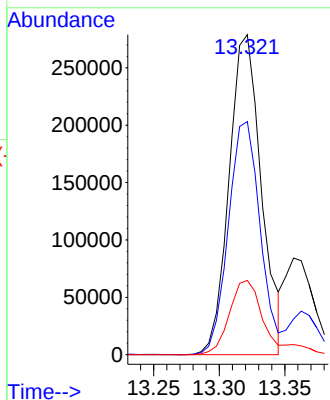
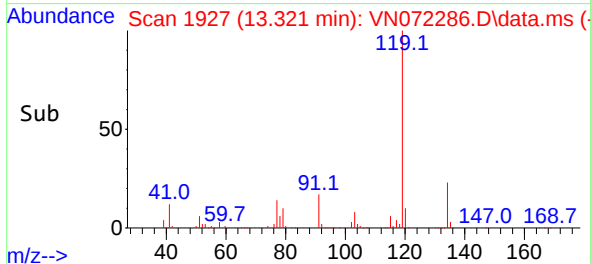
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 478732
Ion Ratio Lower Upper
119 100
91 71.5 31.6 94.8
134 25.6 13.7 41.1

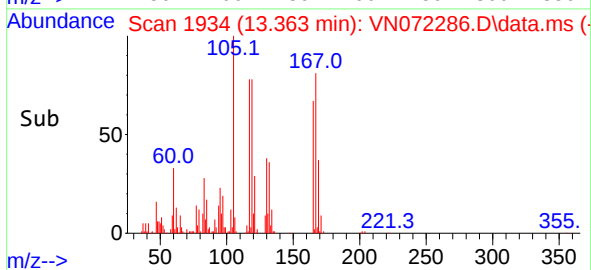
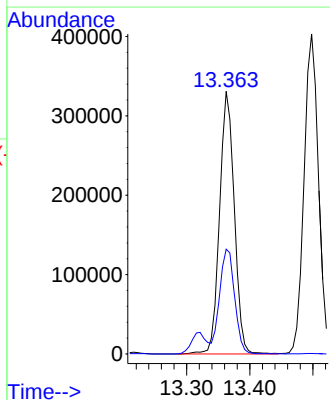
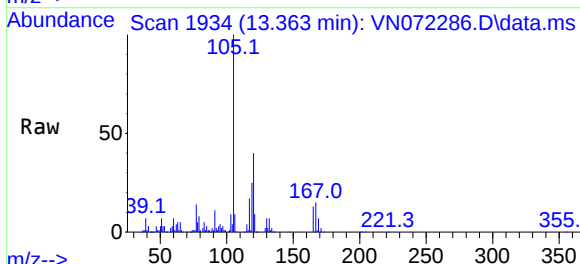
Manual Integrations
APPROVED

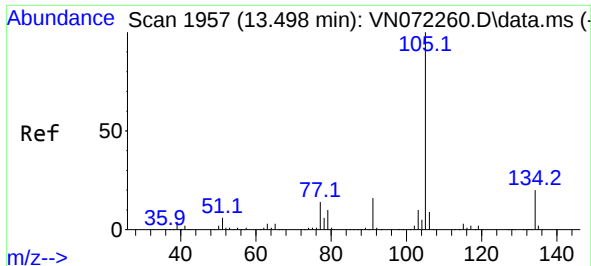
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.929 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion:105 Resp: 535020
Ion Ratio Lower Upper
105 100
120 40.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.610 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072286.D
 Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

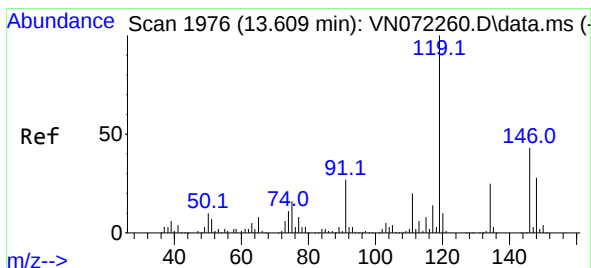
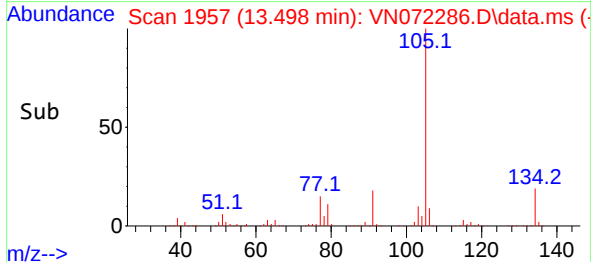
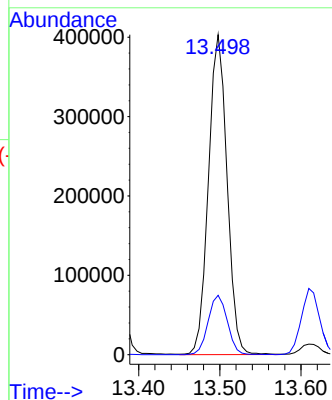
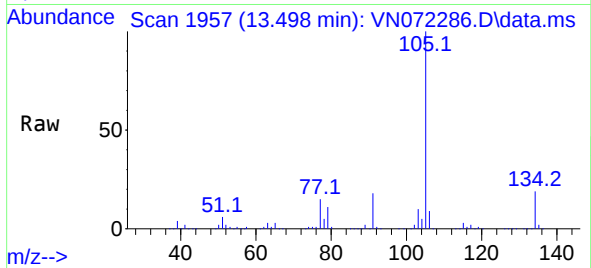
VSTDCCC050

Tgt Ion:105 Resp: 641120
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations

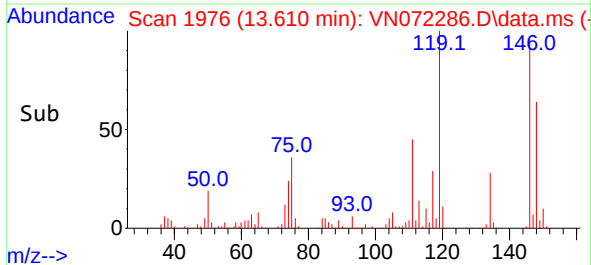
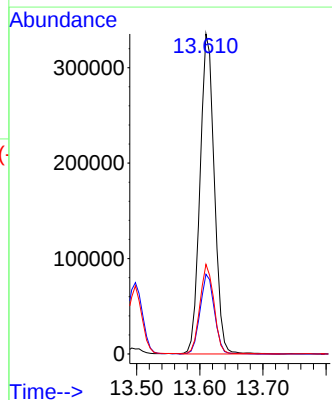
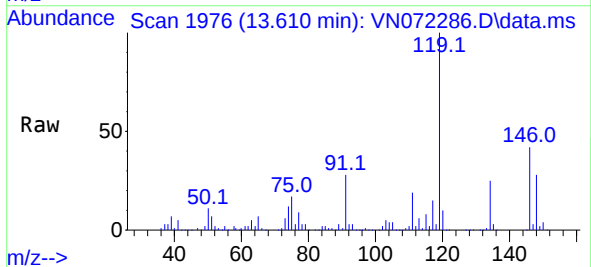
APPROVED

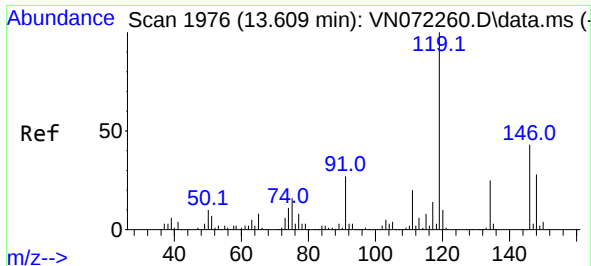
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#86
 p-Isopropyltoluene
 Concen: 56.616 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072286.D
 Acq: 02 May 2022 10:28

Tgt Ion:119 Resp: 527858
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.3 39.8
 91 27.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.563 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

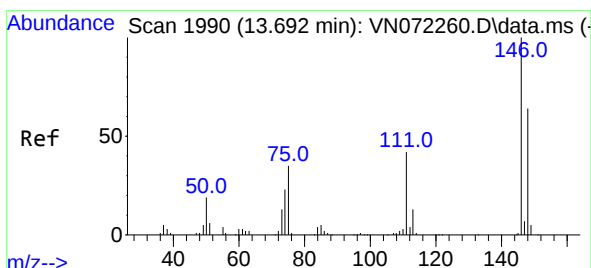
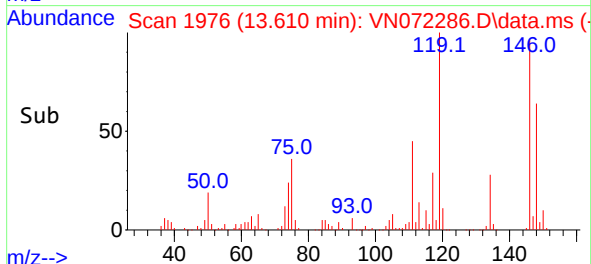
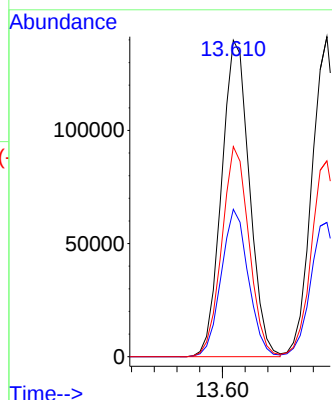
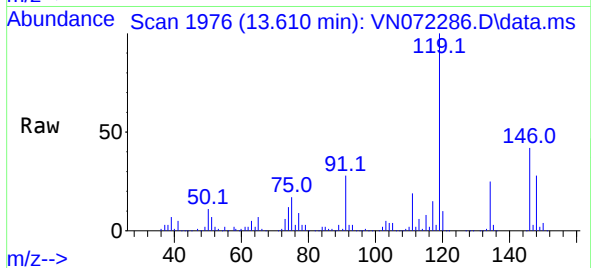
Tgt Ion:146 Resp: 237972
 Ion Ratio Lower Upper
 146 100
 111 45.5 20.0 60.0
 148 64.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#88

1,4-Dichlorobenzene

Concen: 49.778 ug/l

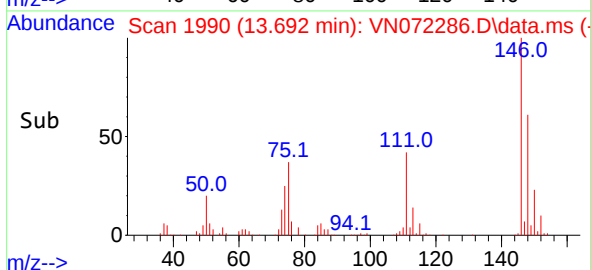
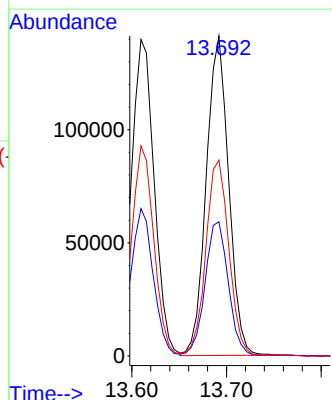
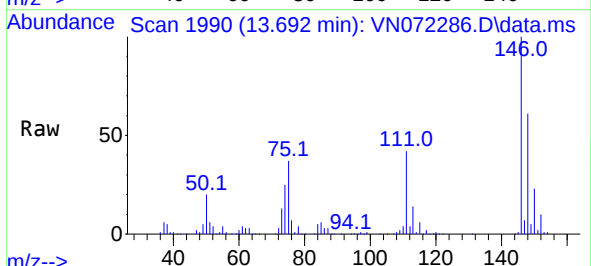
RT: 13.692 min Scan# 1990

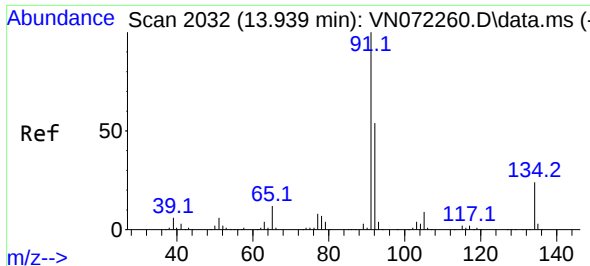
Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Tgt Ion:146 Resp: 232428
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.1 57.1
 148 63.5 31.4 94.3





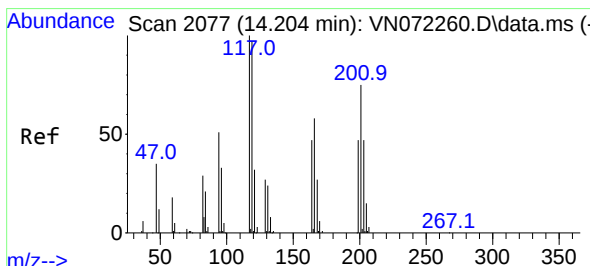
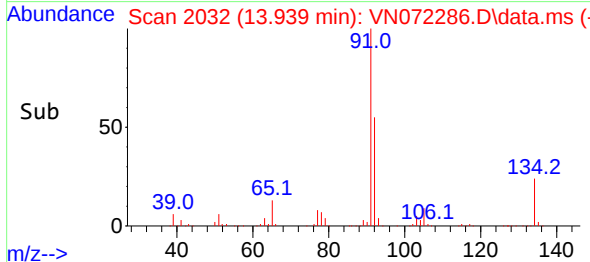
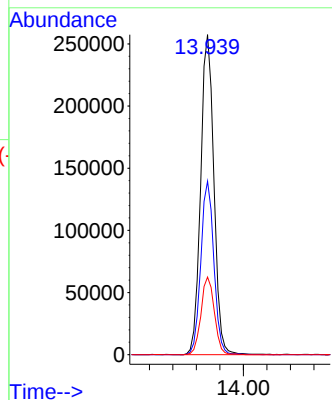
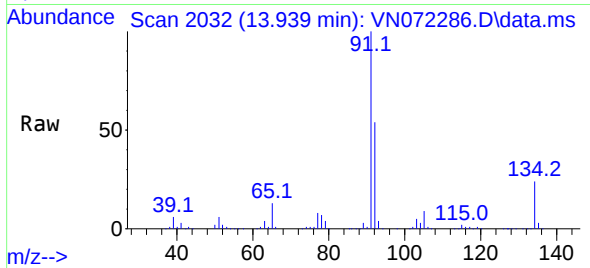
#89
n-Butylbenzene
Concen: 56.327 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 402248
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 24.5 13.6 40.8

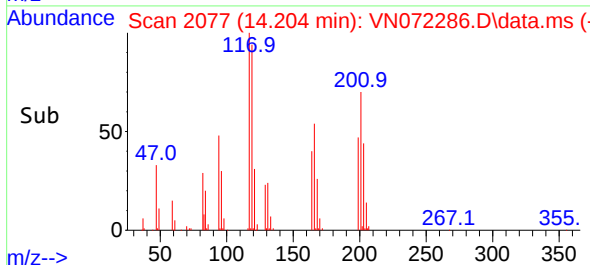
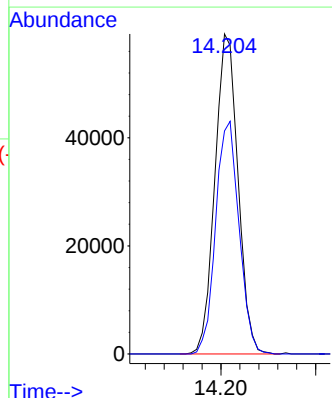
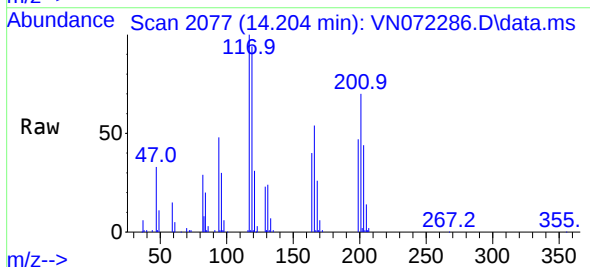
Manual Integrations
APPROVED

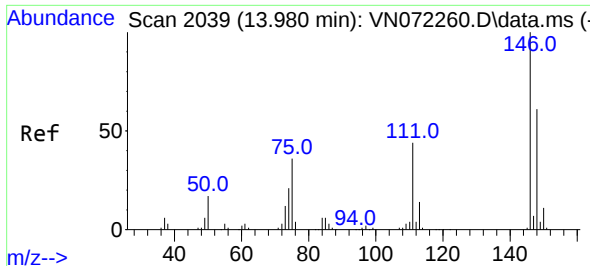
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#90
Hexachloroethane
Concen: 49.540 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Tgt Ion:117 Resp: 100266
Ion Ratio Lower Upper
117 100
201 73.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 49.739 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 23538

Ion Ratio Lower Upper

146 100

111 44.5 20.9 62.8

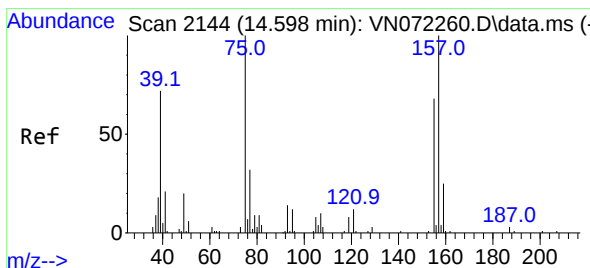
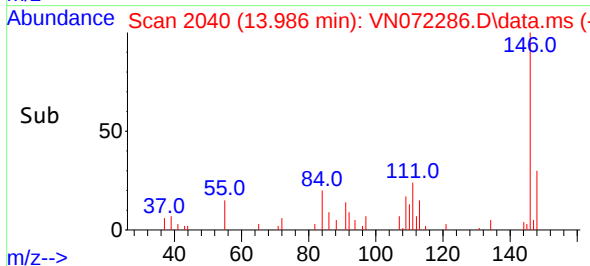
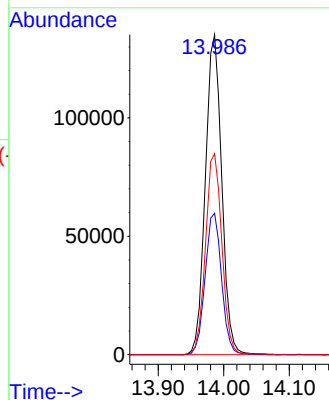
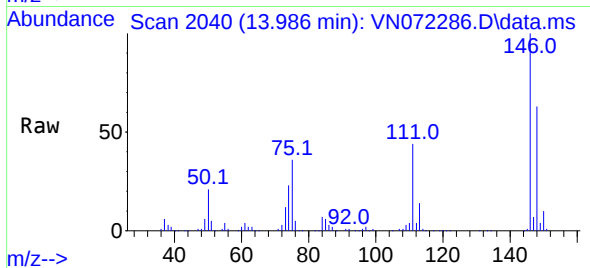
148 62.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.572 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072286.D

Acq: 02 May 2022 10:28

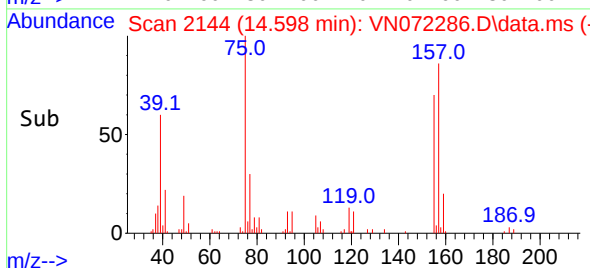
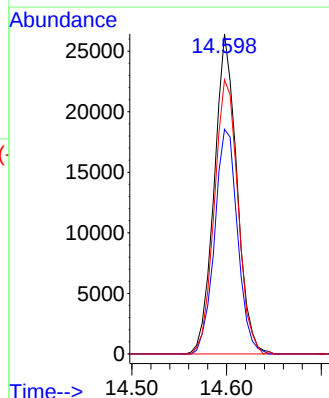
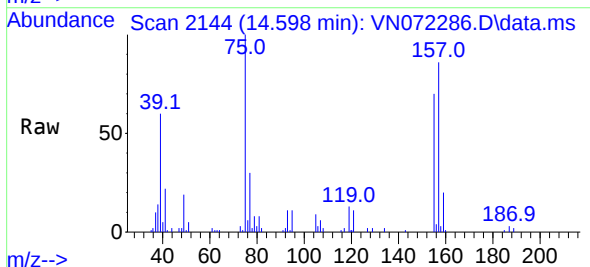
Tgt Ion: 75 Resp: 43877

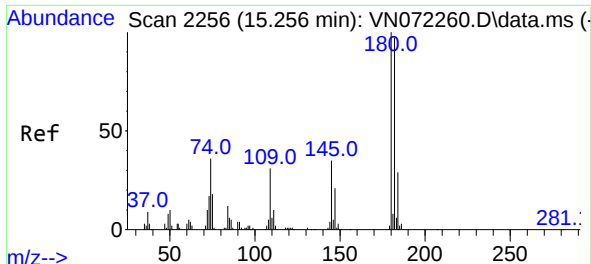
Ion Ratio Lower Upper

75 100

155 71.3 44.9 134.5

157 89.3 59.0 176.8





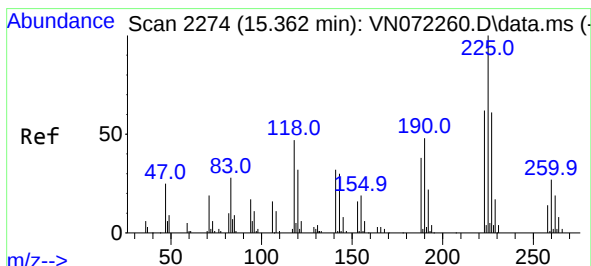
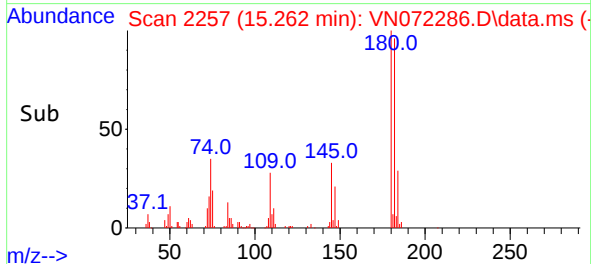
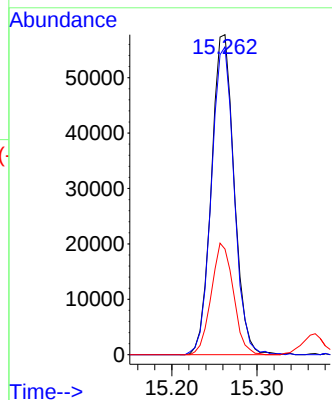
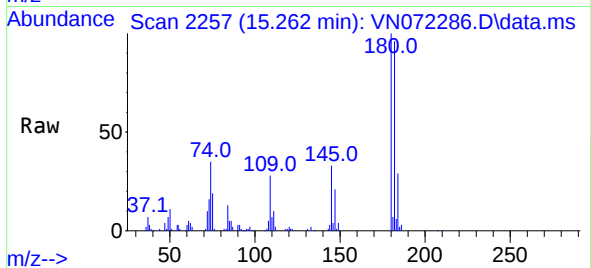
#93
1,2,4-Trichlorobenzene
Concen: 48.995 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 107070
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 34.0 14.5 43.5

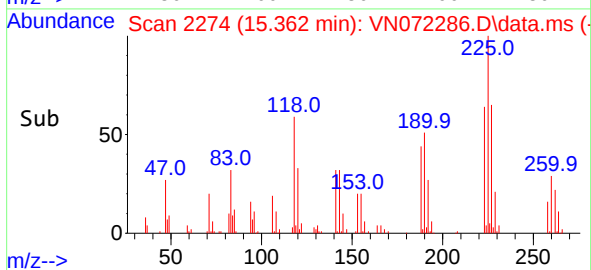
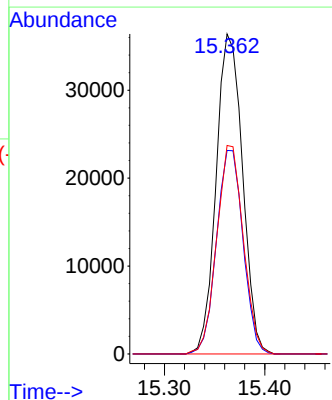
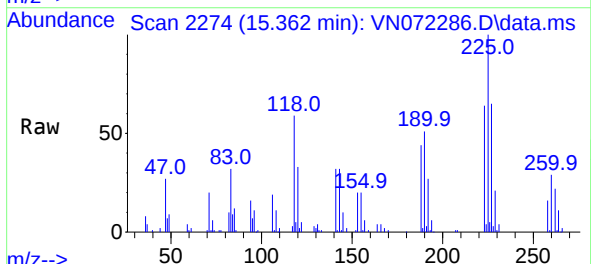
Manual Integrations
APPROVED

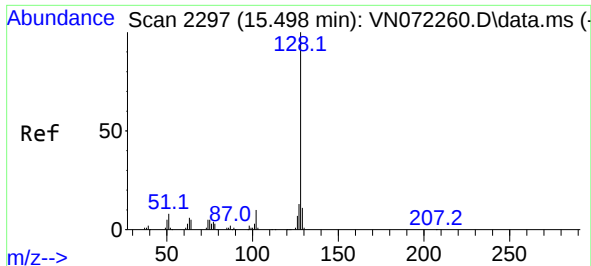
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#94
Hexachlorobutadiene
Concen: 52.383 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

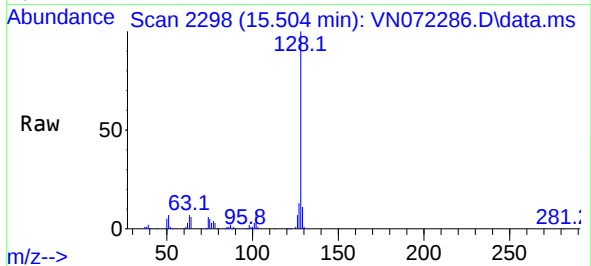
Tgt Ion:225 Resp: 66428
Ion Ratio Lower Upper
225 100
223 63.9 32.4 97.2
227 65.6 31.8 95.4





#95
Naphthalene
Concen: 44.396 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28

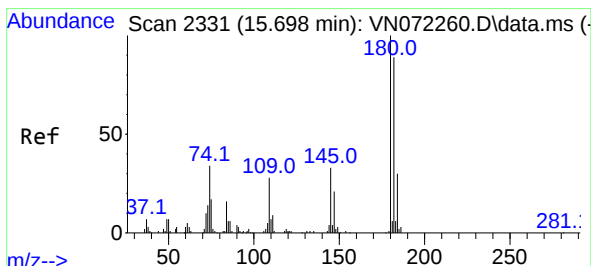
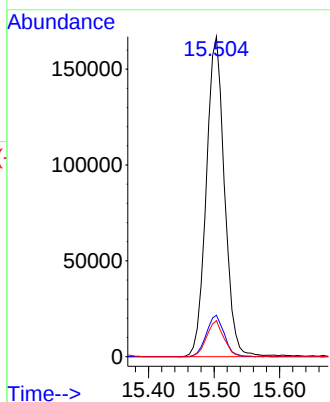
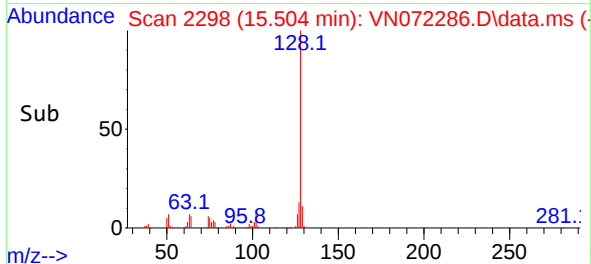
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



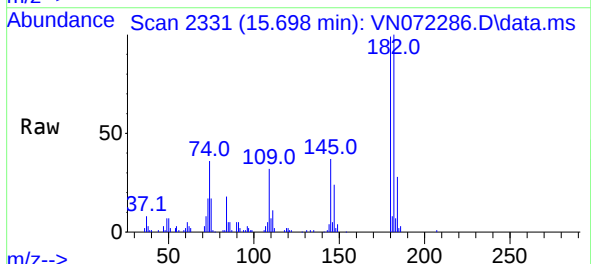
Tgt Ion:128 Resp: 322730
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.113 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072286.D
Acq: 02 May 2022 10:28



Tgt Ion:180 Resp: 106975
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 36.0 15.5 46.5

