

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072821\
 Data File : VW021703.D
 Acq On : 28 Jul 2021 12:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 01:53:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 23 01:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	467105	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	439944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	232158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142477	43.117	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.240%
7) Chloroethane-d5	1.561	69	115697	50.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	248542	45.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.280%
21) 2-Butanone-d5	3.867	46	244949	96.174	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.170%
24) Chloroform-d	4.346	84	296862	47.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
26) 1,2-Dichloroethane-d4	5.027	65	175010	47.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
32) Benzene-d6	5.047	84	594937	45.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
36) 1,2-Dichloropropane-d6	6.066	67	188985	46.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.360%
41) Toluene-d8	7.314	98	554613	46.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	7.619	79	96513	47.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.640%
47) 2-Hexanone-d5	8.085	63	174793	95.597	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	255375	47.754	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.500%
66) 1,2-Dichlorobenzene-d4	11.625	152	223166	46.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	153950	45.608	ug/L	98
3) Chloromethane	1.240	50	148884	46.727	ug/L	99
5) Vinyl chloride	1.307	62	148097	44.615	ug/L	99
6) Bromomethane	1.510	94	92996	58.760	ug/L	99
8) Chloroethane	1.577	64	90462	48.049	ug/L	99
9) Trichlorofluoromethane	1.748	101	213829	45.794	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	121539	46.091	ug/L	99
12) 1,1-Dichloroethene	2.114	96	111151	45.170	ug/L	91
13) Acetone	2.156	43	152646	94.495	ug/L	99
14) Carbon disulfide	2.288	76	327380	44.063	ug/L	100
15) Methyl Acetate	2.423	43	163321	46.103	ug/L	99
16) Methylene chloride	2.503	84	150144	42.214	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	133619	45.519	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	463427	46.546	ug/L	99
19) 1,1-Dichloroethane	3.185	63	255700	46.136	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	155562	45.795	ug/L	100
22) 2-Butanone	3.950	43	238904	96.924	ug/L	99
23) Bromochloromethane	4.246	128	82652	45.986	ug/L	97
25) Chloroform	4.372	83	263035	45.914	ug/L	99

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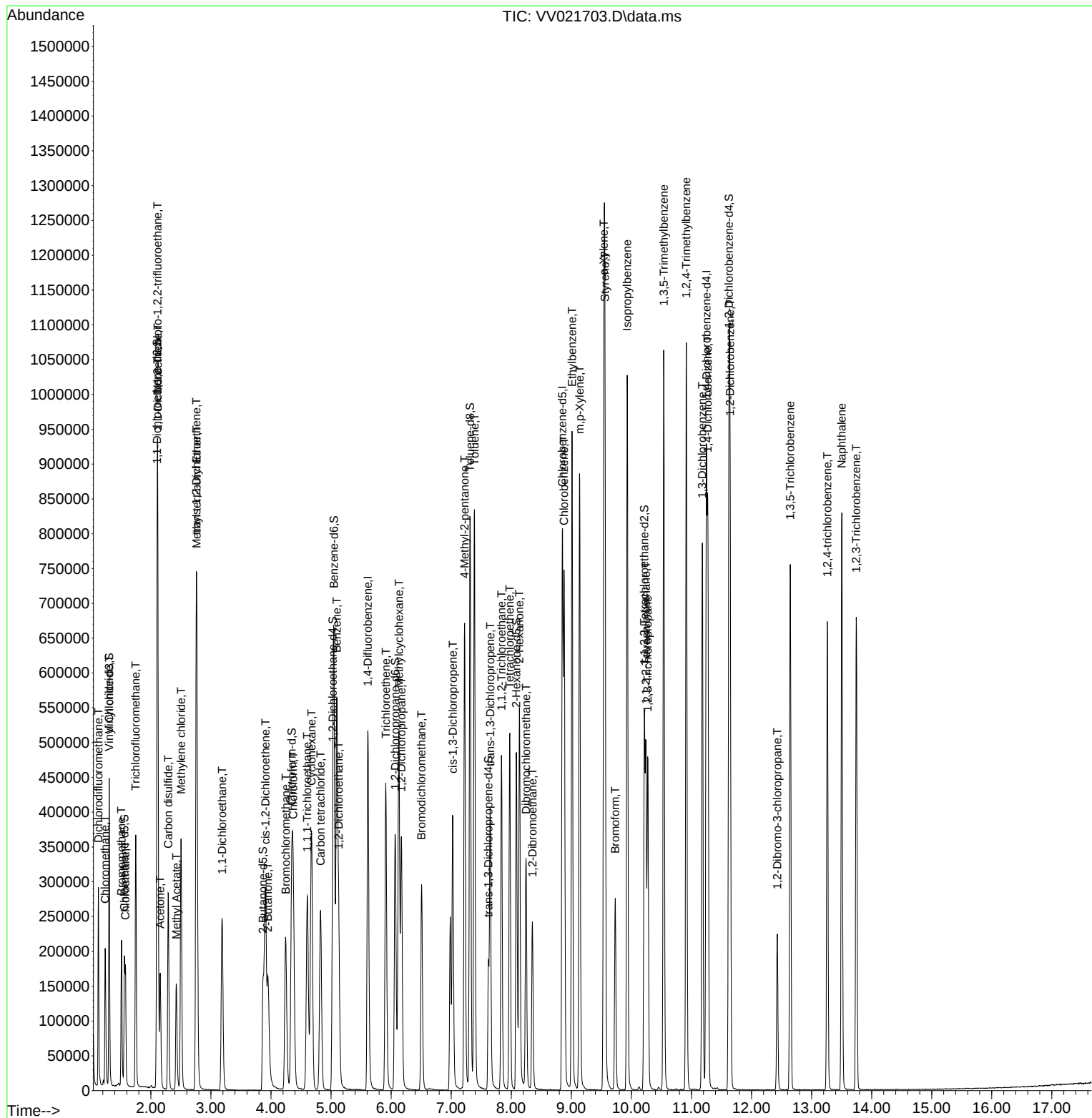
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	190281	46.276	ug/L	99
29) Cyclohexane	4.674	56	216848	44.555	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	232020	44.609	ug/L	100
31) Carbon tetrachloride	4.825	117	200548	44.771	ug/L	99
33) Benzene	5.095	78	563401	45.050	ug/L	100
34) Trichloroethene	5.912	95	151563	44.873	ug/L	99
35) Methylcyclohexane	6.130	83	228333	45.132	ug/L	98
37) 1,2-Dichloropropane	6.172	63	147699	45.061	ug/L	100
38) Bromodichloromethane	6.506	83	201389	45.616	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	245675	46.801	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	435868	90.928	ug/L	100
42) Toluene	7.387	91	610821	45.360	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	232472	46.741	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	151843	46.319	ug/L	99
46) Tetrachloroethene	7.976	164	118551	44.957	ug/L	98
48) 2-Hexanone	8.137	43	331445	89.782	ug/L	99
49) Dibromochloromethane	8.246	129	172279	46.505	ug/L	99
50) 1,2-Dibromoethane	8.352	107	162555	46.379	ug/L	99
51) Chlorobenzene	8.879	112	404646	45.811	ug/L	99
52) Ethylbenzene	9.011	91	665663	46.140	ug/L	99
53) m,p-Xylene	9.140	106	259282	46.253	ug/L	98
54) o-Xylene	9.542	106	254858	45.404	ug/L	96
55) Styrene	9.561	104	441050	46.624	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	231819	45.940	ug/L	100
59) Bromoform	9.731	173	127284	44.466	ug/L	98
60) Isopropylbenzene	9.931	105	673625	44.712	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	193199	44.867	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	571555	44.995	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	585616	45.637	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	323959	45.496	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	325932	45.728	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	328562	45.458	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	51612	43.331	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	238259	45.118	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	207992	44.644	ug/L	99
71) Naphthalene	13.503	128	644643	44.776	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	207339	43.652	ug/L	99

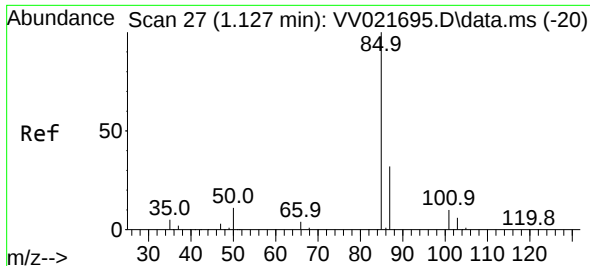
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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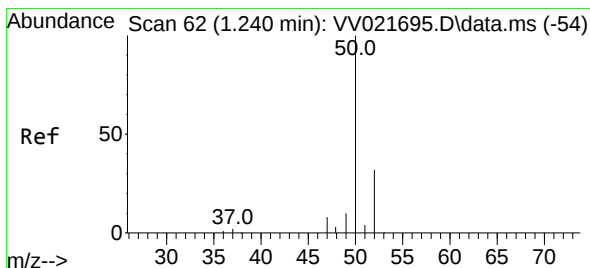
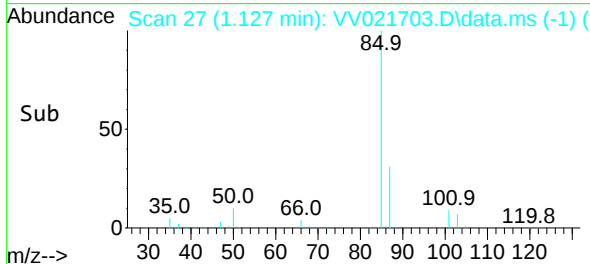
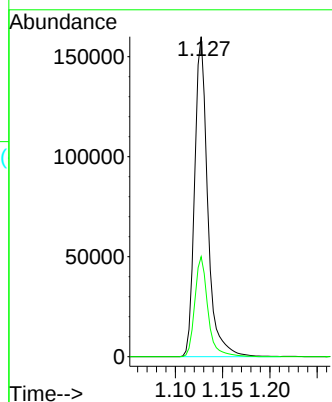
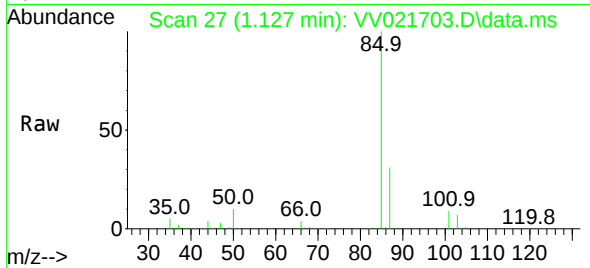




#2
Dichlorodifluoromethane
Concen: 45.608 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

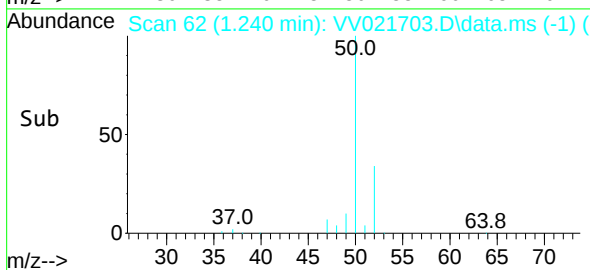
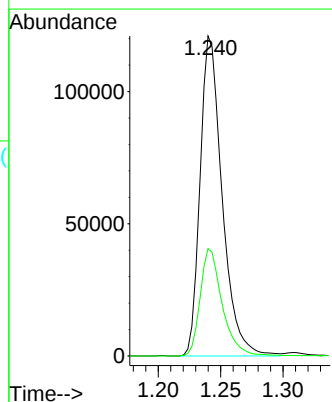
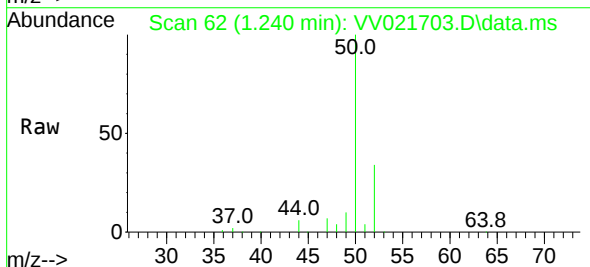
Instrument :
MSVOA_V
ClientSampled :

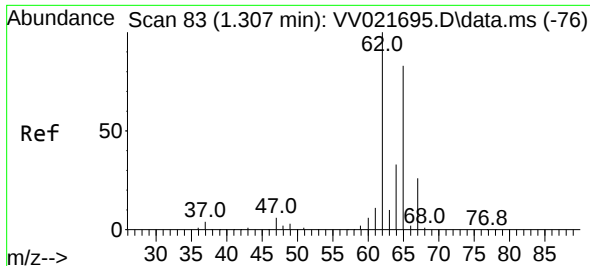
Tgt Ion: 85 Resp: 153950
Ion Ratio Lower Upper
85 100
87 31.2 26.0 39.0



#3
Chloromethane
Concen: 46.727 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 50 Resp: 148884
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

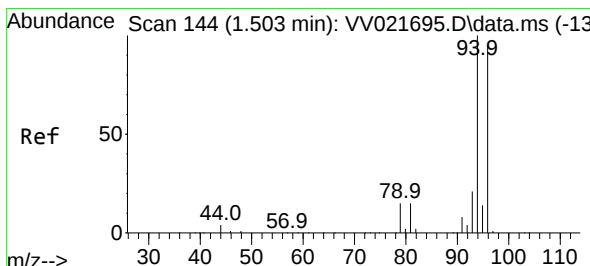
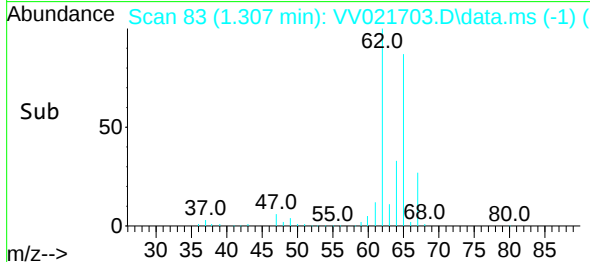
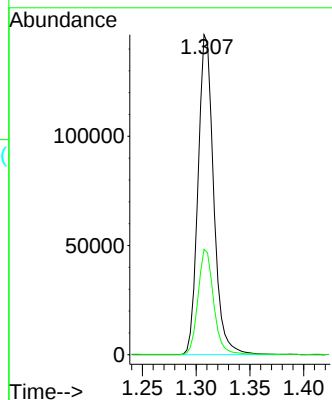
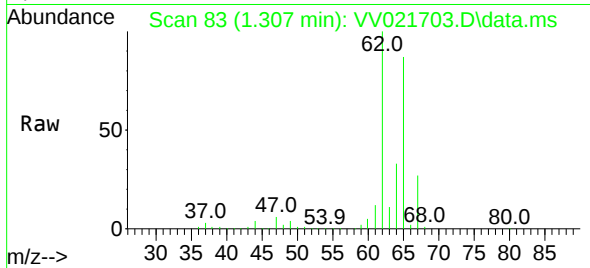




#5
 Vinyl chloride
 Concen: 44.615 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021703.D
 Acq: 28 Jul 2021 12:28

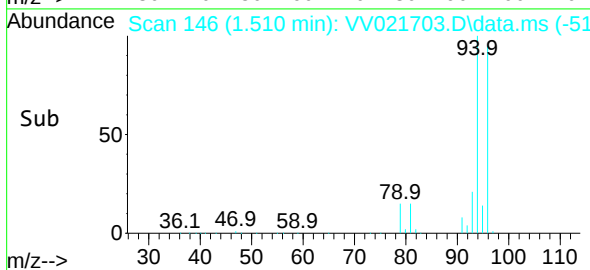
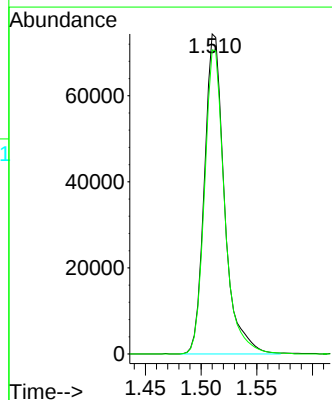
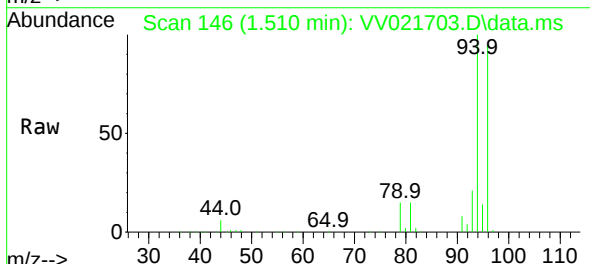
Instrument :
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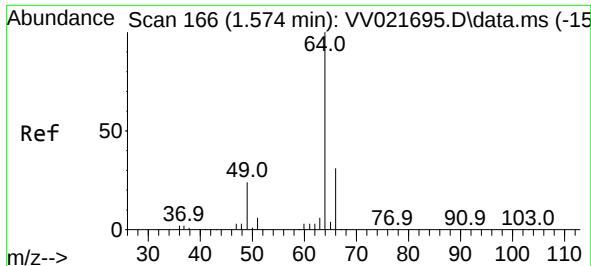
Tgt Ion: 62 Resp: 148097
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 58.760 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.007 min
 Lab File: VV021703.D
 Acq: 28 Jul 2021 12:28

Tgt Ion: 94 Resp: 92996
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.0 122.6

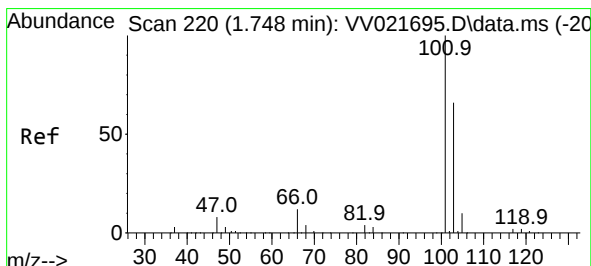
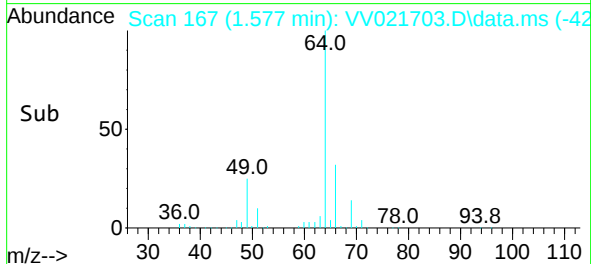
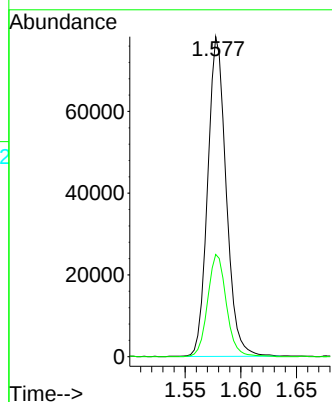
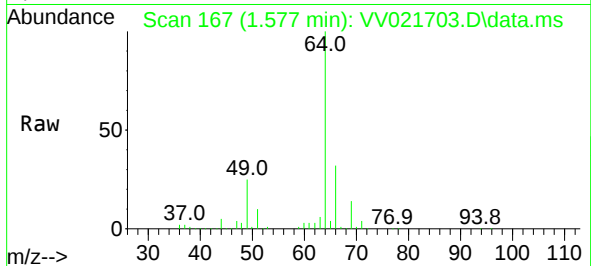




#8
Chloroethane
Concen: 48.049 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

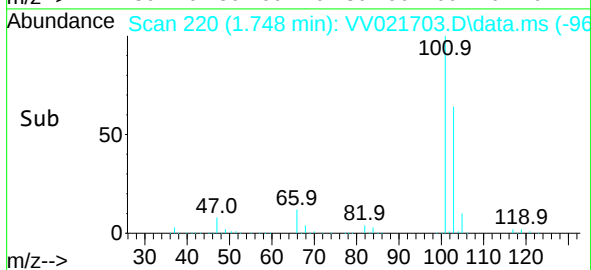
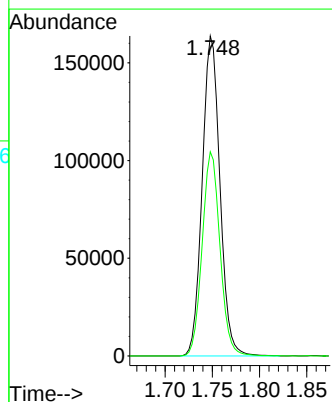
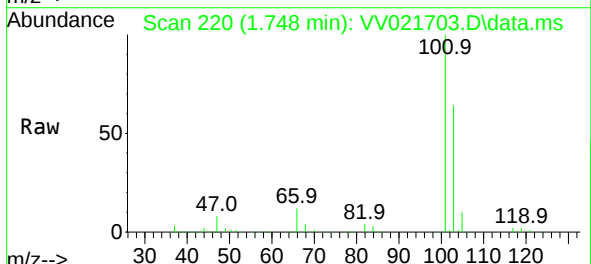
Instrument :
MSVOA_V
ClientSampled :

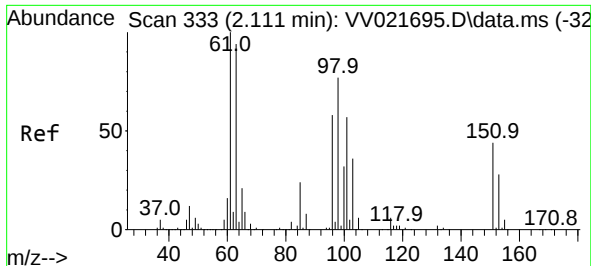
Tgt Ion: 64 Resp: 90462
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 45.794 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion:101 Resp: 213829
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

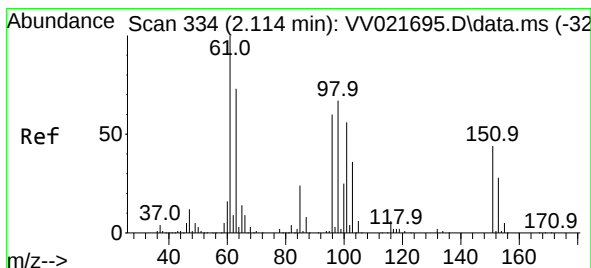
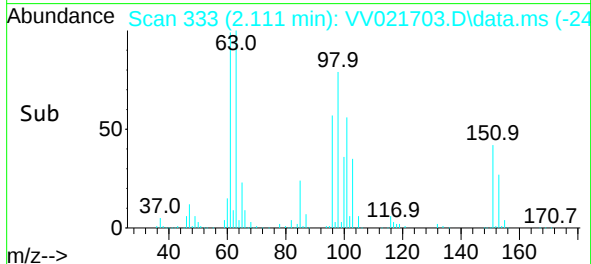
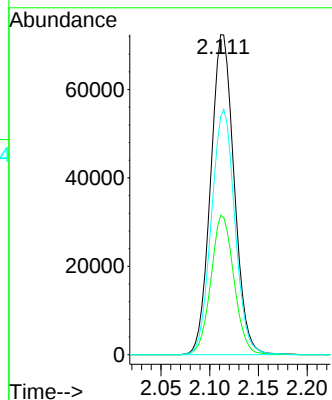
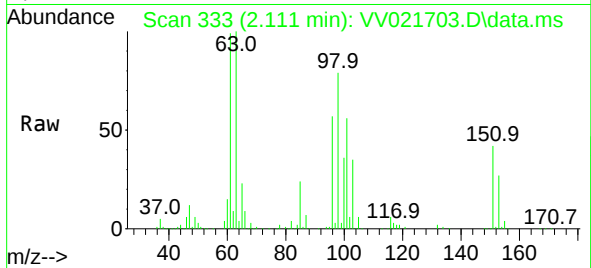




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.091 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

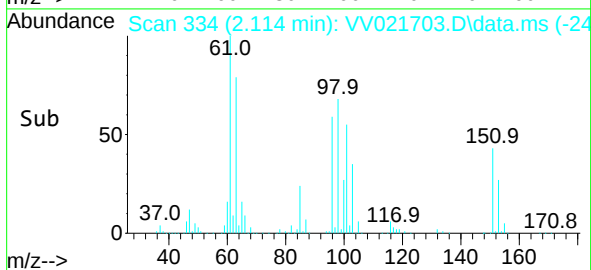
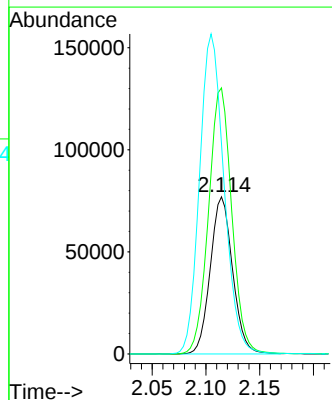
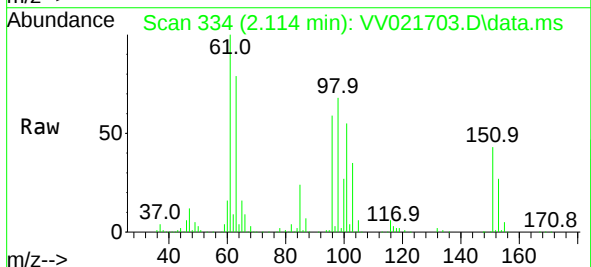
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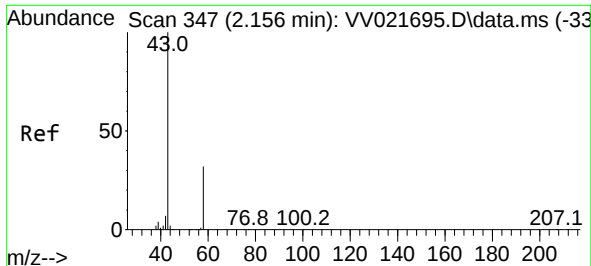
Tgt Ion:101 Resp: 121539
Ion Ratio Lower Upper
101 100
85 42.7 33.6 50.4
151 76.7 62.0 93.0



#12
1,1-Dichloroethene
Concen: 45.170 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 96 Resp: 111151
Ion Ratio Lower Upper
96 100
61 169.3 117.5 218.1
63 133.9 110.1 204.5

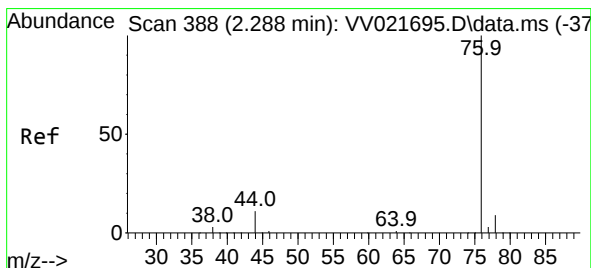
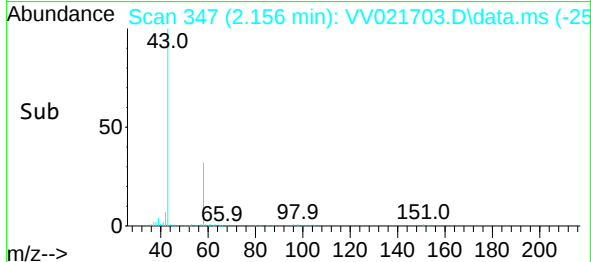
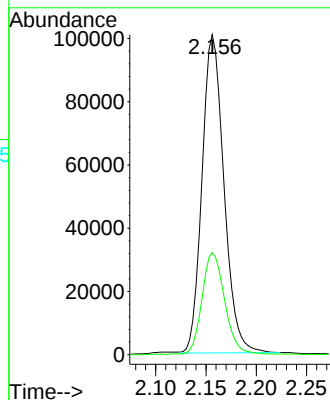
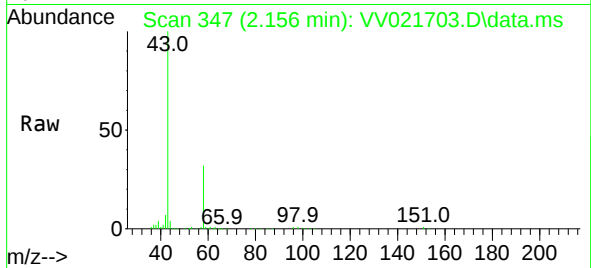




#13
Acetone
Concen: 94.495 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

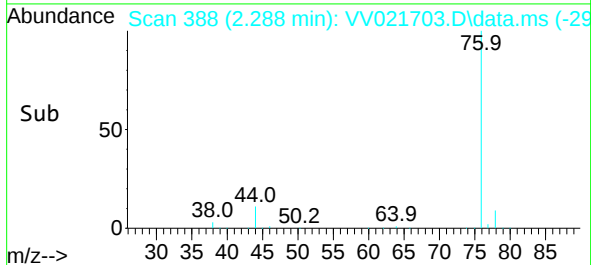
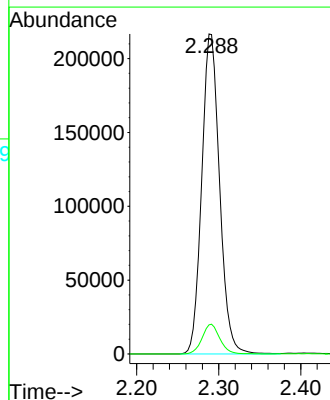
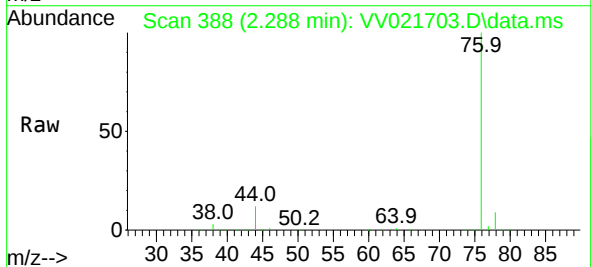
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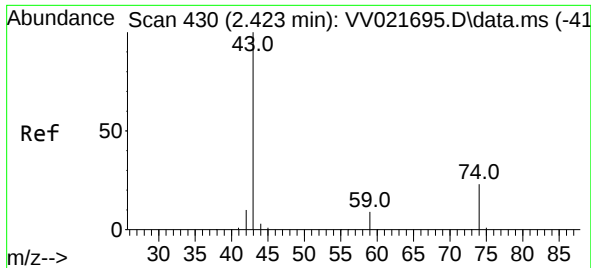
Tgt Ion: 43 Resp: 152646
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.6



#14
Carbon disulfide
Concen: 44.063 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV021703.D
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Tgt Ion: 76 Resp: 327380
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

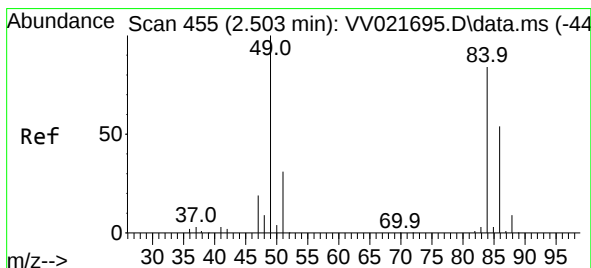
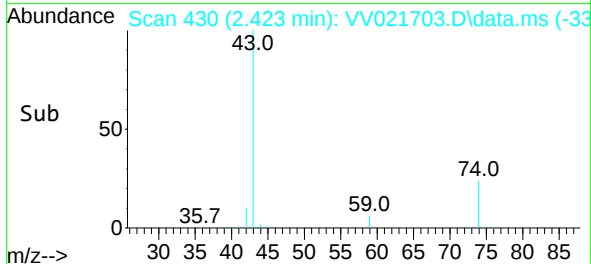
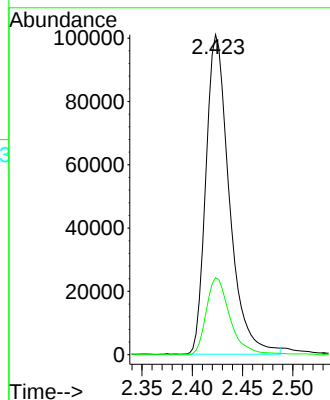
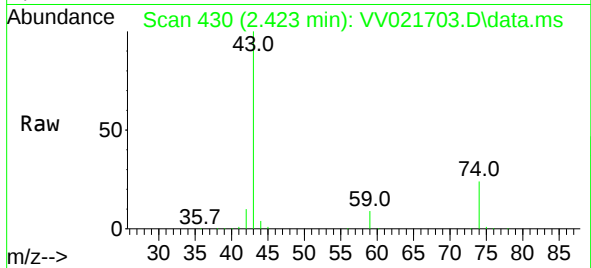




#15
Methyl Acetate
Concen: 46.103 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

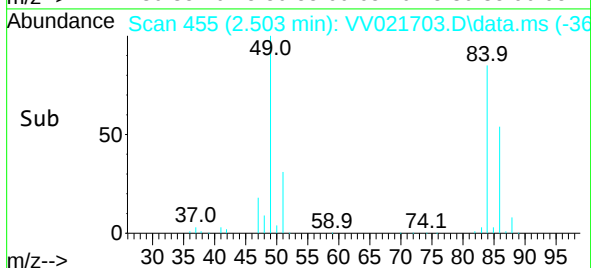
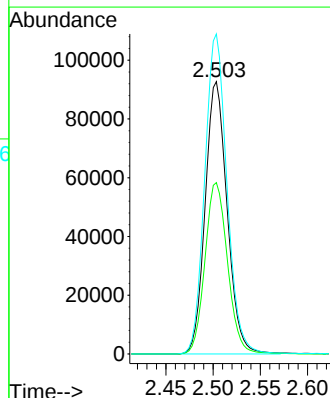
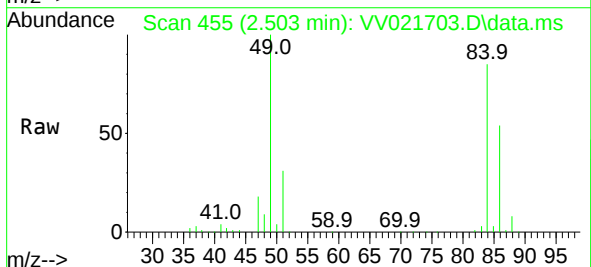
Instrument :
MSVOA_V
ClientSampled :

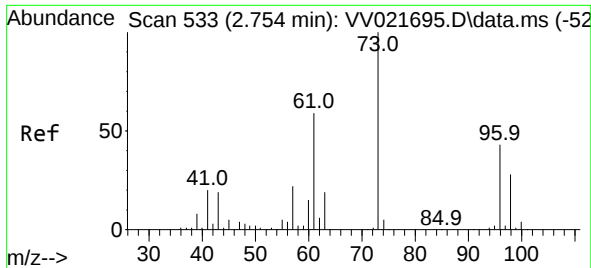
Tgt Ion: 43 Resp: 163321
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9



#16
Methylene chloride
Concen: 42.214 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 84 Resp: 150144
Ion Ratio Lower Upper
84 100
86 62.9 45.1 83.9
49 117.5 81.1 150.7

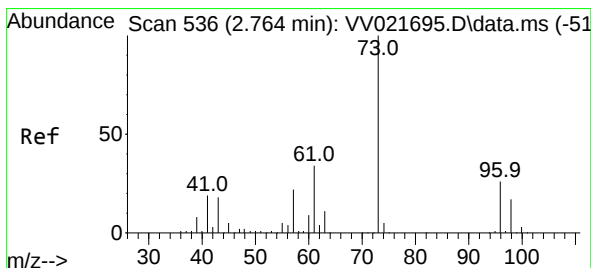
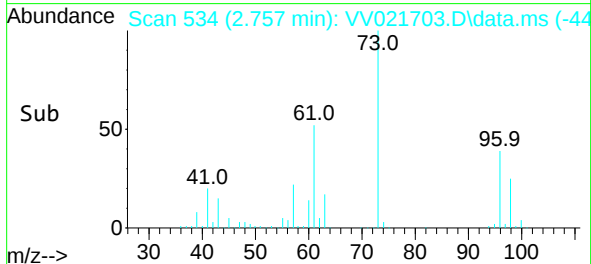
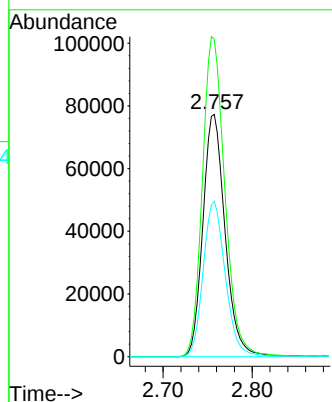
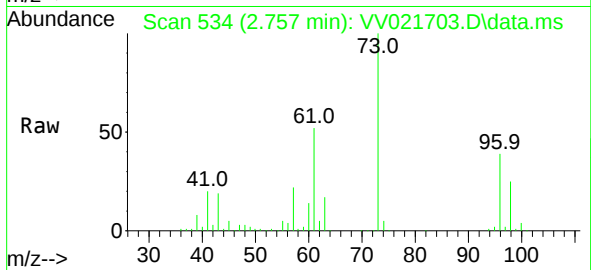




#17
trans-1,2-Dichloroethene
Concen: 45.519 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

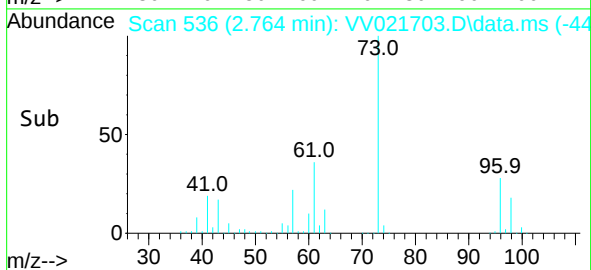
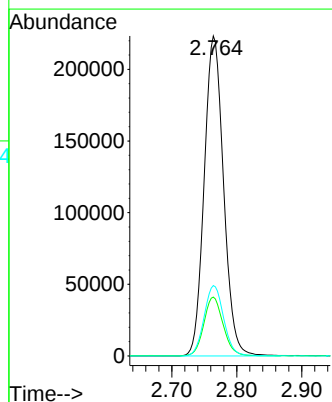
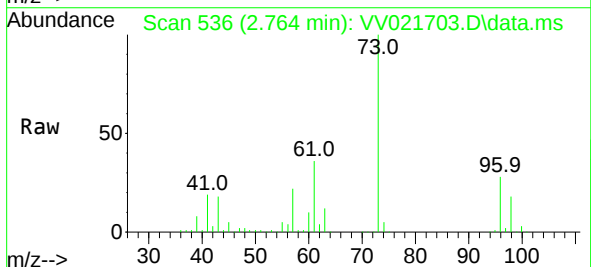
Instrument :
MSVOA_V
ClientSampled :

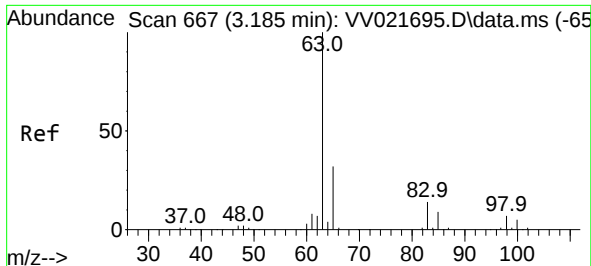
Tgt Ion: 96 Resp: 133619
Ion Ratio Lower Upper
96 100
61 131.1 93.7 174.1
98 64.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 46.546 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 73 Resp: 463427
Ion Ratio Lower Upper
73 100
43 18.2 14.3 21.5
57 22.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 46.136 ug/L

RT: 3.185 min Scan# 667

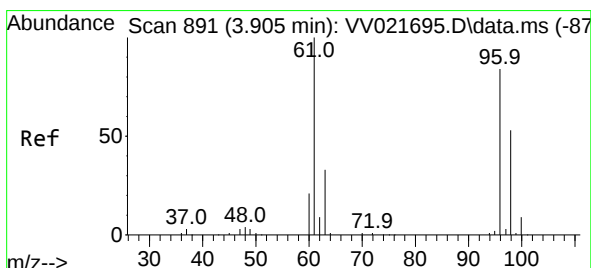
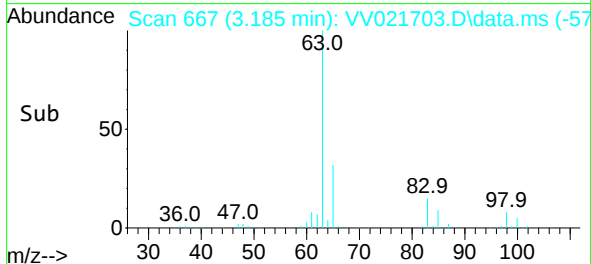
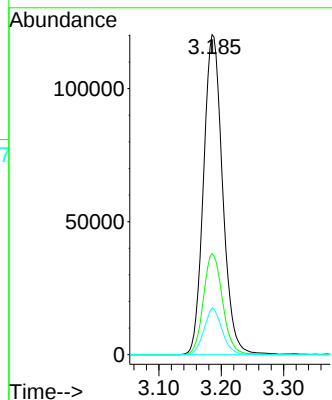
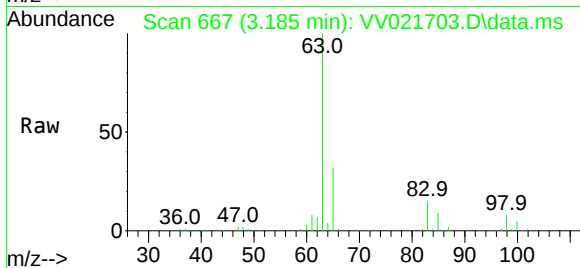
Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 63 Resp: 255700

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	40.8
83	14.6	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 45.795 ug/L

RT: 3.909 min Scan# 892

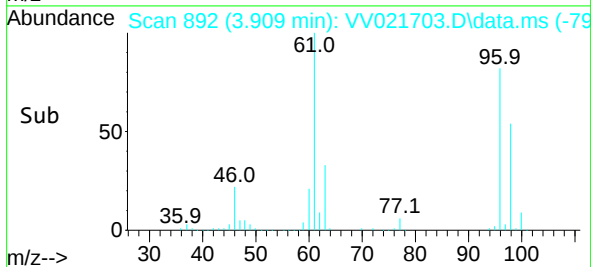
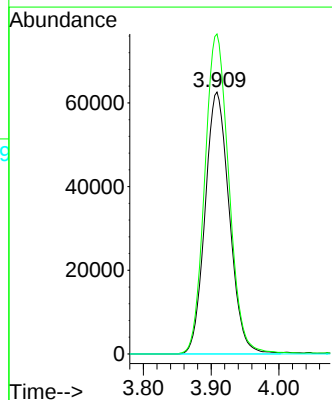
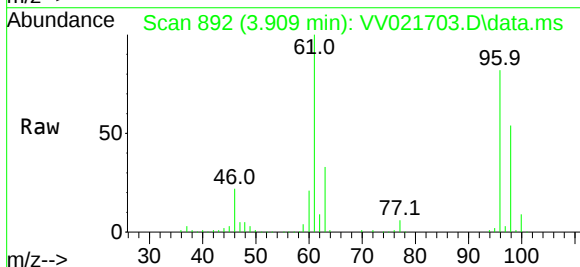
Delta R.T. 0.003 min

Lab File: VV021703.D

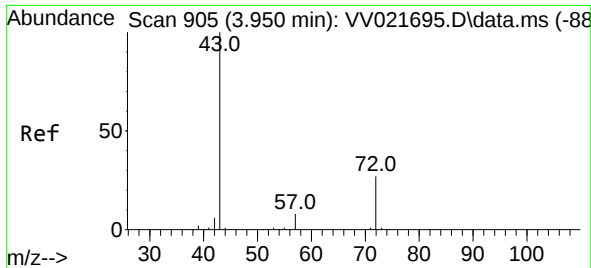
Acq: 28 Jul 2021 12:28

Tgt Ion: 96 Resp: 155562

Ion	Ratio	Lower	Upper
96	100		
61	122.2	85.3	158.3
68	0.0	0.0	0.0

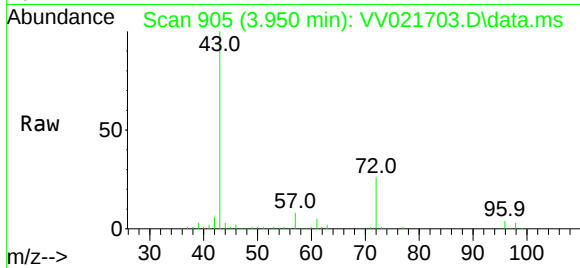


Instrument :
MSVOA_V
ClientSampleId :

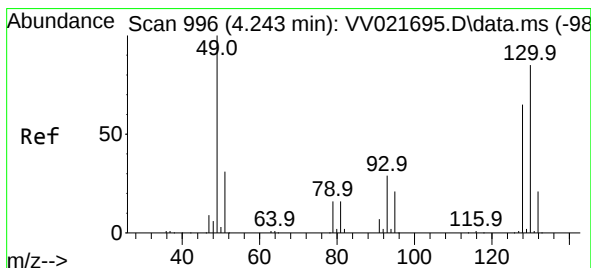
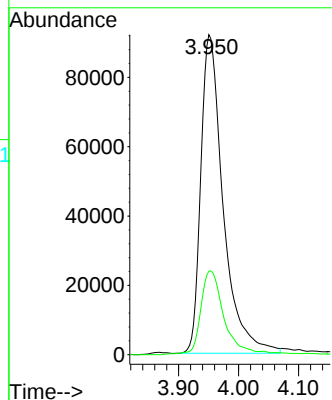
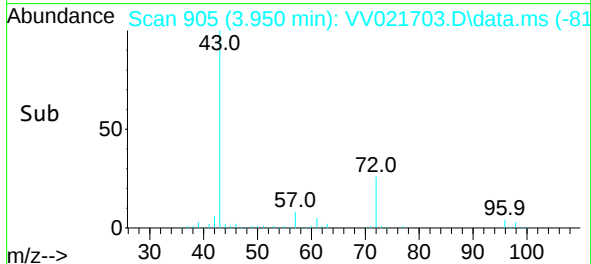


#22
2-Butanone
Concen: 96.924 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

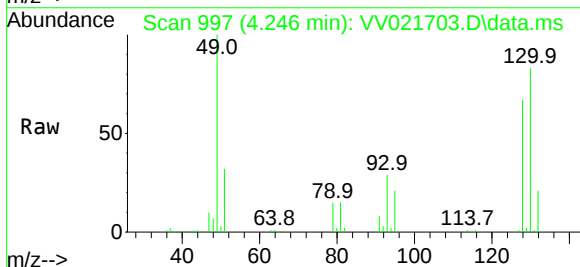
Instrument :
MSVOA_V
ClientSampled :



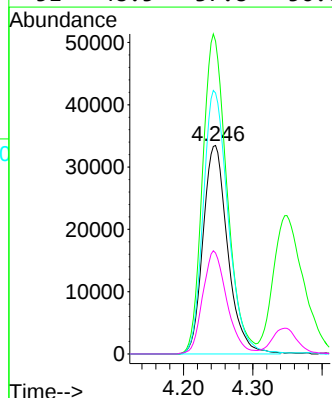
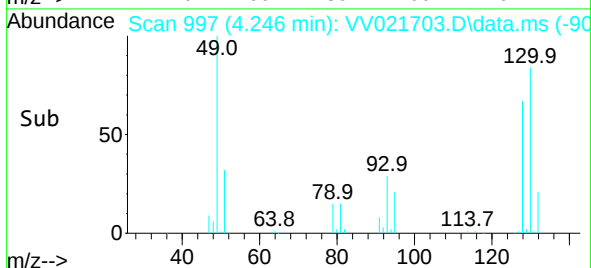
Tgt Ion: 43 Resp: 238904
Ion Ratio Lower Upper
43 100
72 26.8 13.2 39.5

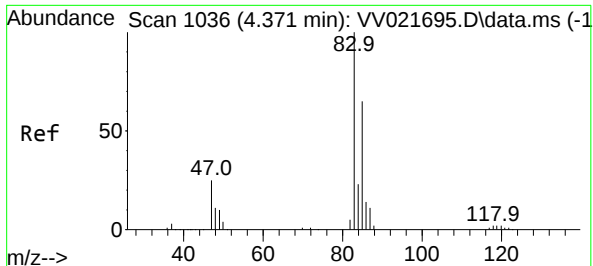


#23
Bromochloromethane
Concen: 45.986 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28



Tgt Ion: 128 Resp: 82652
Ion Ratio Lower Upper
128 100
49 150.0 106.8 198.4
130 125.2 90.6 168.2
51 48.5 37.8 56.6





#25

Chloroform

Concen: 45.914 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 83 Resp: 263035

Ion Ratio Lower Upper

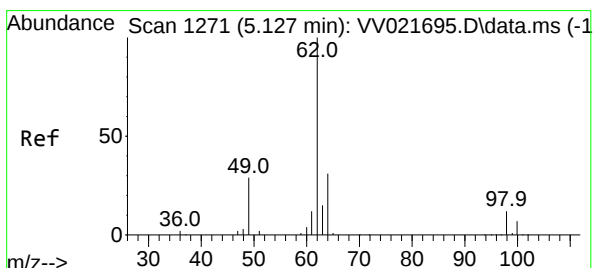
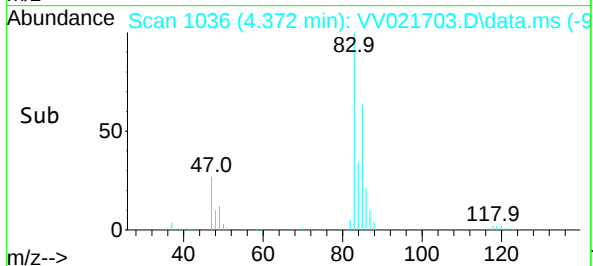
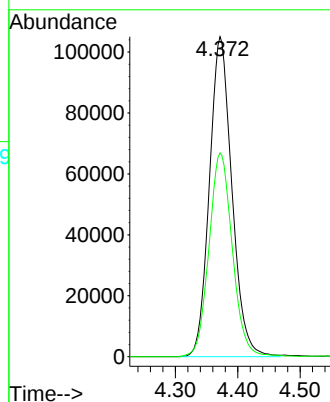
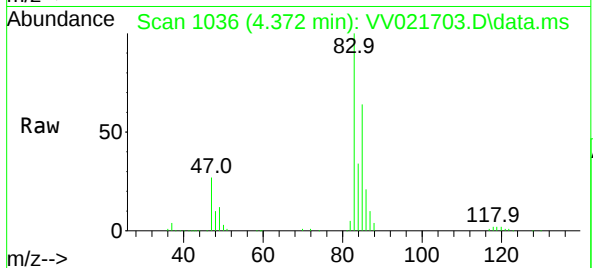
83 100

85 63.7 43.8 81.4

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 46.276 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV021703.D

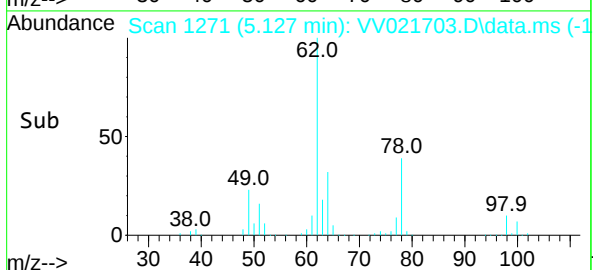
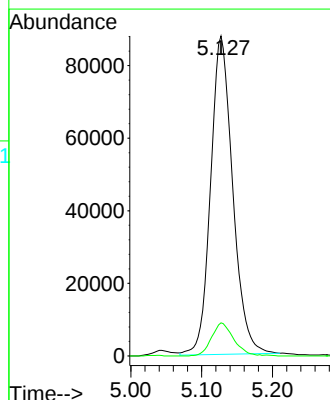
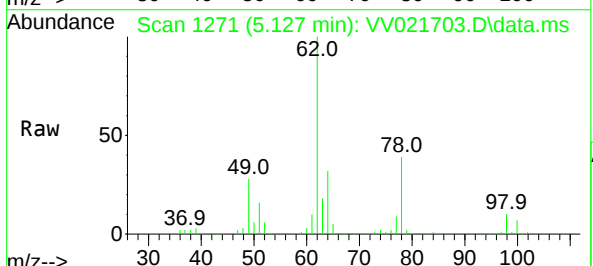
Acq: 28 Jul 2021 12:28

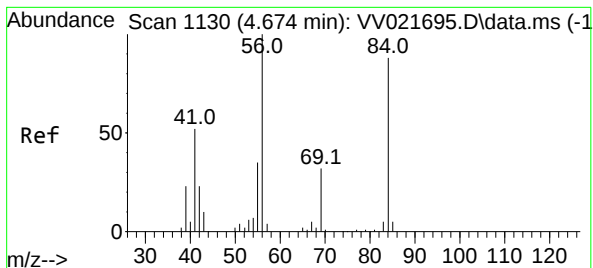
Tgt Ion: 62 Resp: 190281

Ion Ratio Lower Upper

62 100

98 10.4 8.7 13.1





#29

Cyclohexane

Concen: 44.555 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 56 Resp: 216848

Ion Ratio Lower Upper

56 100

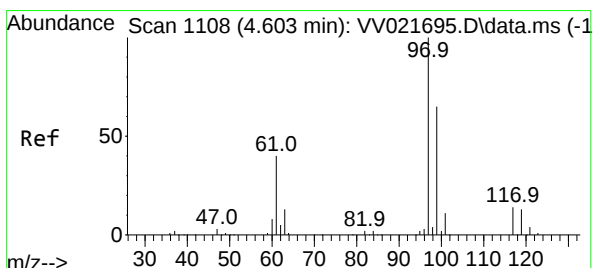
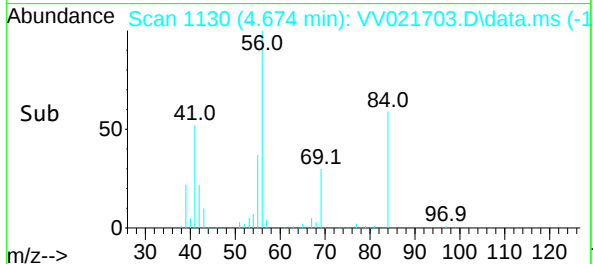
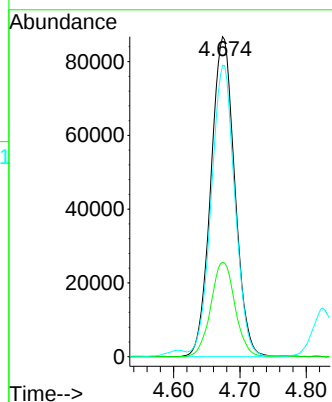
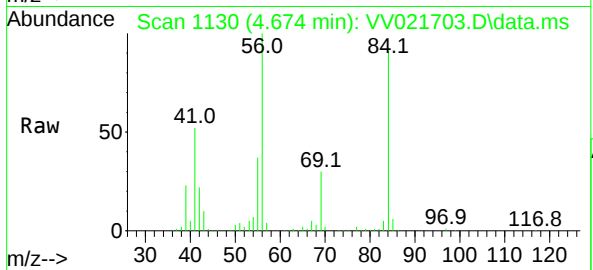
69 29.9 24.5 36.7

84 89.5 71.4 107.0

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 44.609 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

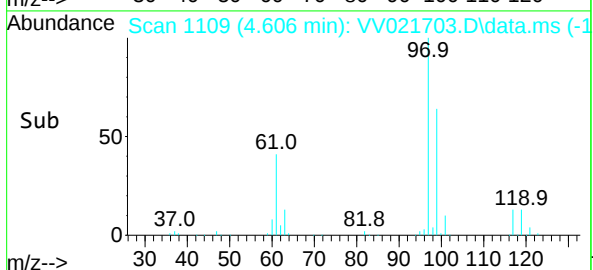
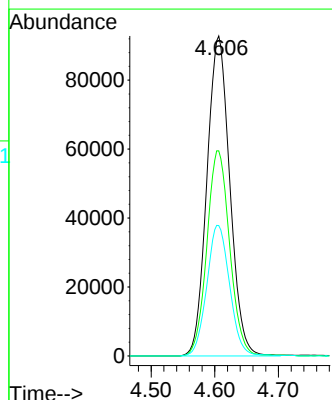
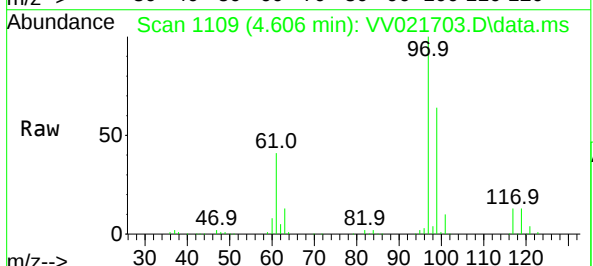
Tgt Ion: 97 Resp: 232020

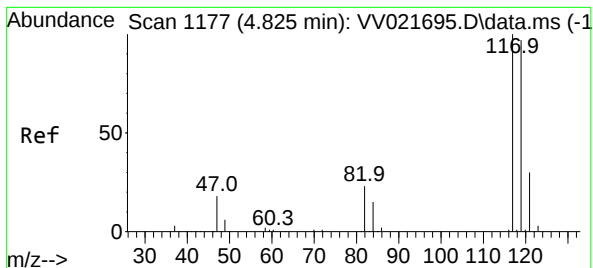
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 40.8 32.6 49.0

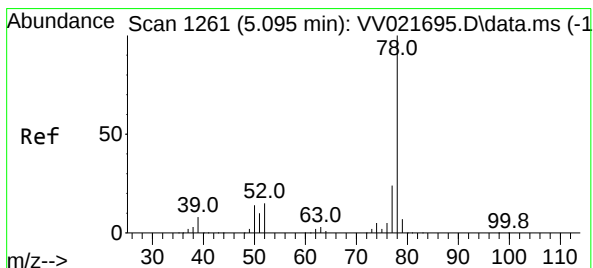
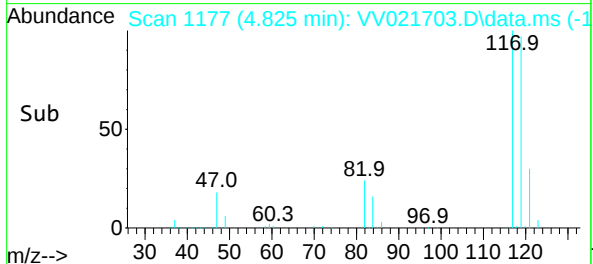
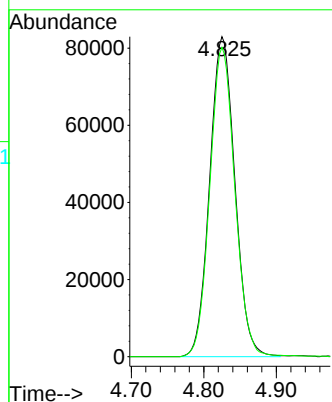
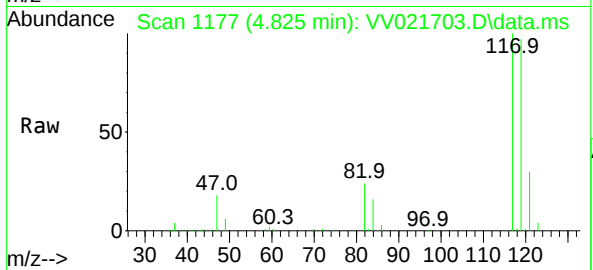




#31
Carbon tetrachloride
Concen: 44.771 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

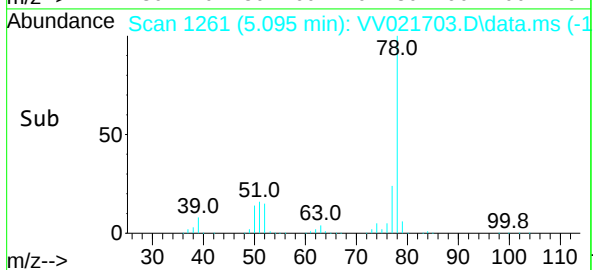
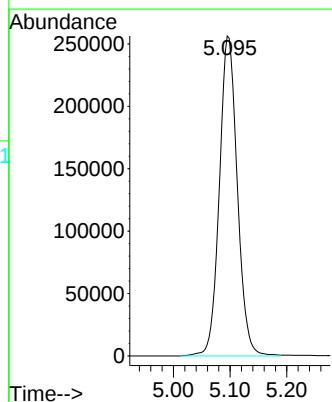
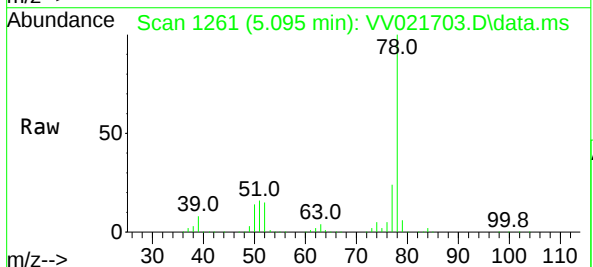
Instrument :
MSVOA_V
ClientSampled :

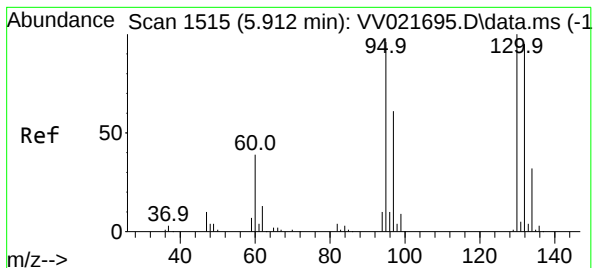
Tgt Ion:117 Resp: 200548
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5



#33
Benzene
Concen: 45.050 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 78 Resp: 563401





#34

Trichloroethene

Concen: 44.873 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 95 Resp: 151563

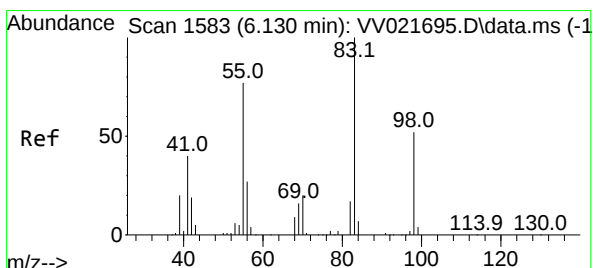
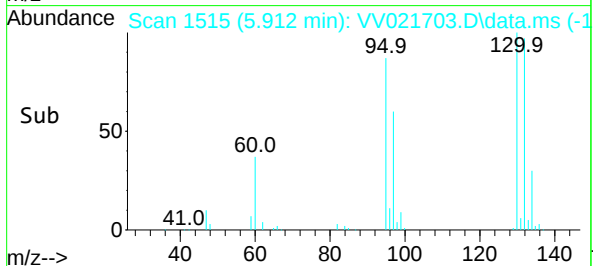
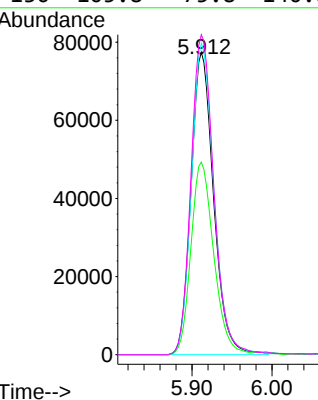
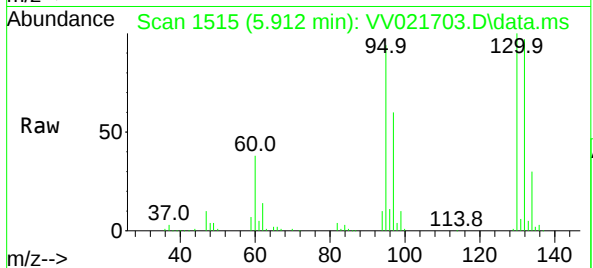
Ion Ratio Lower Upper

95 100

97 63.7 45.6 84.6

132 103.1 72.4 134.5

130 105.8 75.8 140.8



#35

Methylcyclohexane

Concen: 45.132 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

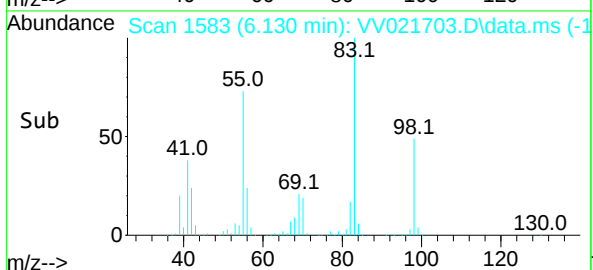
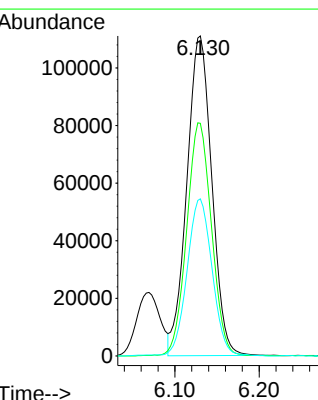
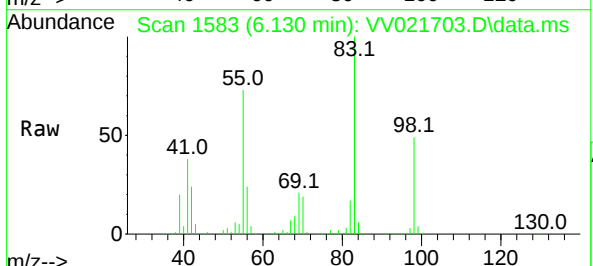
Tgt Ion: 83 Resp: 228333

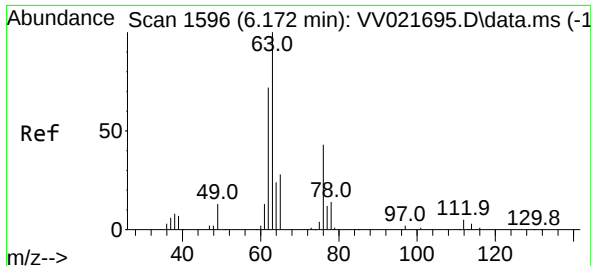
Ion Ratio Lower Upper

83 100

55 72.1 59.3 88.9

98 49.3 40.2 60.4

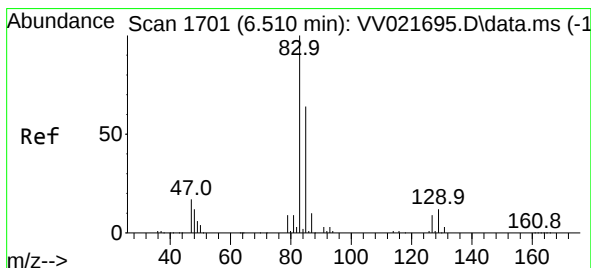
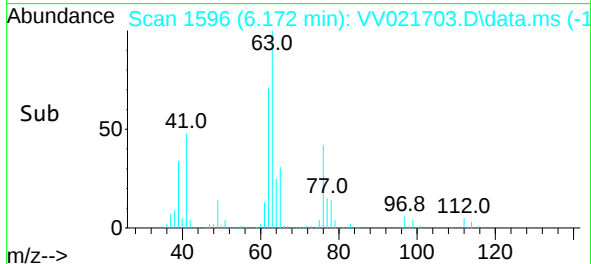
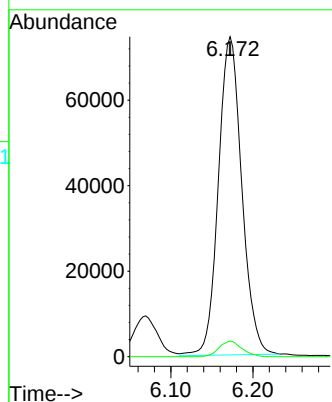
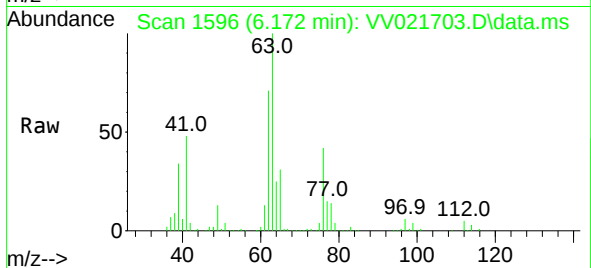




#37
1,2-Dichloropropane
Concen: 45.061 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

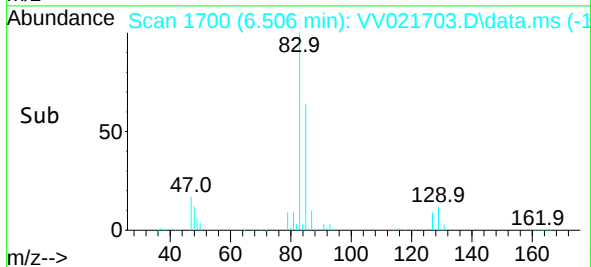
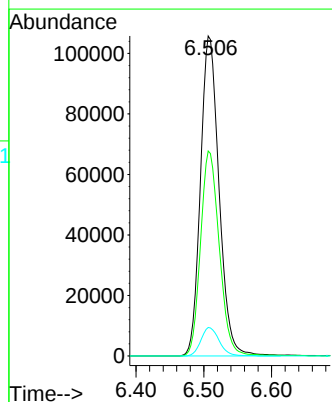
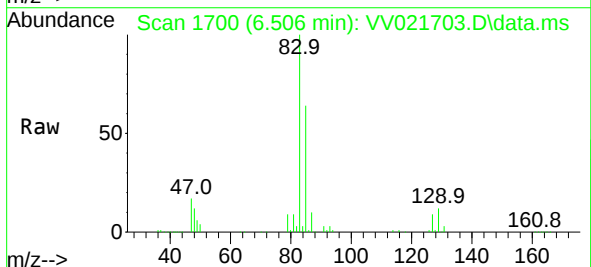
Instrument :
MSVOA_V
ClientSampled :

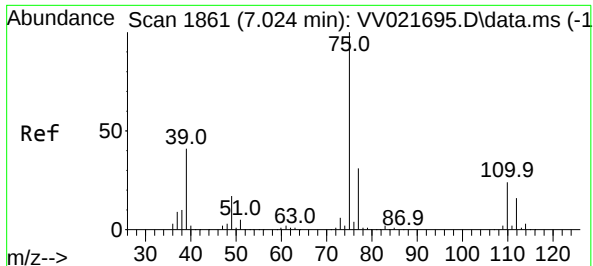
Tgt Ion: 63 Resp: 147699
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 45.616 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 83 Resp: 201389
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.5
127 8.9 7.4 11.0



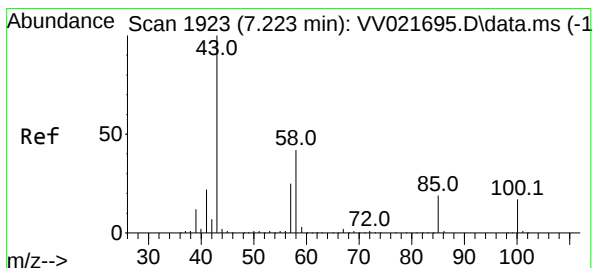
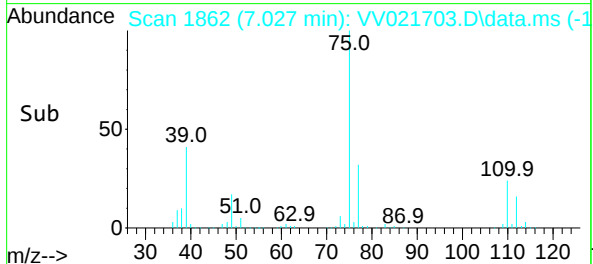
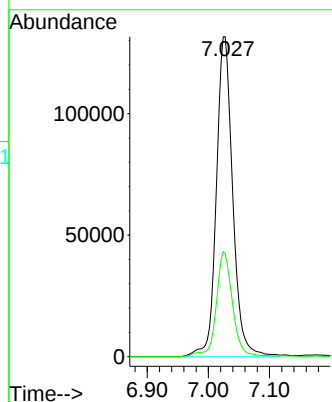
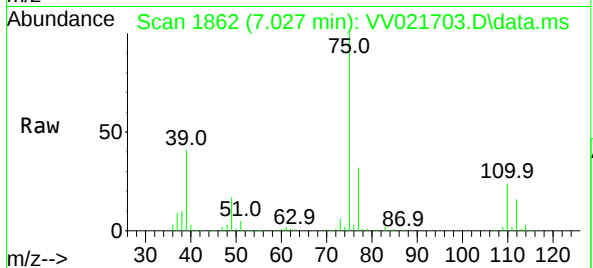


#39

cis-1,3-Dichloropropene
 Concen: 46.801 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV021703.D
 Acq: 28 Jul 2021 12:28

Instrument :
 MSVOA_V
 ClientSampled :

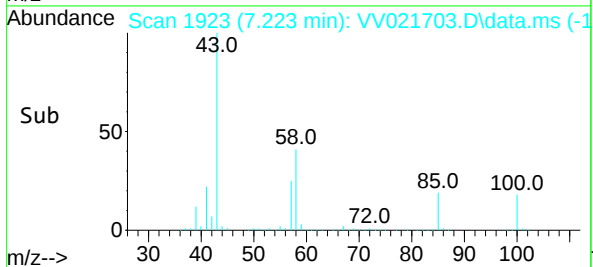
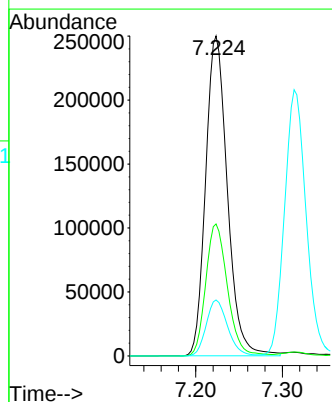
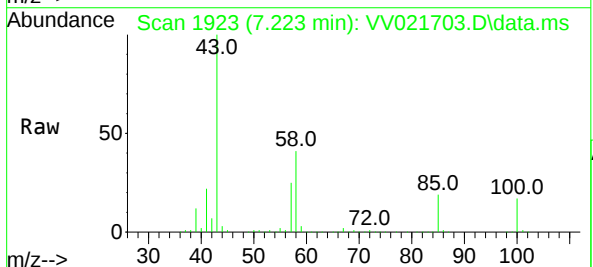
Tgt Ion: 75 Resp: 245675
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.9 40.7

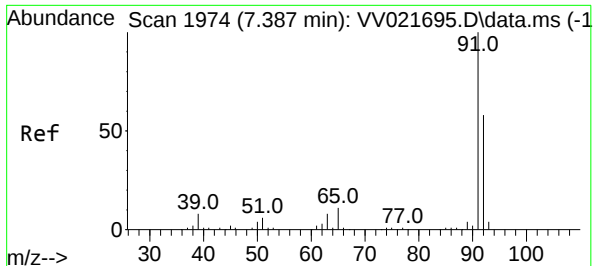


#40

4-Methyl-2-pentanone
 Concen: 90.928 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV021703.D
 Acq: 28 Jul 2021 12:28

Tgt Ion: 43 Resp: 435868
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.1 49.7
 100 17.3 13.8 20.8





#42

Toluene

Concen: 45.360 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021703.D

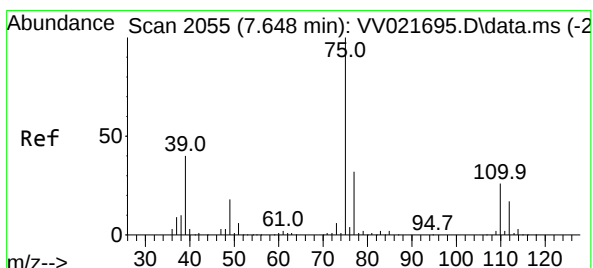
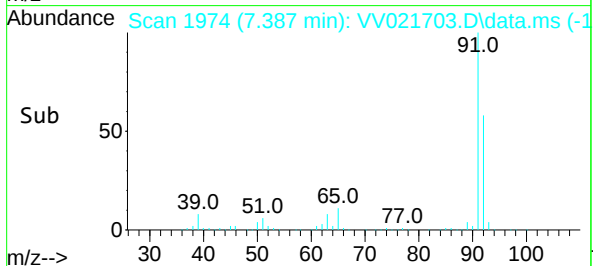
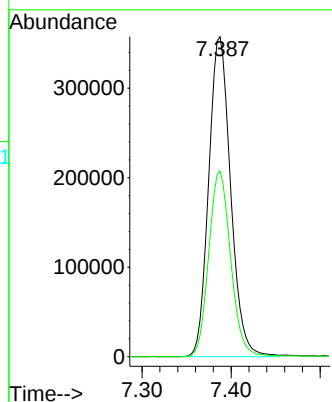
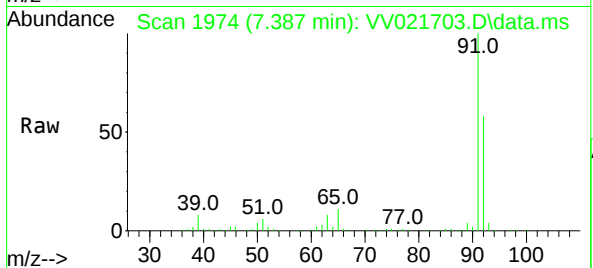
Acq: 28 Jul 2021 12:28

Tgt Ion: 91 Resp: 610821

Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 46.741 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV021703.D

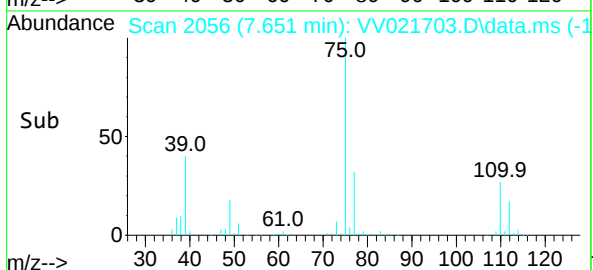
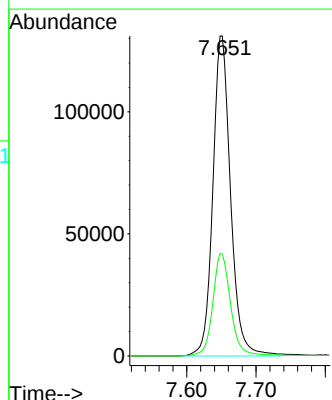
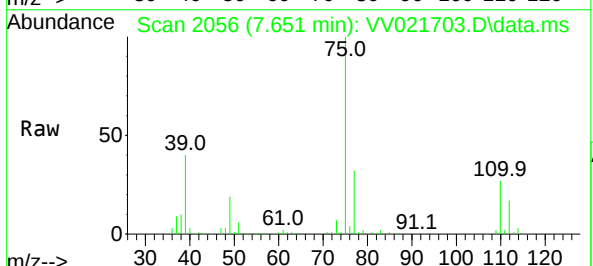
Acq: 28 Jul 2021 12:28

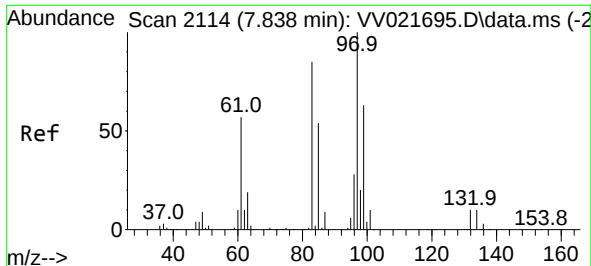
Tgt Ion: 75 Resp: 232472

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 46.319 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 97 Resp: 151843

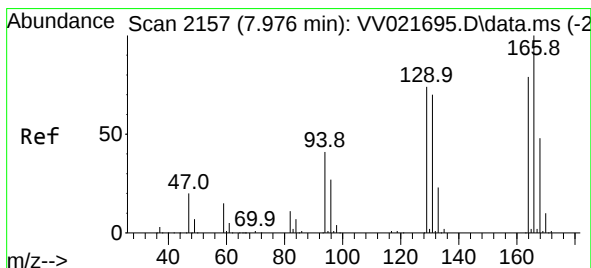
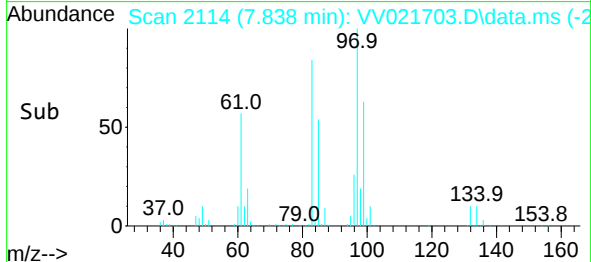
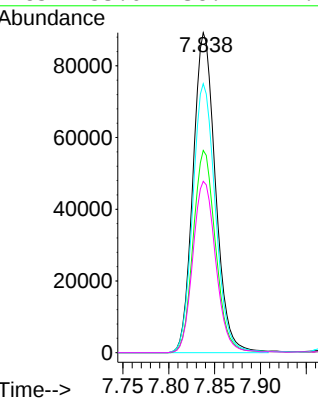
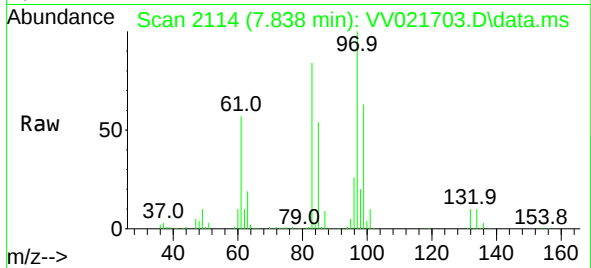
Ion Ratio Lower Upper

97 100

99 63.2 44.0 81.8

83 84.1 59.1 109.9

85 53.6 38.4 71.2



#46

Tetrachloroethene

Concen: 44.957 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 164 Resp: 118551

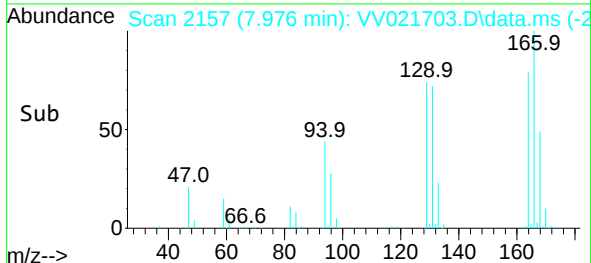
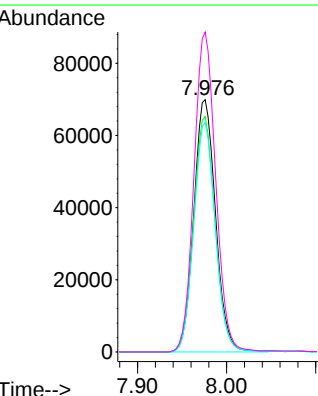
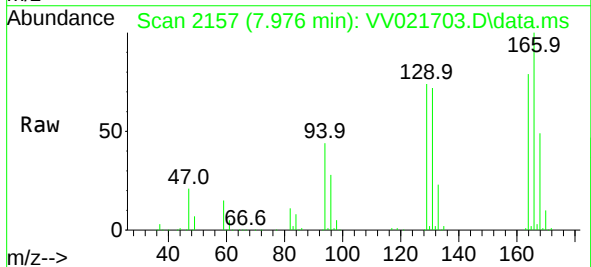
Ion Ratio Lower Upper

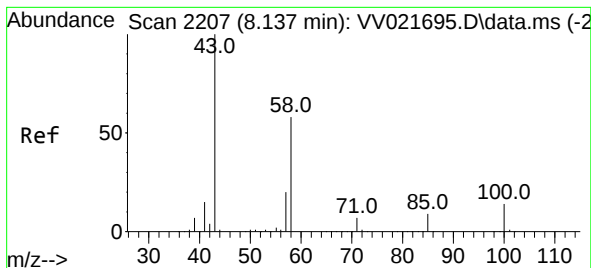
164 100

129 93.3 63.8 118.6

131 91.0 62.1 115.3

166 126.8 87.9 163.3





#48

2-Hexanone

Concen: 89.782 ug/L

RT: 8.137 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VV021703.D

Acq: 28 Jul 2021 12:28

Tgt Ion: 43 Resp: 331445

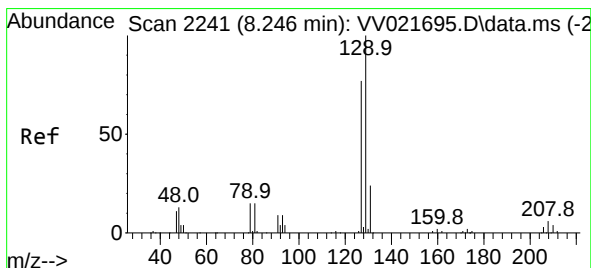
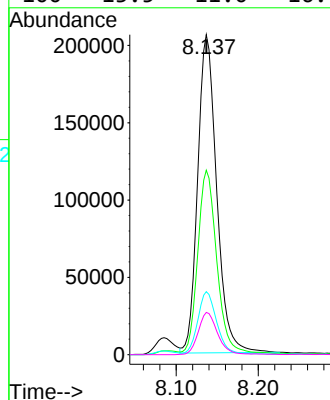
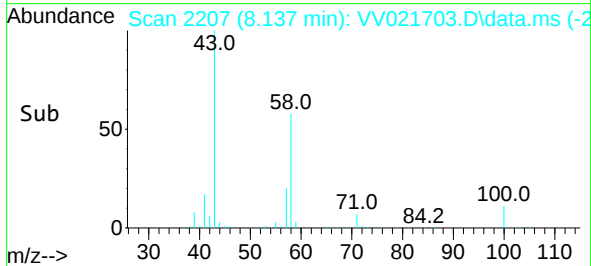
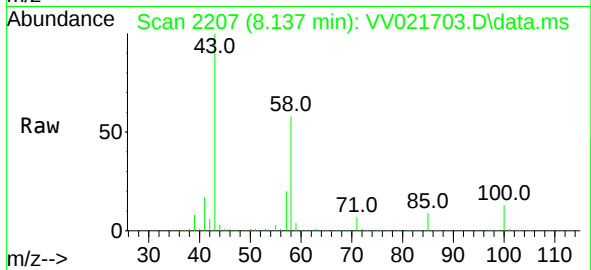
Ion Ratio Lower Upper

43 100

58 58.1 46.0 69.0

57 19.3 15.6 23.4

100 13.5 11.0 16.4



#49

Dibromochloromethane

Concen: 46.505 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV021703.D

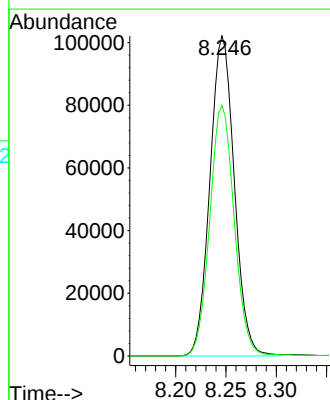
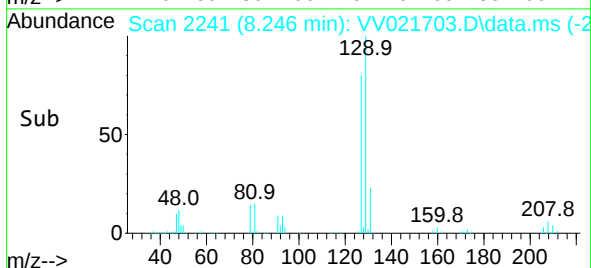
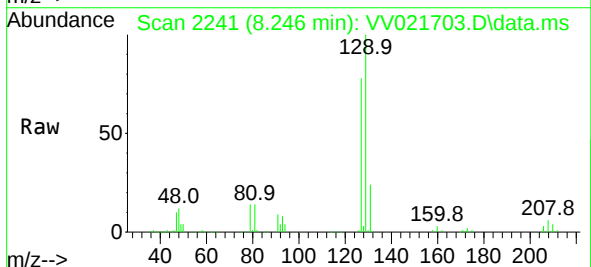
Acq: 28 Jul 2021 12:28

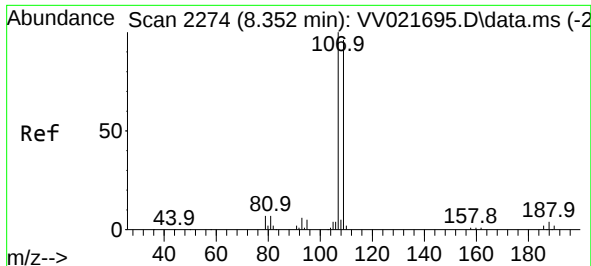
Tgt Ion: 129 Resp: 172279

Ion Ratio Lower Upper

129 100

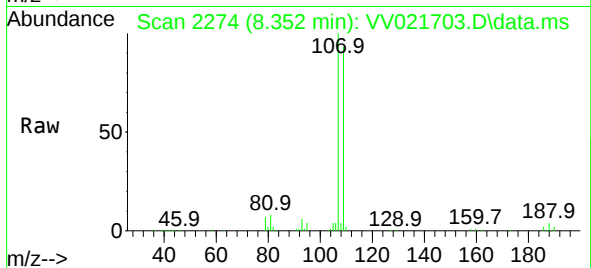
127 78.3 55.6 103.4



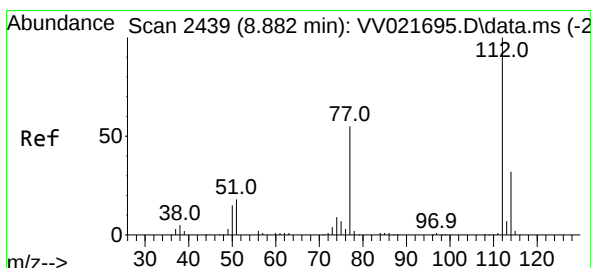
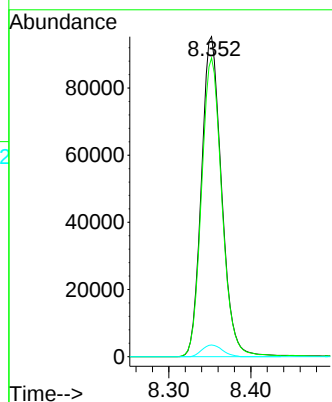
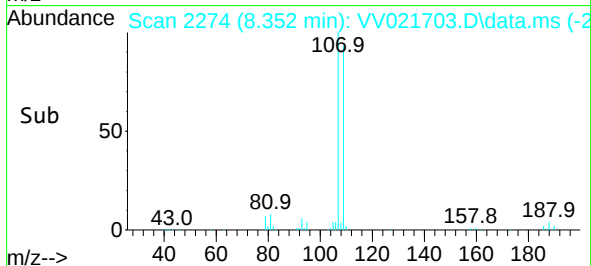


#50
1,2-Dibromoethane
Concen: 46.379 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

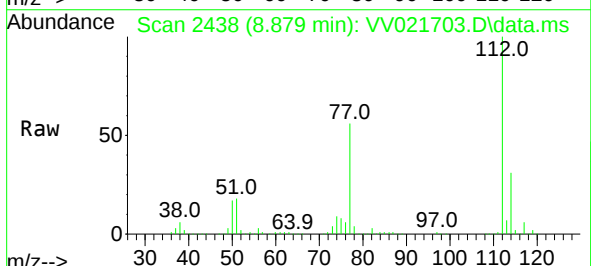
Instrument :
MSVOA_V
ClientSampled :



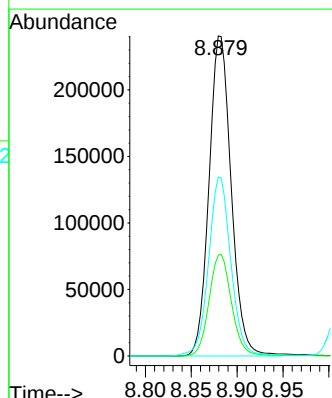
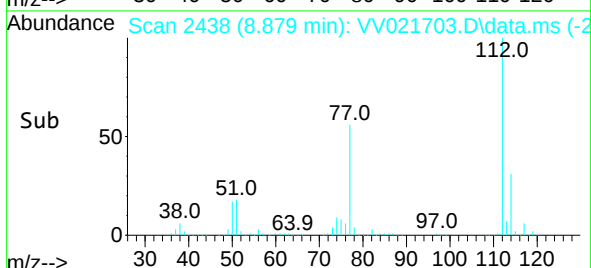
Tgt Ion:107 Resp: 162555
Ion Ratio Lower Upper
107 100
109 93.3 65.7 122.1
188 3.6 2.9 4.3

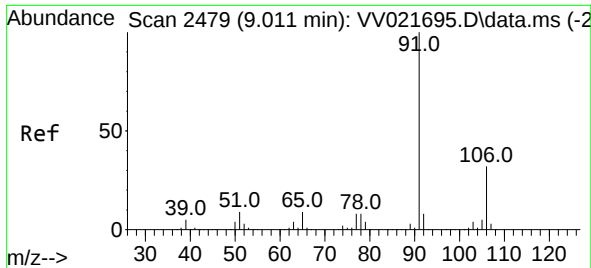


#51
Chlorobenzene
Concen: 45.811 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28



Tgt Ion:112 Resp: 404646
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 55.9 45.0 67.6

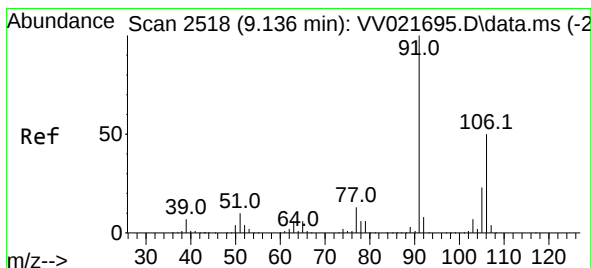
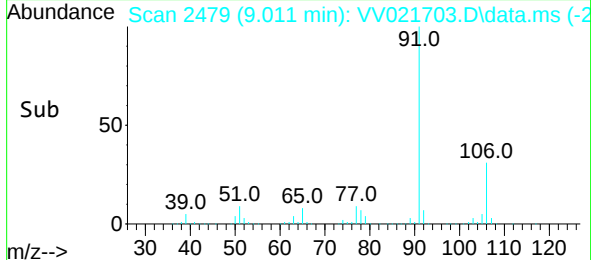
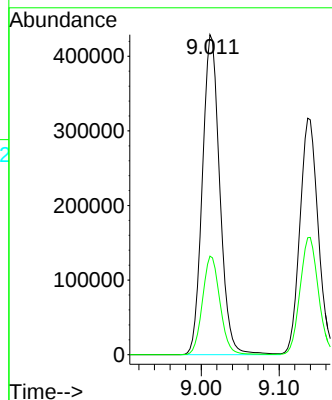
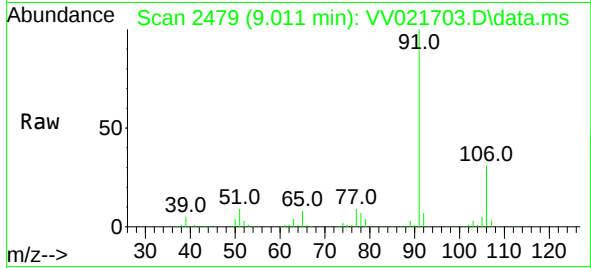




#52
Ethylbenzene
Concen: 46.140 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

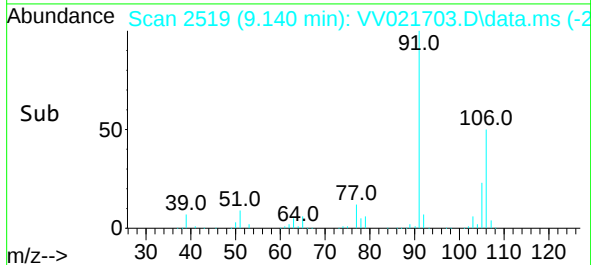
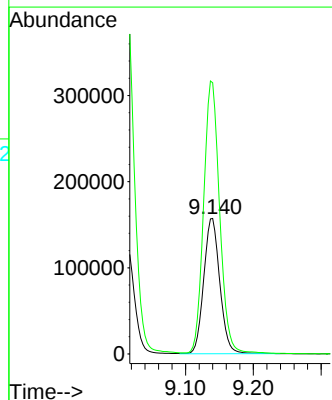
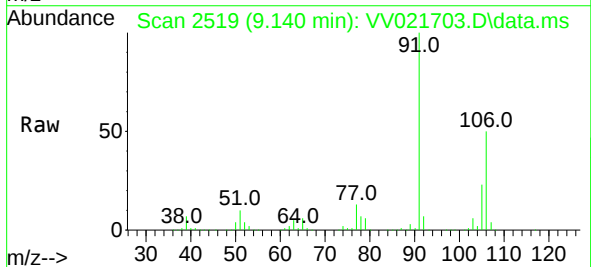
Instrument :
MSVOA_V
ClientSampled :

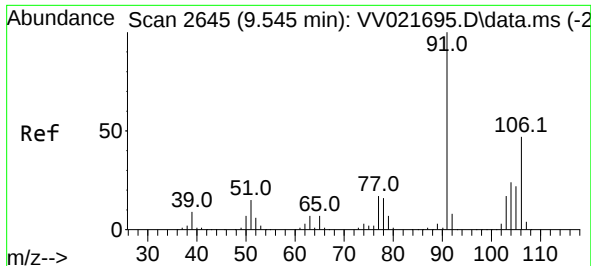
Tgt Ion: 91 Resp: 665663
Ion Ratio Lower Upper
91 100
106 30.8 22.1 41.1



#53
m,p-Xylene
Concen: 46.253 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 106 Resp: 259282
Ion Ratio Lower Upper
106 100
91 200.1 142.0 263.6

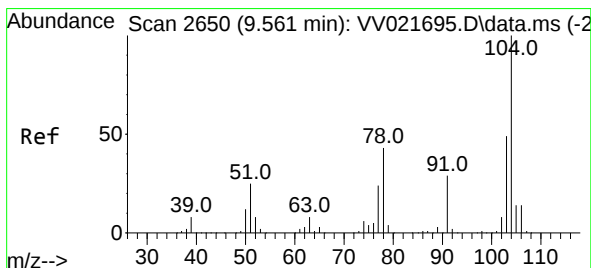
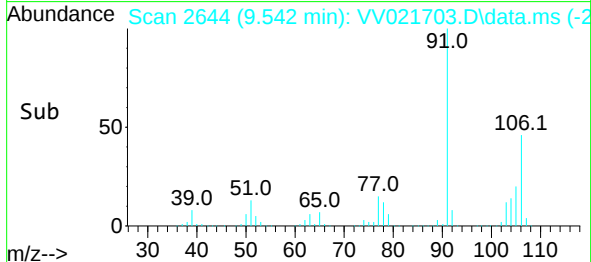
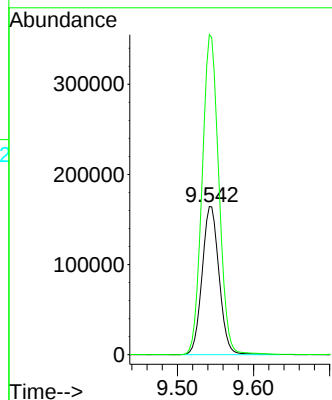
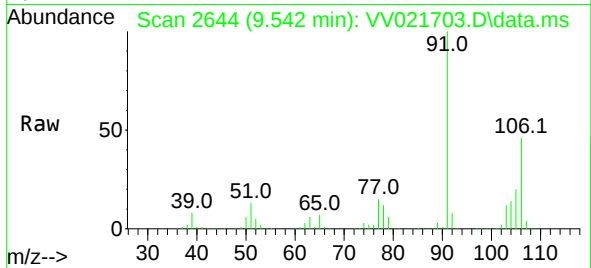




#54
o-Xylene
Concen: 45.404 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

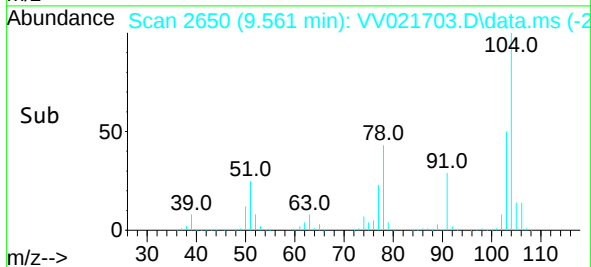
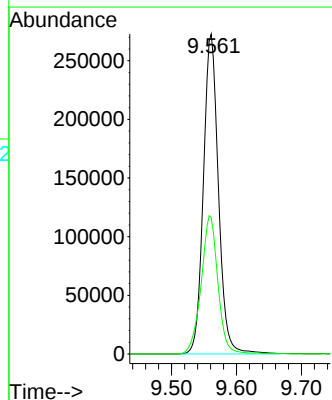
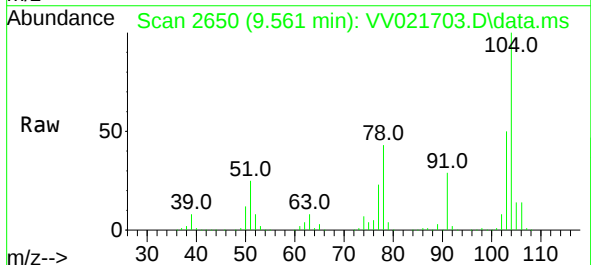
Instrument :
MSVOA_V
ClientSampled :

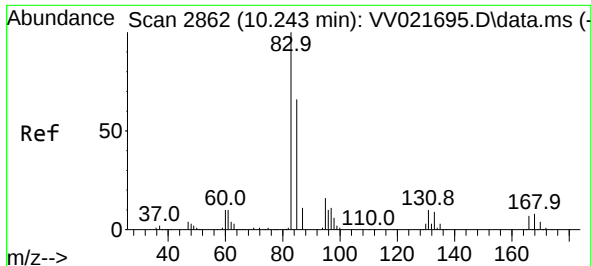
Tgt Ion:106 Resp: 254858
Ion Ratio Lower Upper
106 100
91 215.9 146.8 272.6



#55
Styrene
Concen: 46.624 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion:104 Resp: 441050
Ion Ratio Lower Upper
104 100
78 42.6 30.1 55.9

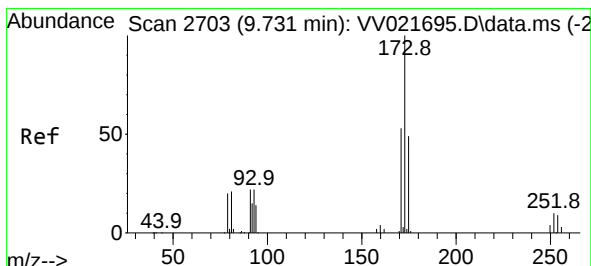
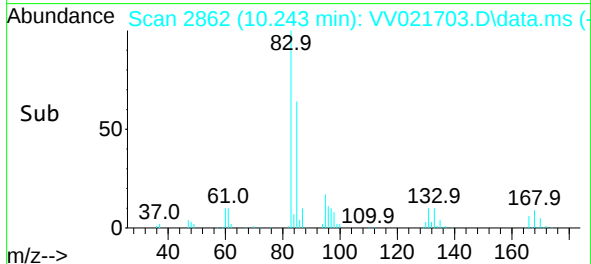
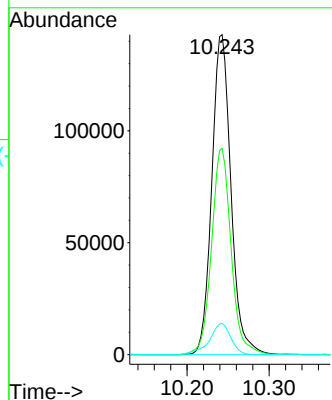
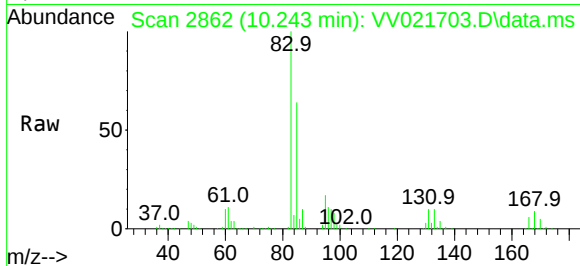




#57
1,1,2,2-Tetrachloroethane
Concen: 45.940 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

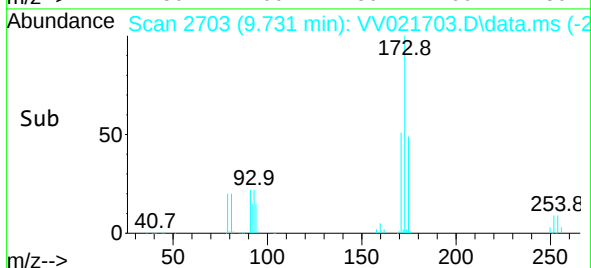
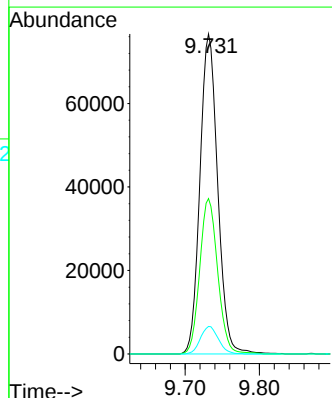
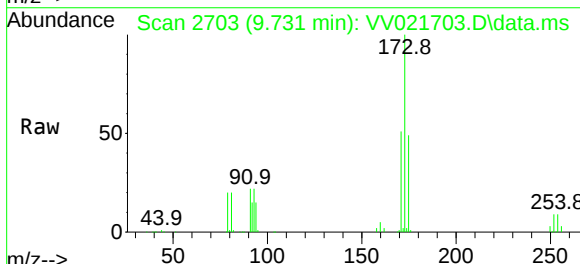
Instrument :
MSVOA_V
ClientSampleId :

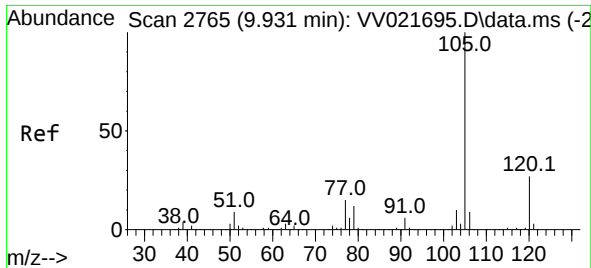
Tgt Ion: 83 Resp: 231819
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1
131 9.8 8.2 12.2



#59
Bromoform
Concen: 44.466 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 173 Resp: 127284
Ion Ratio Lower Upper
173 100
175 49.1 38.3 57.5
254 8.7 7.0 10.4

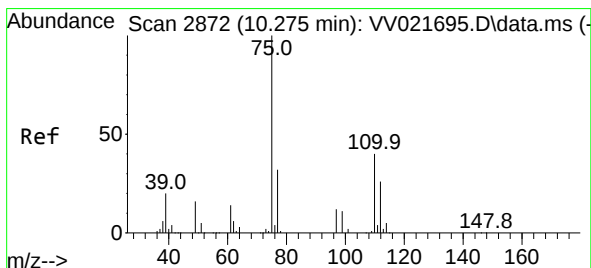
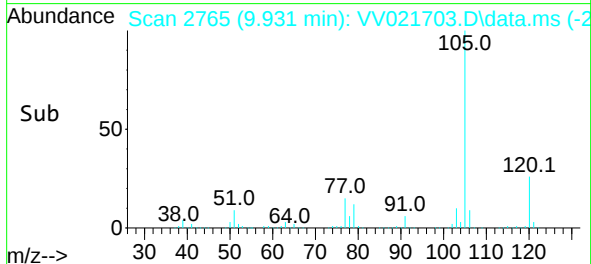
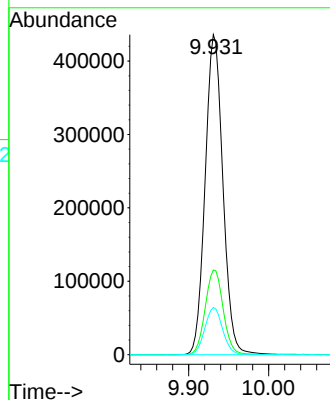
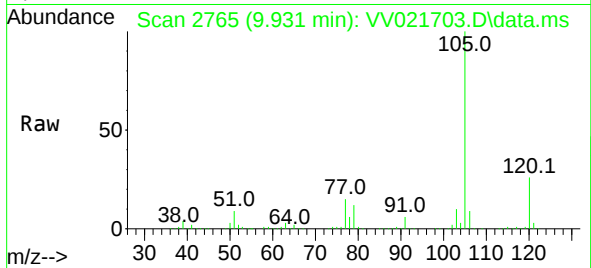




#60
Isopropylbenzene
Concen: 44.712 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

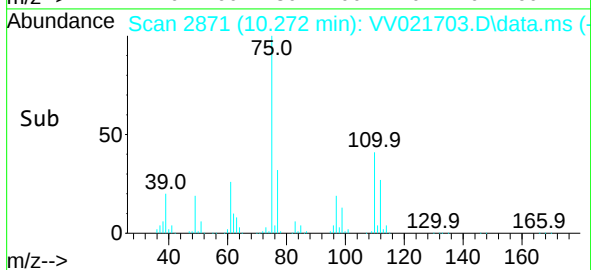
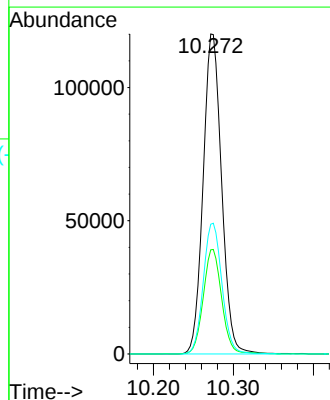
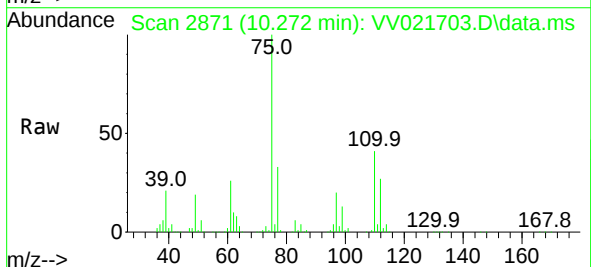
Instrument :
MSVOA_V
ClientSampled :

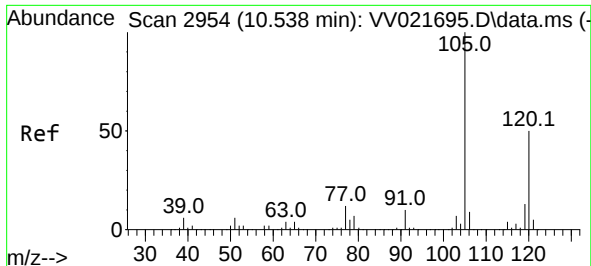
Tgt Ion:105 Resp: 673625
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 44.867 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 75 Resp: 193199
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 41.3 32.9 49.3

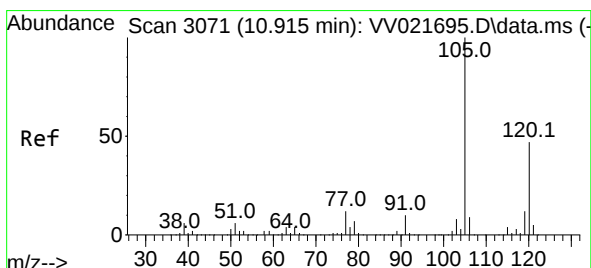
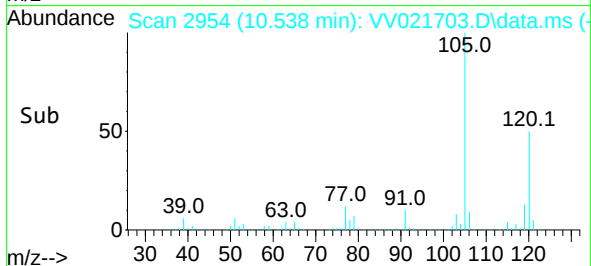
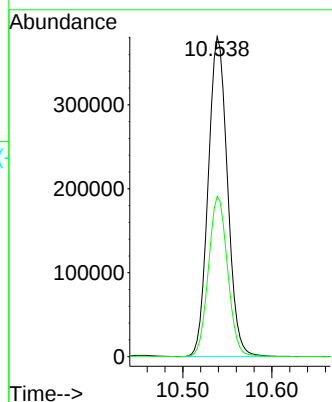
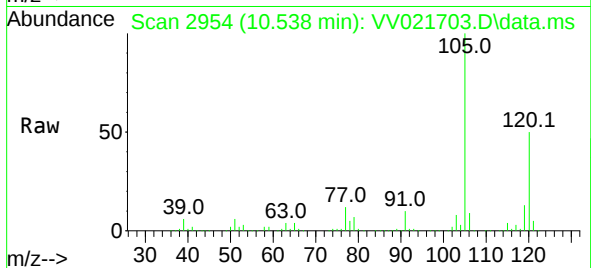




#62
1,3,5-Trimethylbenzene
Concen: 44.995 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

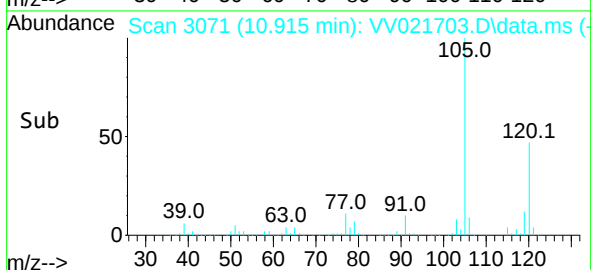
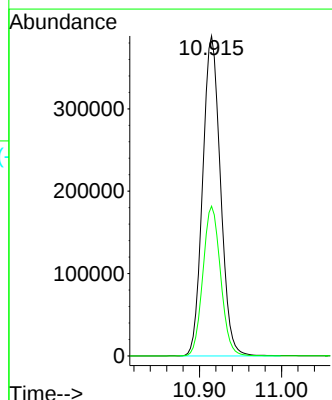
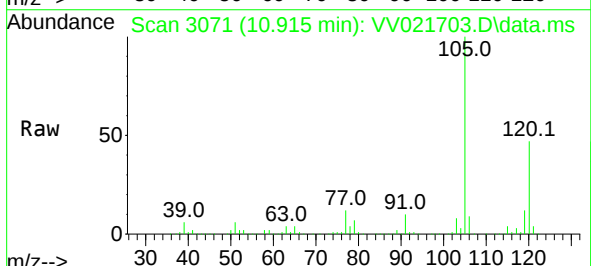
Instrument :
MSVOA_V
ClientSampled :

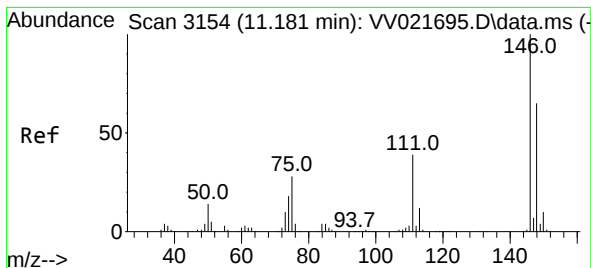
Tgt Ion:105 Resp: 571555
Ion Ratio Lower Upper
105 100
120 50.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 45.637 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion:105 Resp: 585616
Ion Ratio Lower Upper
105 100
120 46.5 37.0 55.4

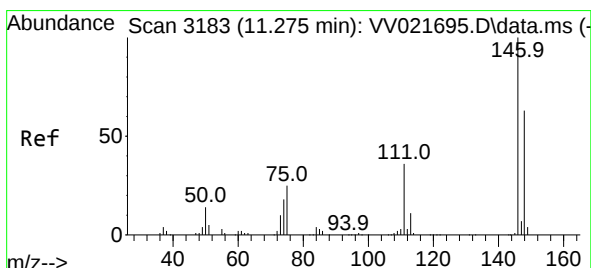
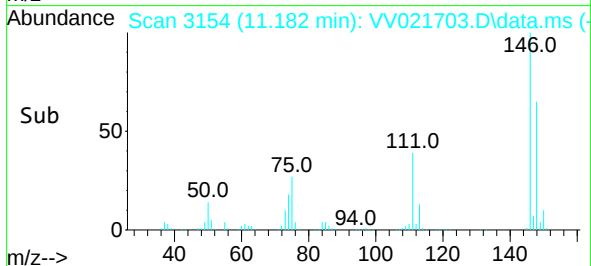
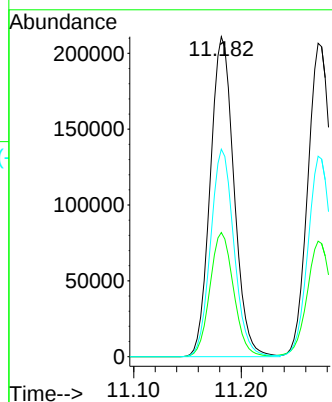
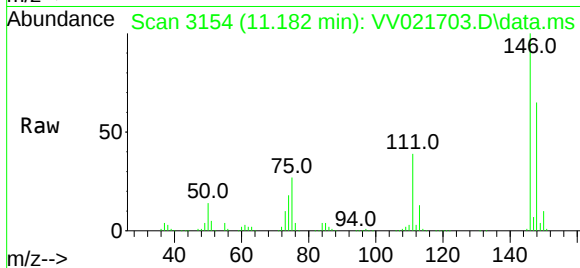




#64
1,3-Dichlorobenzene
Concen: 45.496 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

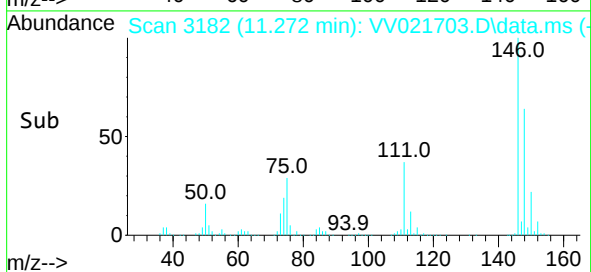
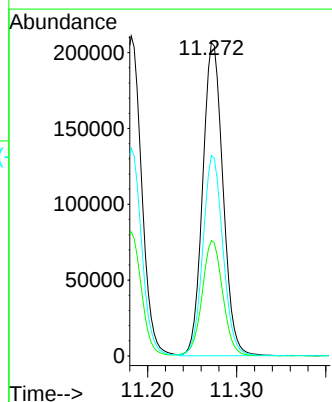
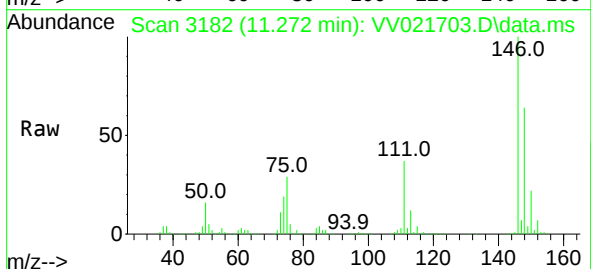
Instrument :
MSVOA_V
ClientSampled :

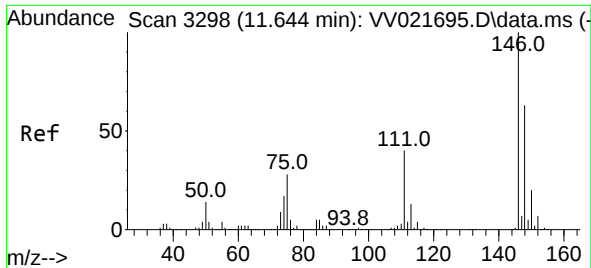
Tgt Ion:146 Resp: 323959
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.6
148 64.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 45.728 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion:146 Resp: 325932
Ion Ratio Lower Upper
146 100
111 36.8 26.1 48.5
148 64.0 44.8 83.2

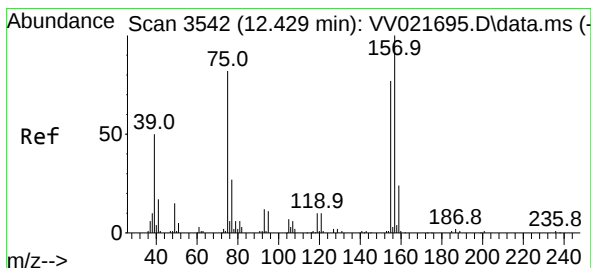
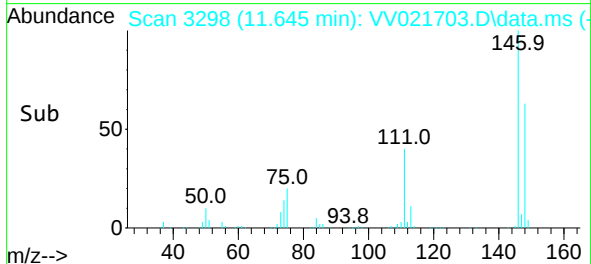
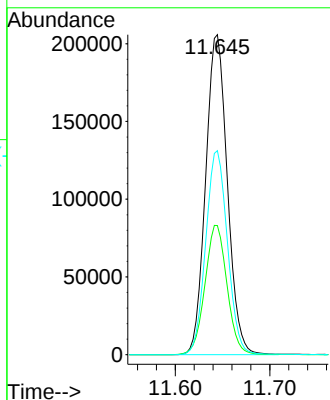
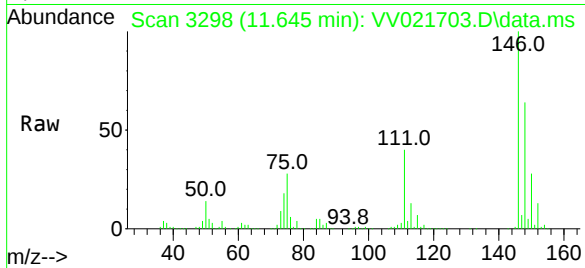




#67
1,2-Dichlorobenzene
Concen: 45.458 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

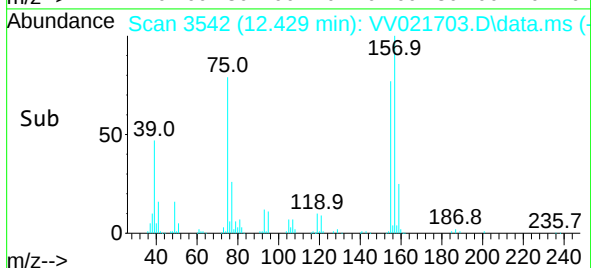
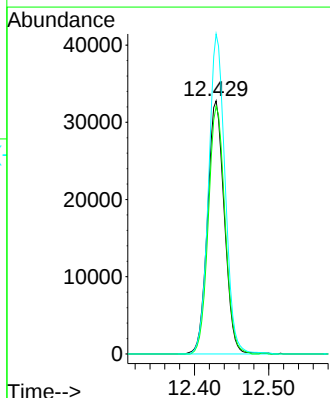
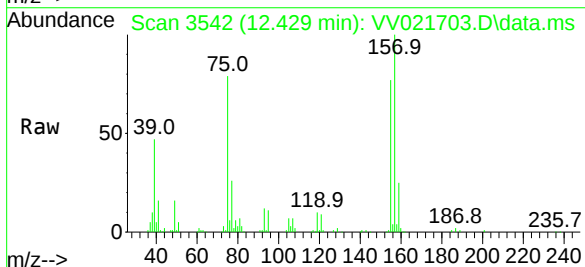
Instrument :
MSVOA_V
ClientSampled :

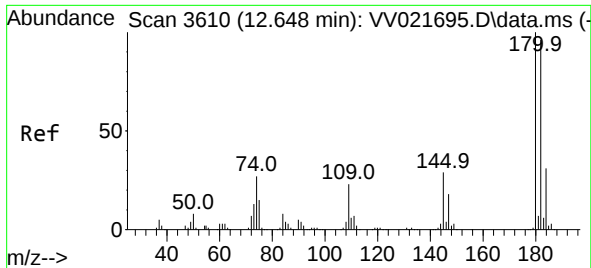
Tgt Ion:146 Resp: 328562
Ion Ratio Lower Upper
146 100
111 40.3 32.1 48.1
148 63.8 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 43.331 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion: 75 Resp: 51612
Ion Ratio Lower Upper
75 100
155 97.9 77.0 115.4
157 126.4 100.7 151.1

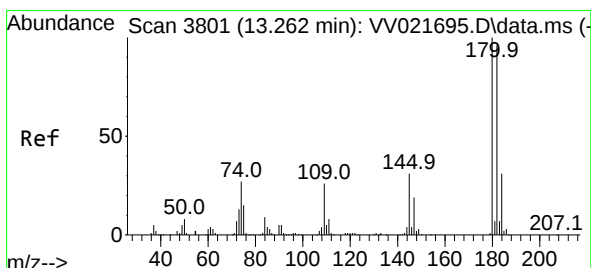
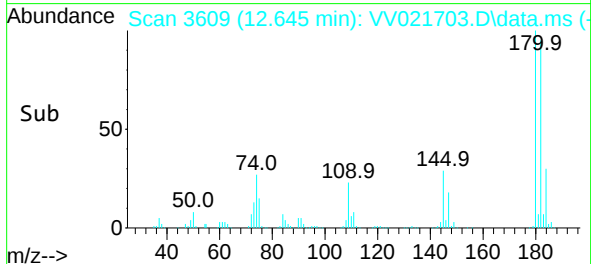
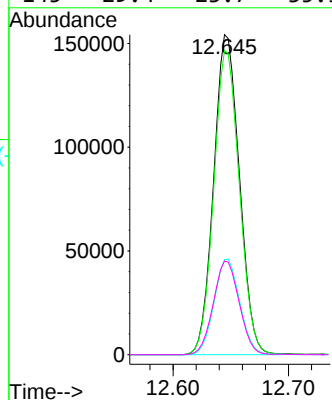
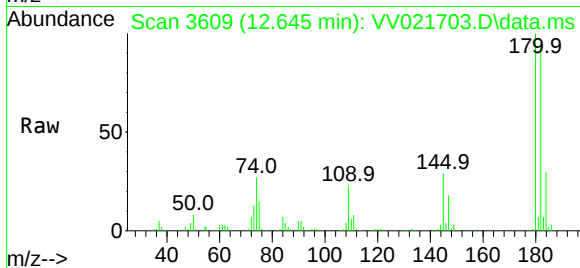




#69
1,3,5-Trichlorobenzene
Concen: 45.118 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

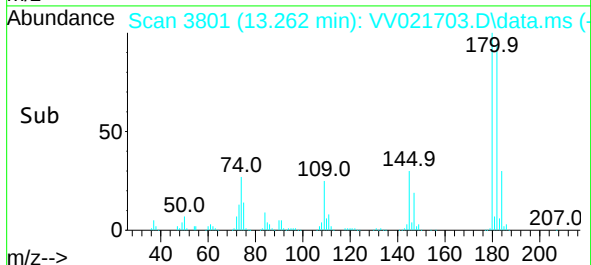
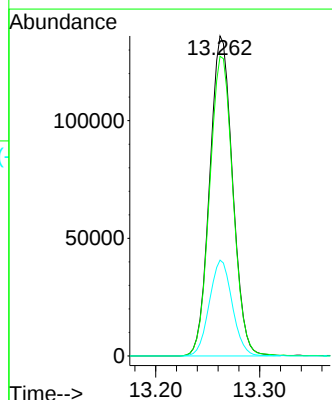
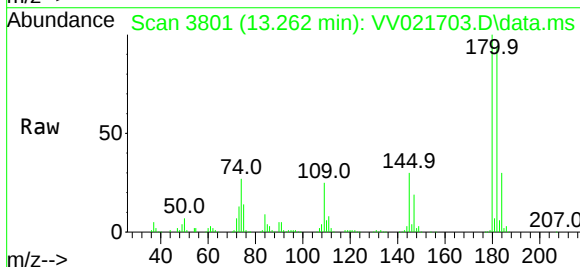
Instrument :
MSVOA_V
ClientSampleId :

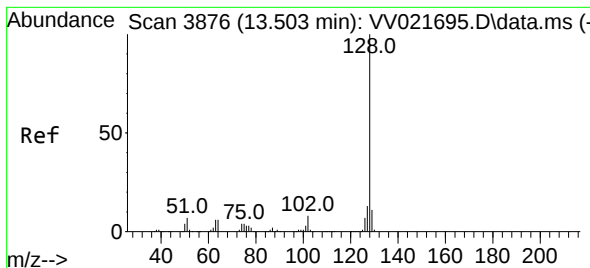
Tgt Ion:180	Resp: 238259
Ion Ratio	Lower Upper
180 100	
182 94.9	75.9 113.9
184 29.7	24.9 37.3
145 29.4	23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 44.644 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion:180	Resp: 207992
Ion Ratio	Lower Upper
180 100	
182 95.5	76.7 115.1
145 29.9	24.5 36.7

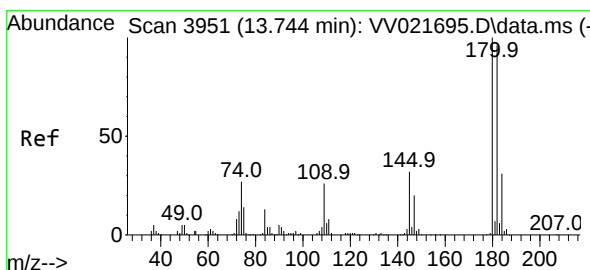
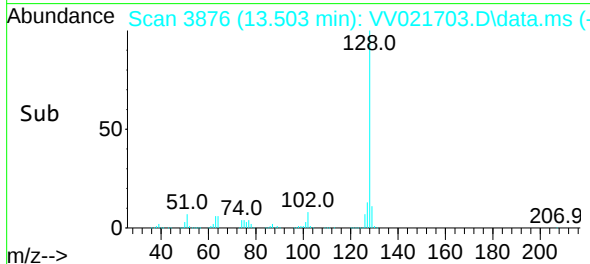
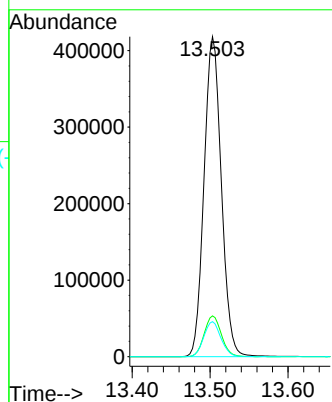
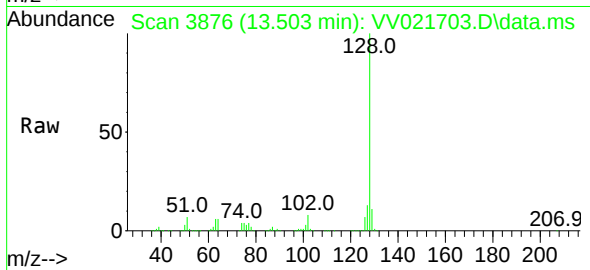




#71
Naphthalene
Concen: 44.776 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 644643
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 43.652 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021703.D
Acq: 28 Jul 2021 12:28

Tgt Ion:180 Resp: 207339
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 32.3 25.5 38.3

