

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062321\
 Data File : VW021551.D
 Acq On : 23 Jun 2021 11:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 24 02:25:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 17 02:01:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	482774	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	450320	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	241868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	144922	45.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.180%
7) Chloroethane-d5	1.568	69	118757	50.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.460%
11) 1,1-Dichloroethene-d2	2.108	63	266575	49.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.160%
21) 2-Butanone-d5	3.889	46	261486	114.725	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.720%
24) Chloroform-d	4.349	84	315589	49.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	5.034	65	188012	51.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.180%
32) Benzene-d6	5.050	84	615769	48.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	6.072	67	196564	50.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.060%
41) Toluene-d8	7.317	98	569487	47.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.900%
43) trans-1,3-Dichloroprop...	7.622	79	101647	48.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
47) 2-Hexanone-d5	8.088	63	191742	107.334	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.330%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	275368	50.991	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	232806	46.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	140652	42.033	ug/L	98
3) Chloromethane	1.243	50	148179	44.452	ug/L	100
5) Vinyl chloride	1.310	62	156560	45.762	ug/L	100
6) Bromomethane	1.523	94	102666	43.818	ug/L	98
8) Chloroethane	1.584	64	96769	49.748	ug/L	98
9) Trichlorofluoromethane	1.751	101	208878	41.161	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	137417	46.585	ug/L	93
12) 1,1-Dichloroethene	2.117	96	127661	45.056	ug/L	90
13) Acetone	2.436	43	167220	85.268	ug/L	100
14) Carbon disulfide	2.294	76	396284	44.363	ug/L	100
15) Methyl Acetate	2.436	43	176460	52.515	ug/L	95
16) Methylene chloride	2.506	84	163665	46.110	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	150592	46.586	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	507408	49.513	ug/L	98
19) 1,1-Dichloroethane	3.191	63	279095	48.721	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	171878	47.526	ug/L	95
22) 2-Butanone	3.973	43	305460	122.957	ug/L	99
23) Bromochloromethane	4.249	128	89863	44.864	ug/L	93
25) Chloroform	4.378	83	290579	49.017	ug/L	99

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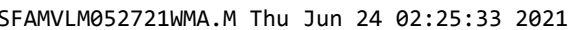
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 ClientSampleId :

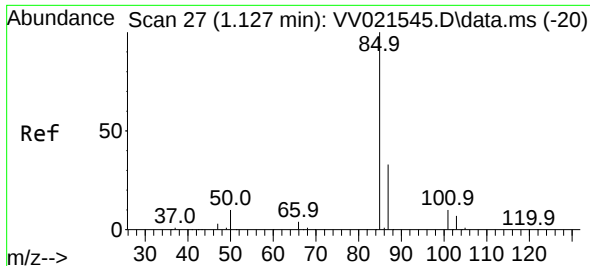
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	212646	51.924	ug/L	99
29) Cyclohexane	4.680	56	255474	48.696	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	263379	47.379	ug/L	98
31) Carbon tetrachloride	4.831	117	230374	45.650	ug/L	99
33) Benzene	5.101	78	626289	48.591	ug/L	100
34) Trichloroethene	5.915	95	167591	47.835	ug/L	96
35) Methylcyclohexane	6.133	83	262970	46.758	ug/L	98
37) 1,2-Dichloropropane	6.175	63	163812	49.846	ug/L	99
38) Bromodichloromethane	6.509	83	228509	49.552	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	274147	49.617	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	488244	109.572	ug/L	98
42) Toluene	7.390	91	674474	47.171	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	258377	49.431	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	162879	48.833	ug/L	97
46) Tetrachloroethene	7.979	164	132722	41.204	ug/L	95
48) 2-Hexanone	8.140	43	406693	119.004	ug/L	97
49) Dibromochloromethane	8.249	129	191700	45.898	ug/L	97
50) 1,2-Dibromoethane	8.352	107	174597	47.560	ug/L	98
51) Chlorobenzene	8.882	112	442522	46.812	ug/L	98
52) Ethylbenzene	9.014	91	758441	48.294	ug/L	99
53) m,p-Xylene	9.140	106	288878	47.873	ug/L	100
54) o-Xylene	9.545	106	286147	48.027	ug/L	100
55) Styrene	9.561	104	488685	47.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	262301	50.379	ug/L	99
59) Bromoform	9.731	173	145126	44.470	ug/L #	98
60) Isopropylbenzene	9.934	105	758036	50.578	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	210163	55.301	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	641850	49.746	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	652305	50.046	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	355670	46.982	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	352057	46.062	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	360231	47.523	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	62415	52.718	ug/L	85
69) 1,3,5-Trichlorobenzene	12.647	180	268201	41.996	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	236520	41.456	ug/L	98
71) Naphthalene	13.503	128	732346	46.536	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	233017	41.959	ug/L	99

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

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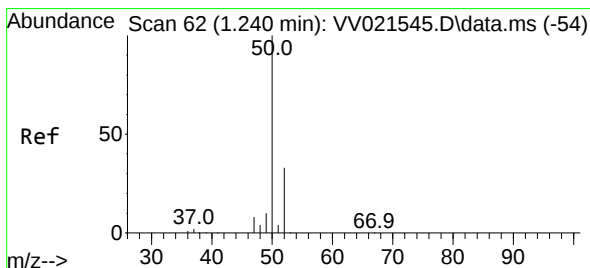
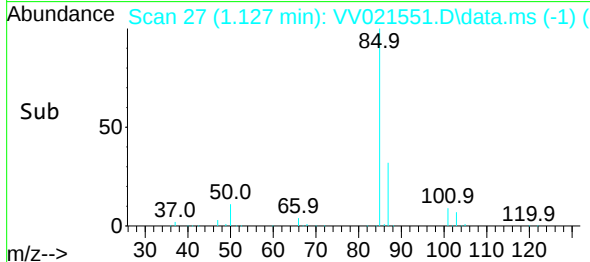
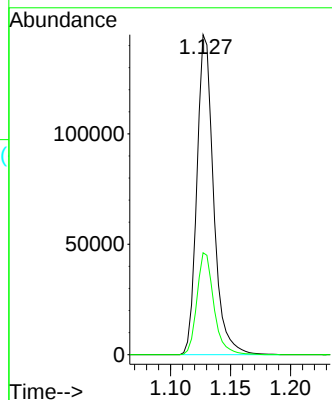
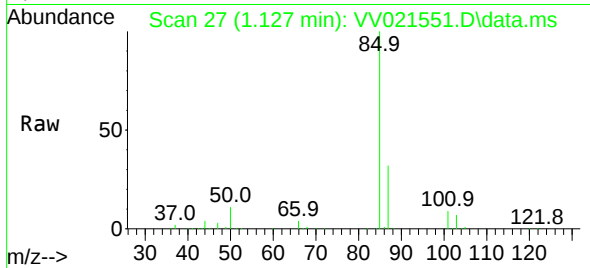




#2
 Dichlorodifluoromethane
 Concen: 42.033 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

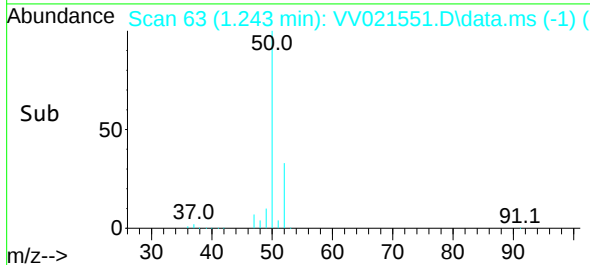
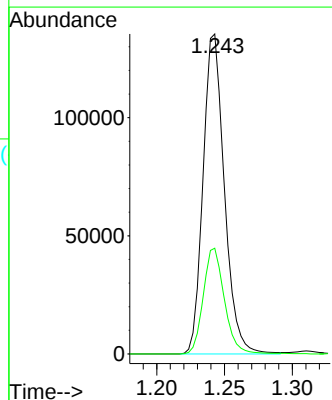
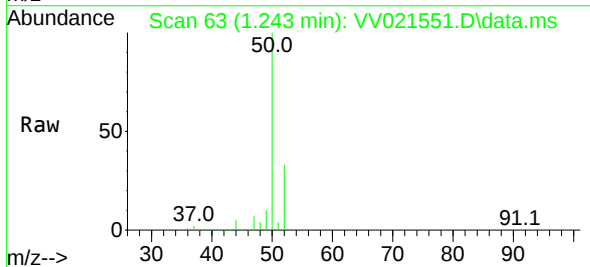
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 MSVOA_V
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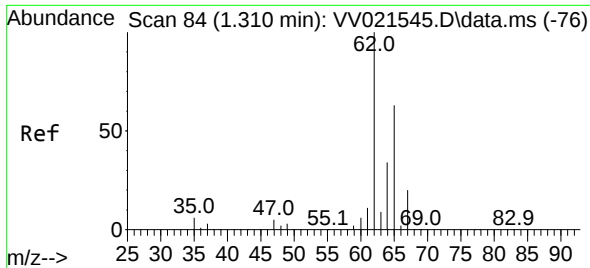
Tgt Ion: 85 Resp: 140652
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8



#3
 Chloromethane
 Concen: 44.452 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

Tgt Ion: 50 Resp: 148179
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.3 43.3

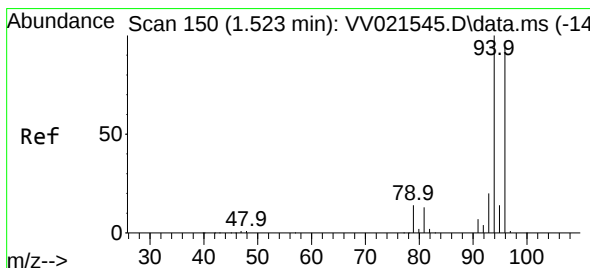
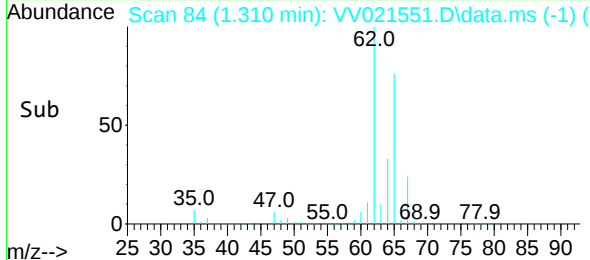
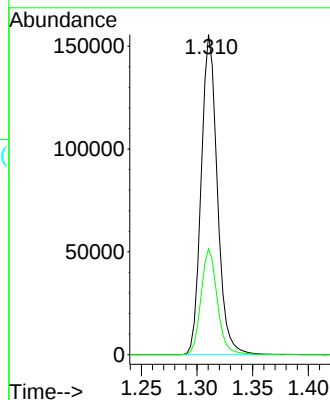
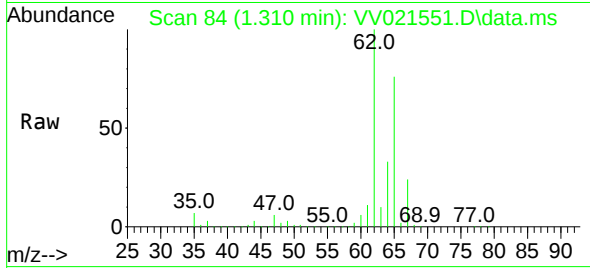




#5
 Vinyl chloride
 Concen: 45.762 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

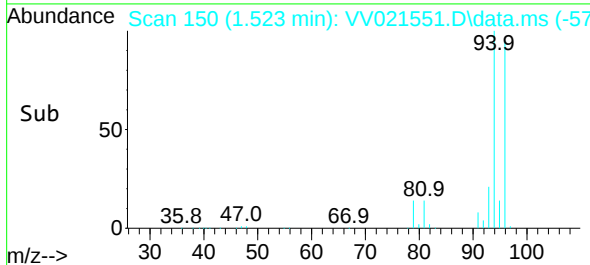
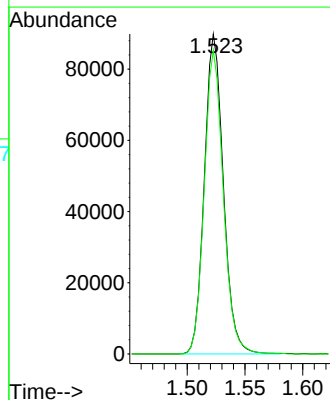
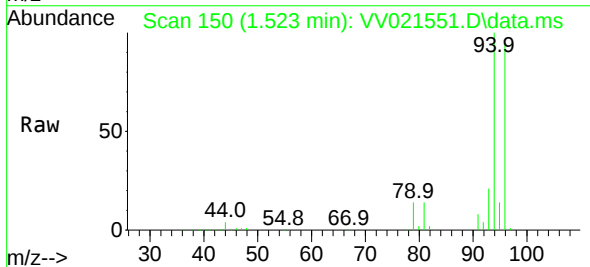
Instrument :
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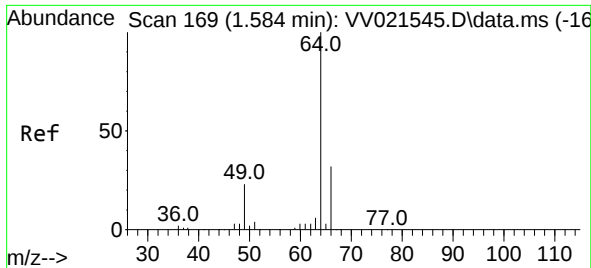
Tgt Ion: 62 Resp: 156560
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 43.818 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

Tgt Ion: 94 Resp: 102666
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.2 121.0

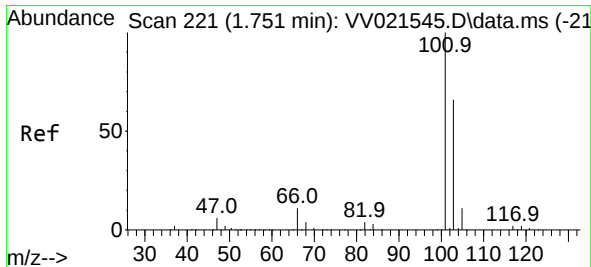
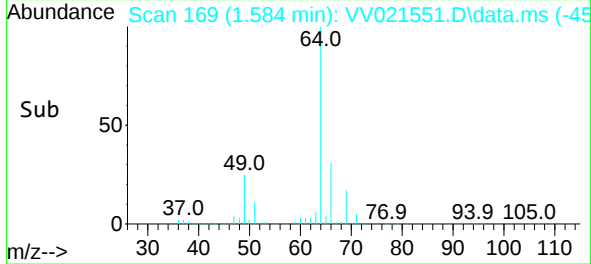
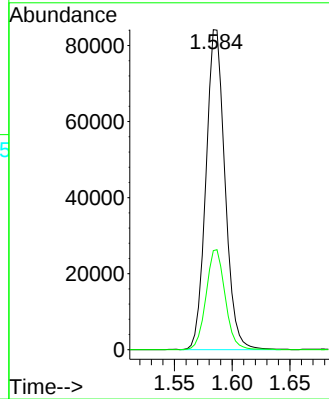
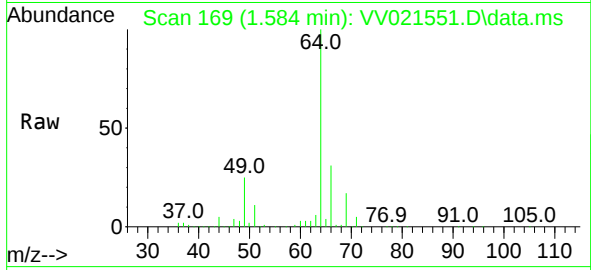




#8
Chloroethane
Concen: 49.748 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

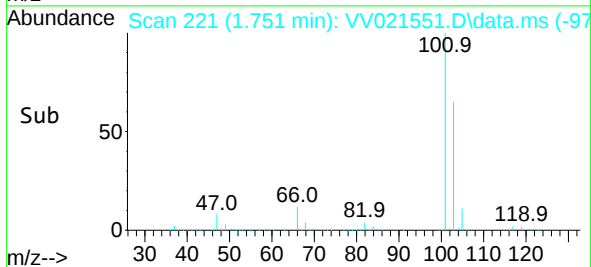
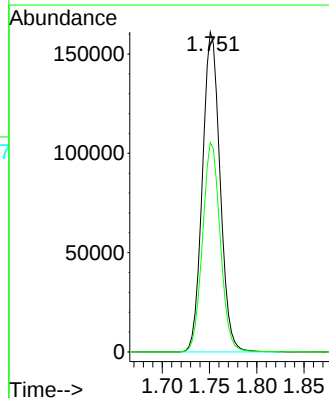
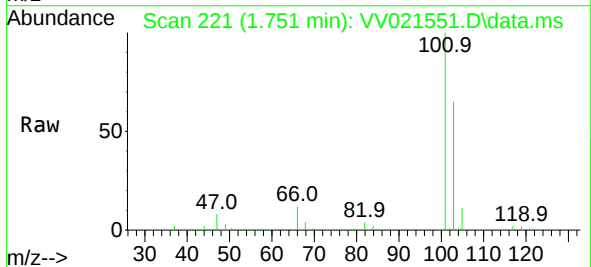
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ClientSampled :

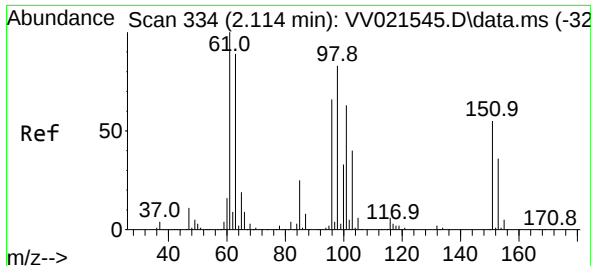
Tgt Ion: 64 Resp: 96769
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 41.161 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion:101 Resp: 208878
Ion Ratio Lower Upper
101 100
103 65.6 52.1 78.1

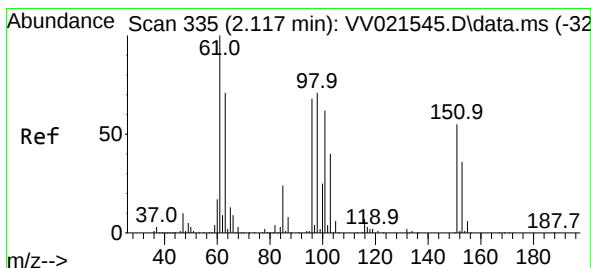
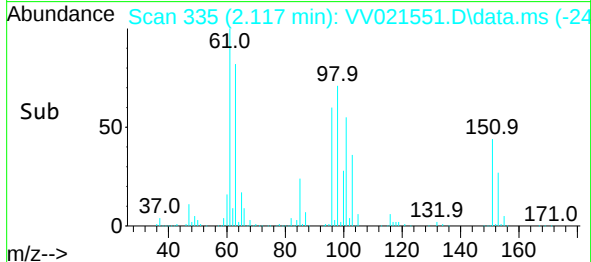
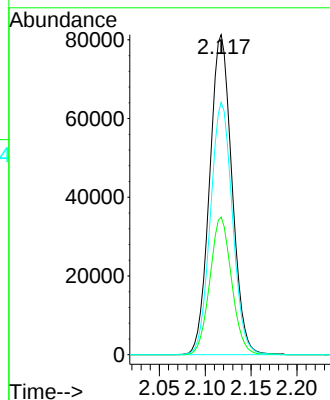
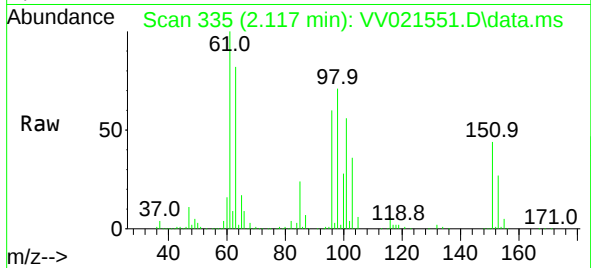




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.585 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

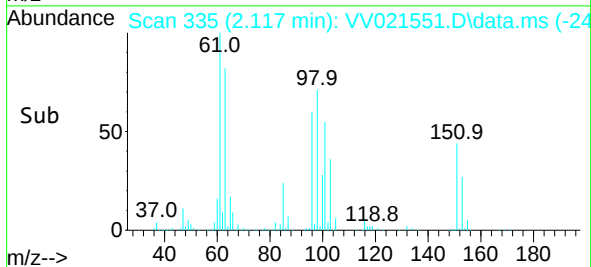
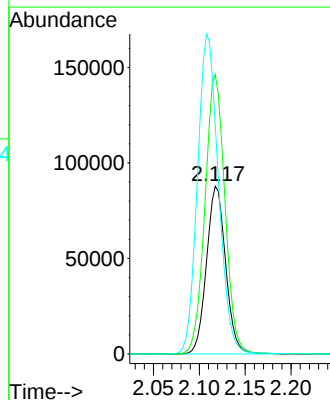
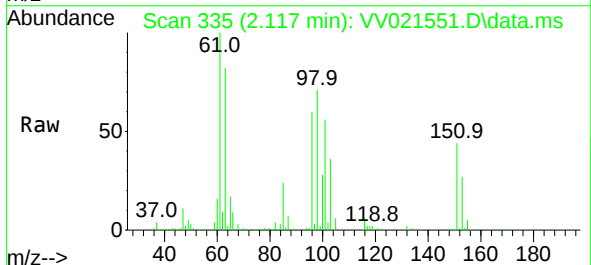
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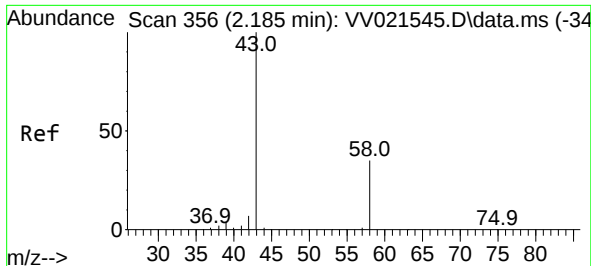
Tgt Ion:101 Resp: 137417
 Ion Ratio Lower Upper
 101 100
 85 41.8 32.6 49.0
 151 78.1 70.0 105.0



#12
 1,1-Dichloroethene
 Concen: 45.056 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

Tgt Ion: 96 Resp: 127661
 Ion Ratio Lower Upper
 96 100
 61 166.6 107.7 200.1
 63 136.4 86.6 160.8

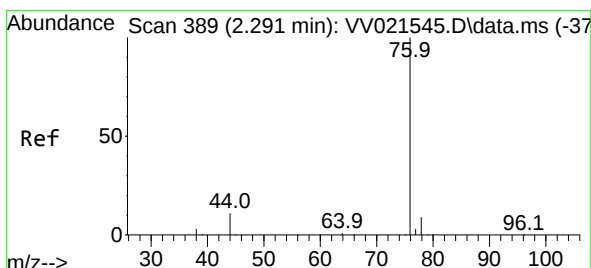
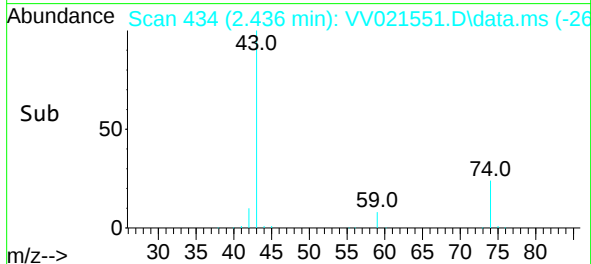
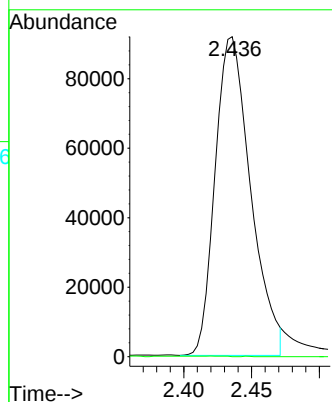
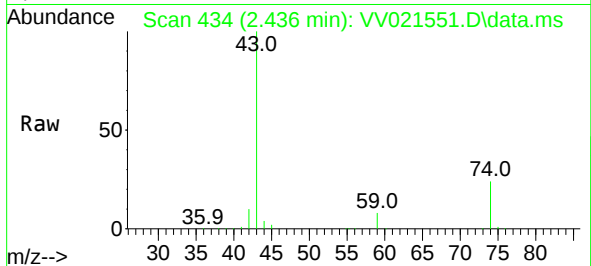




#13
Acetone
Concen: 85.268 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.251 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

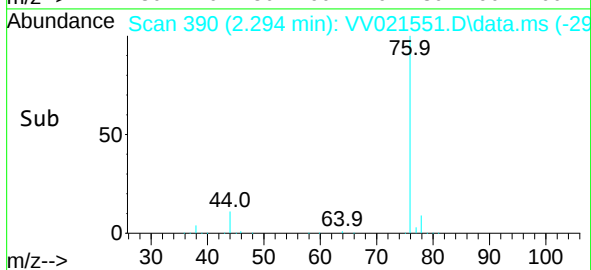
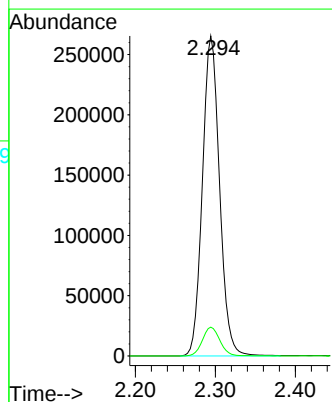
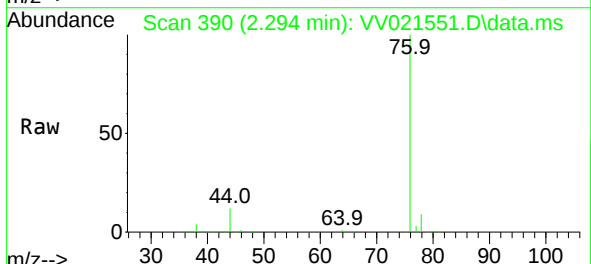
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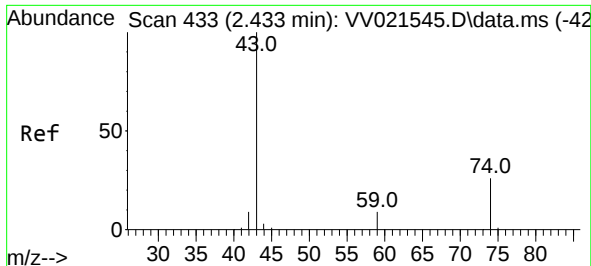
Tgt Ion: 43 Resp: 167220
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.2



#14
Carbon disulfide
Concen: 44.363 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 76 Resp: 396284
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

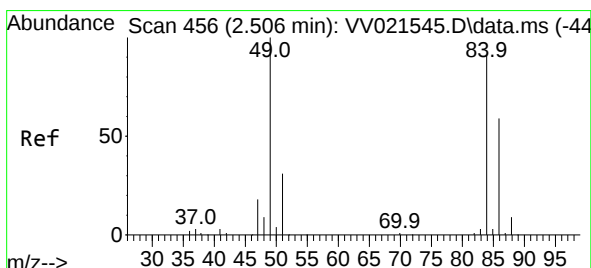
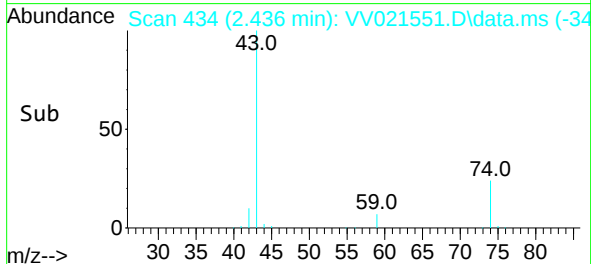
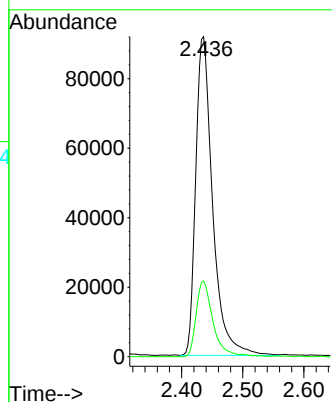
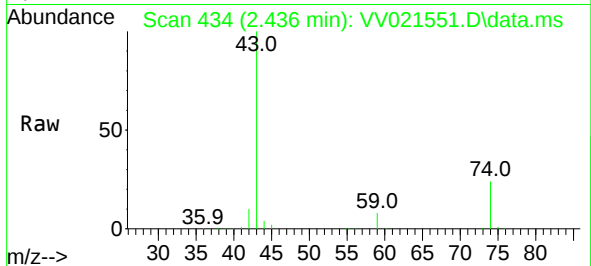




#15
Methyl Acetate
Concen: 52.515 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

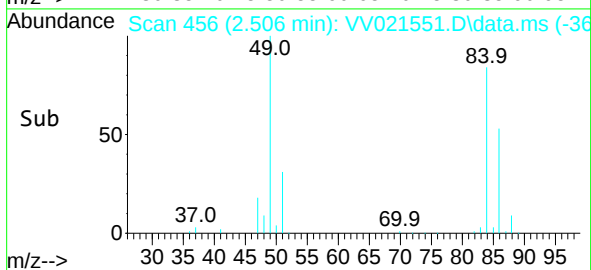
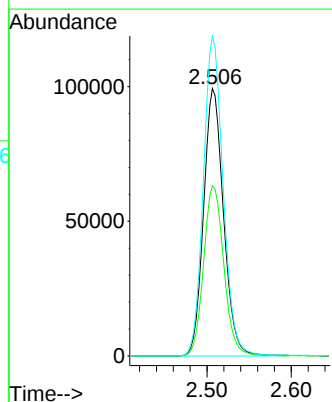
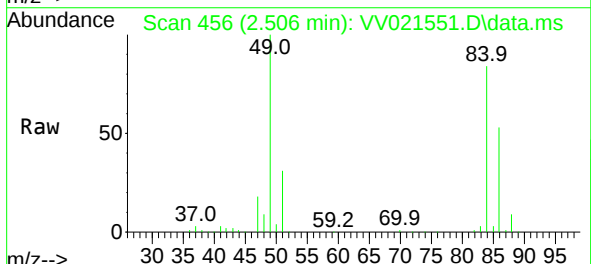
Instrument :
MSVOA_V
ClientSampled :

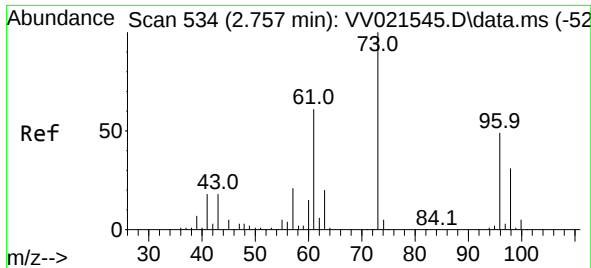
Tgt Ion: 43 Resp: 176460
Ion Ratio Lower Upper
43 100
74 23.1 20.4 30.6



#16
Methylene chloride
Concen: 46.110 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 84 Resp: 163665
Ion Ratio Lower Upper
84 100
86 63.7 44.1 81.9
49 119.6 80.8 150.0

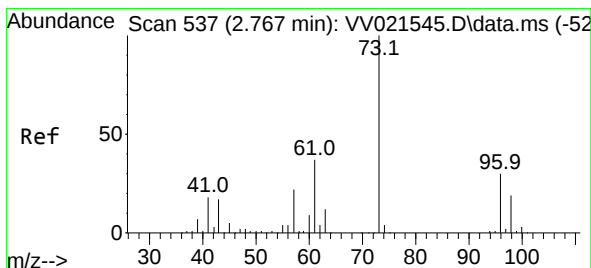
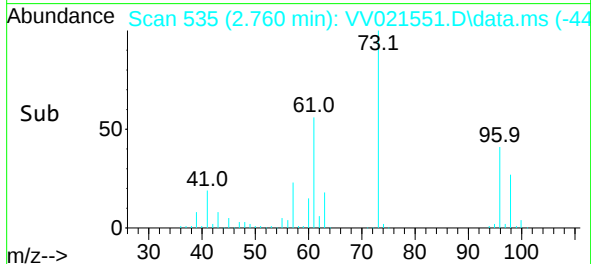
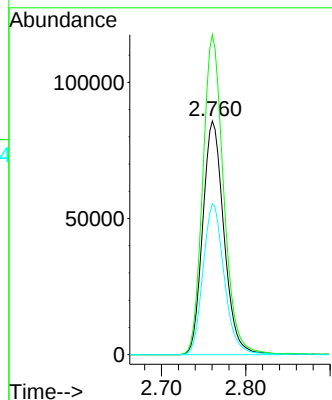
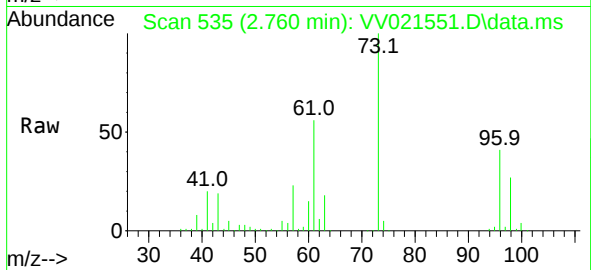




#17
trans-1,2-Dichloroethene
Concen: 46.586 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

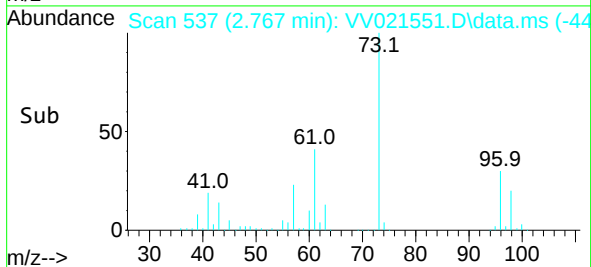
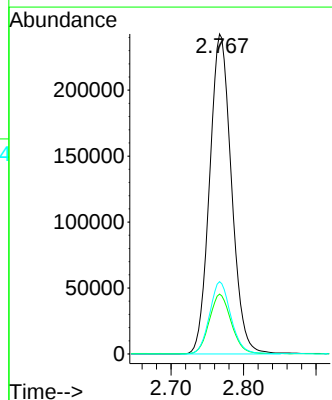
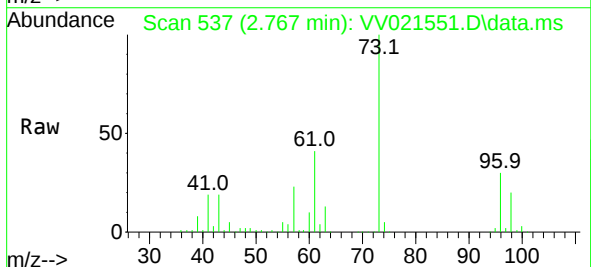
Instrument :
MSVOA_V
ClientSampleId :

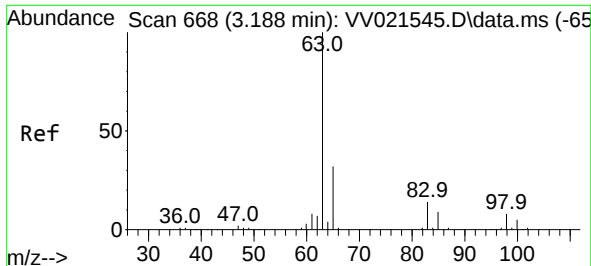
Tgt Ion: 96 Resp: 150592
Ion Ratio Lower Upper
96 100
61 136.9 88.8 165.0
98 64.6 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 49.513 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 73 Resp: 507408
Ion Ratio Lower Upper
73 100
43 18.5 13.9 20.9
57 22.1 17.1 25.7

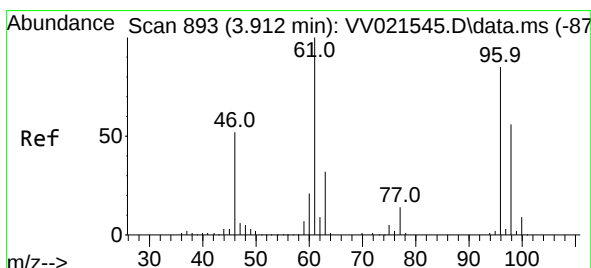
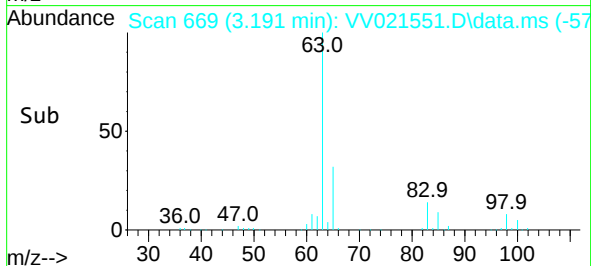
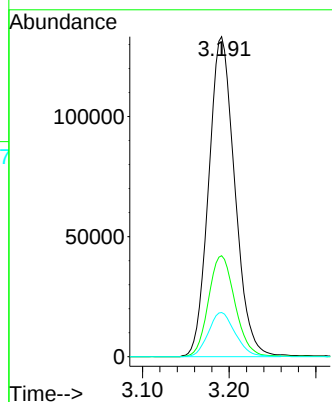
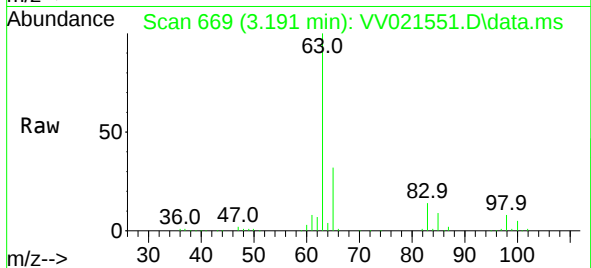




#19
1,1-Dichloroethane
Concen: 48.721 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

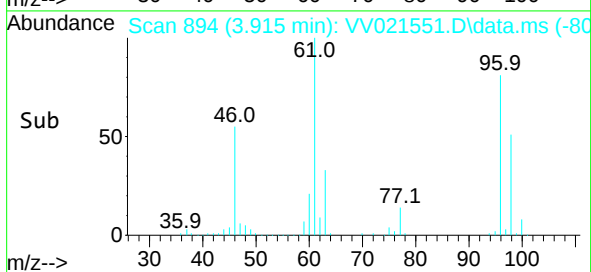
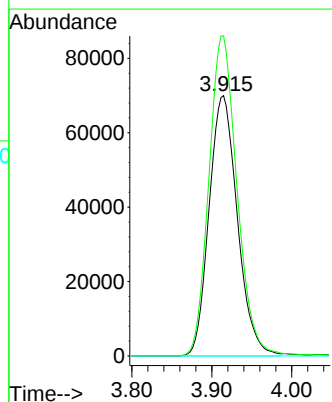
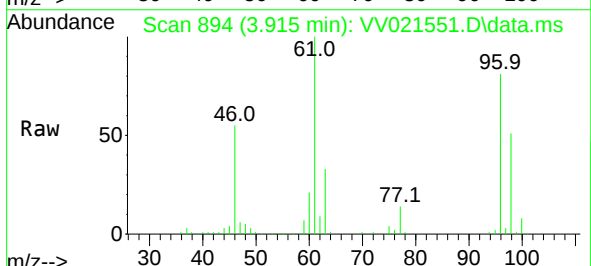
Instrument :
MSVOA_V
ClientSampleId :

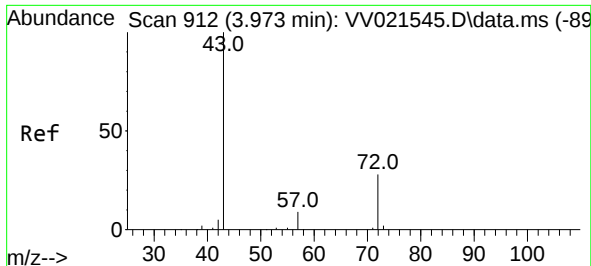
Tgt Ion: 63	Resp: 279095
Ion Ratio	Lower Upper
63 100	
65 31.5	22.5 41.7
83 13.8	10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 47.526 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 96	Resp: 171878
Ion Ratio	Lower Upper
96 100	
61 122.9	82.4 153.0
68 0.0	0.0 0.0

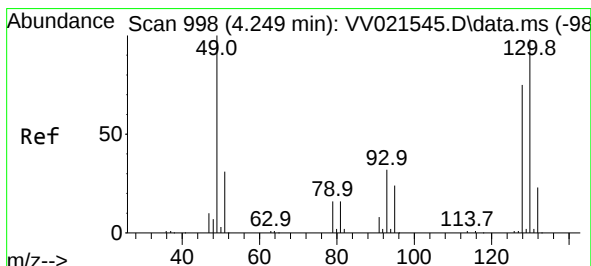
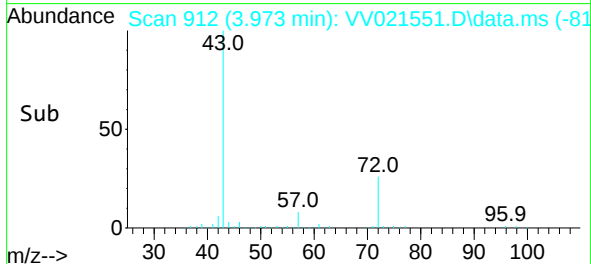
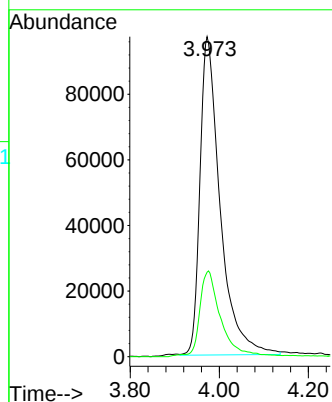
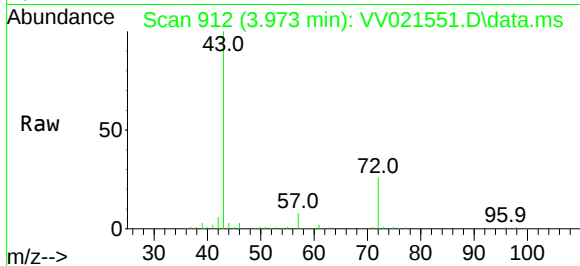




#22
2-Butanone
Concen: 122.957 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

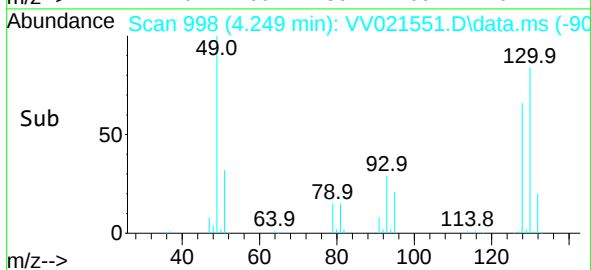
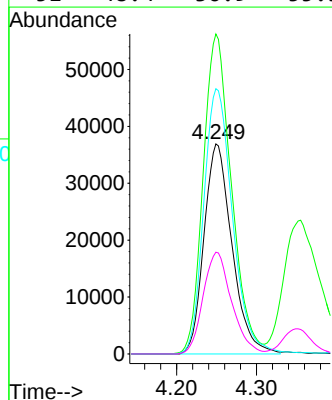
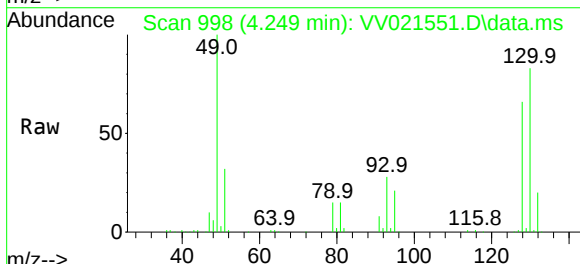
Instrument :
MSVOA_V
ClientSampled :

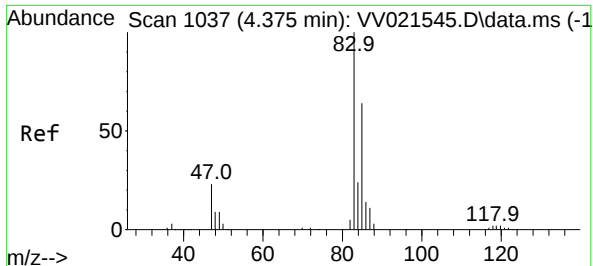
Tgt Ion: 43 Resp: 305460
Ion Ratio Lower Upper
43 100
72 25.6 13.1 39.1



#23
Bromochloromethane
Concen: 44.864 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 128 Resp: 89863
Ion Ratio Lower Upper
128 100
49 152.3 96.8 179.8
130 126.2 90.2 167.6
51 48.4 36.9 55.3





#25

Chloroform

Concen: 49.017 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021551.D

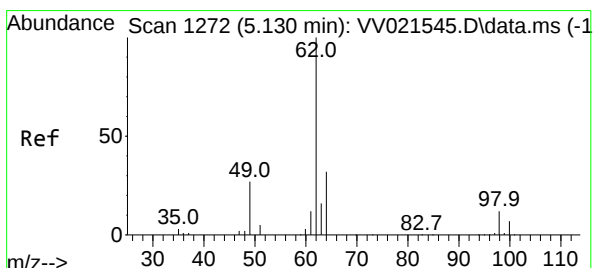
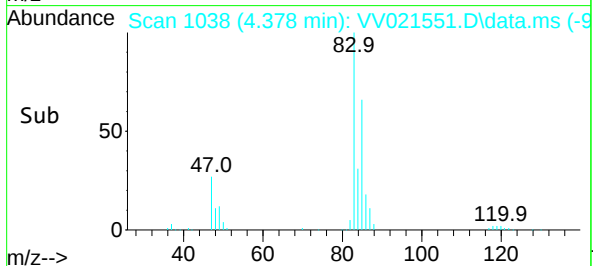
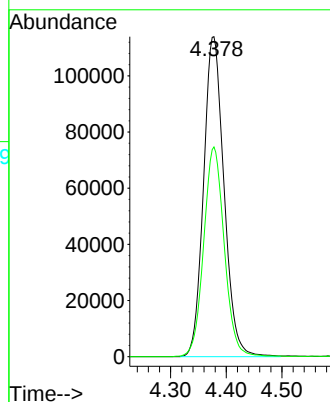
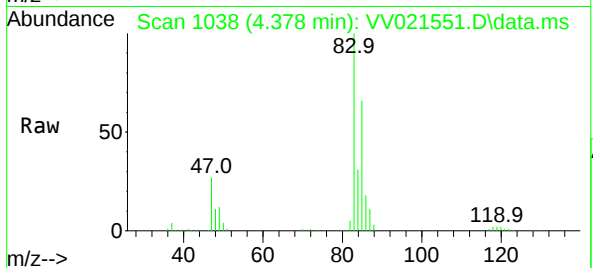
Acq: 23 Jun 2021 11:34

Tgt Ion: 83 Resp: 290579

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.924 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV021551.D

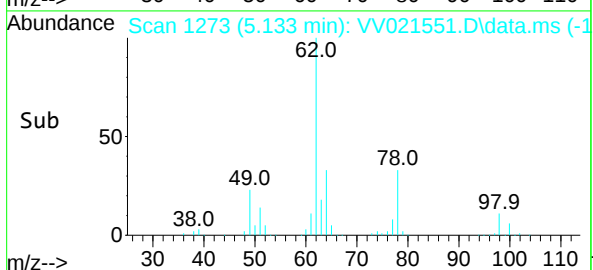
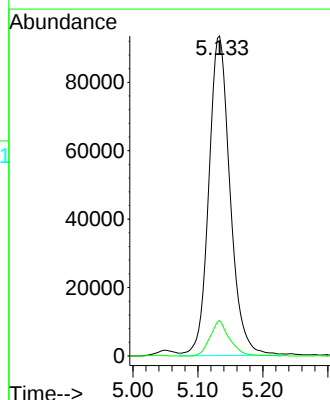
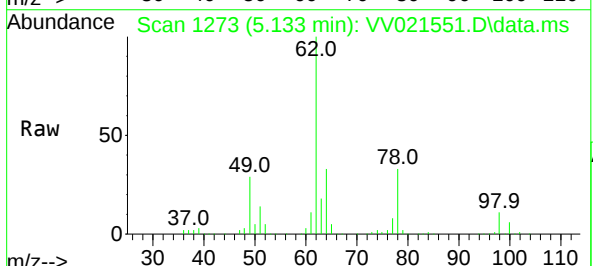
Acq: 23 Jun 2021 11:34

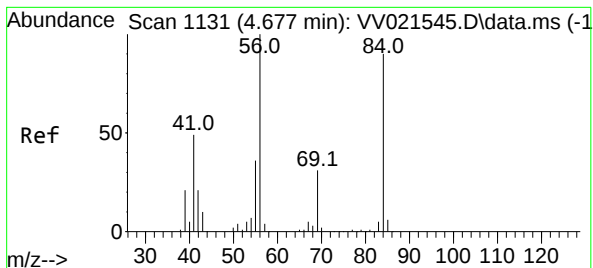
Tgt Ion: 62 Resp: 212646

Ion Ratio Lower Upper

62 100

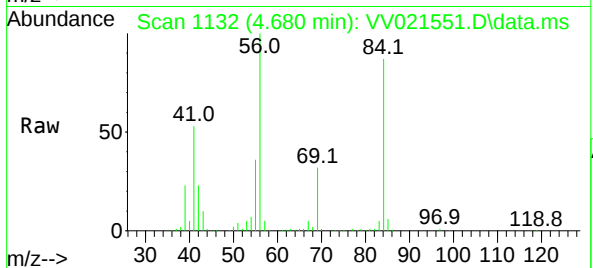
98 11.0 8.6 12.8



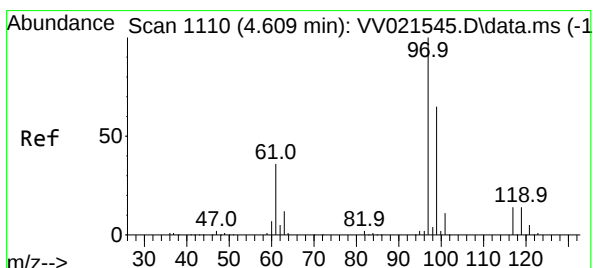
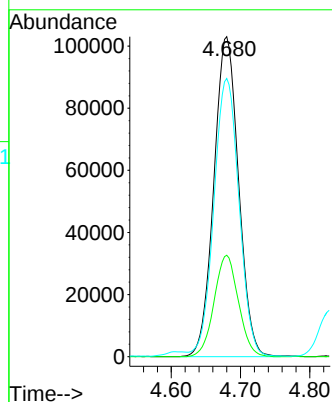
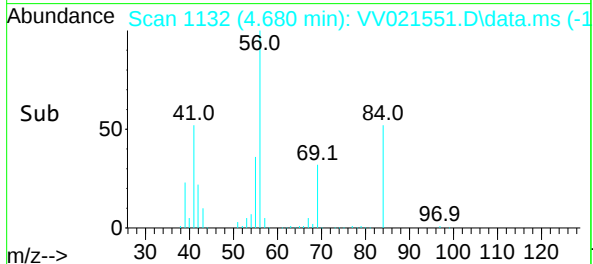


#29
Cyclohexane
Concen: 48.696 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

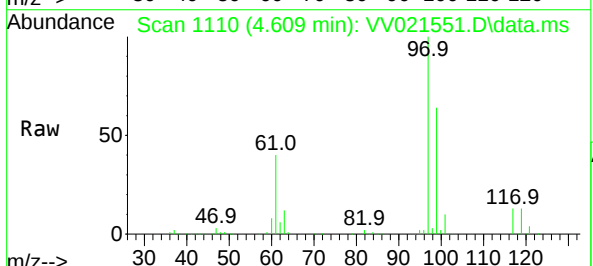
Instrument :
MSVOA_V
ClientSampled :



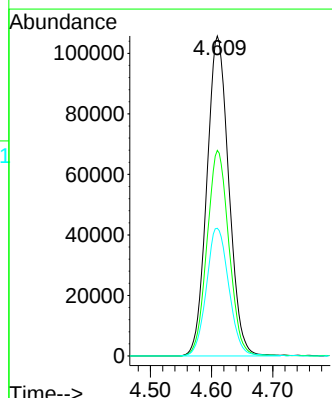
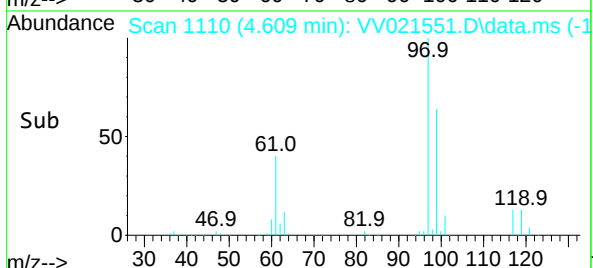
Tgt Ion: 56 Resp: 255474
Ion Ratio Lower Upper
56 100
69 31.2 24.9 37.3
84 87.9 73.7 110.5

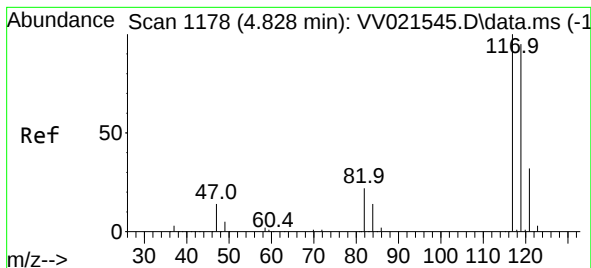


#30
1,1,1-Trichloroethane
Concen: 47.379 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34



Tgt Ion: 97 Resp: 263379
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 40.9 30.2 45.4

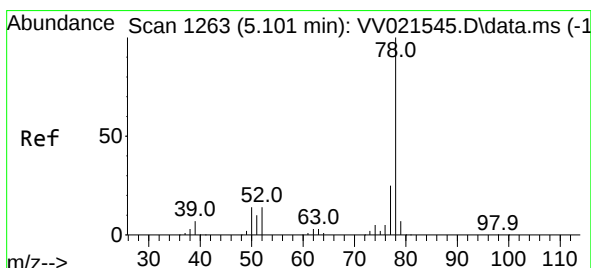
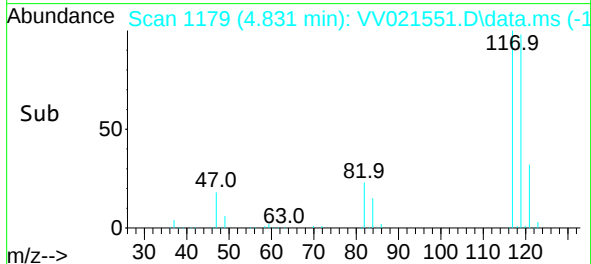
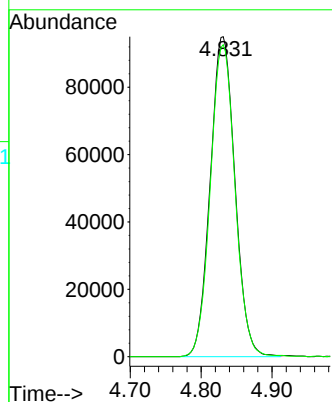
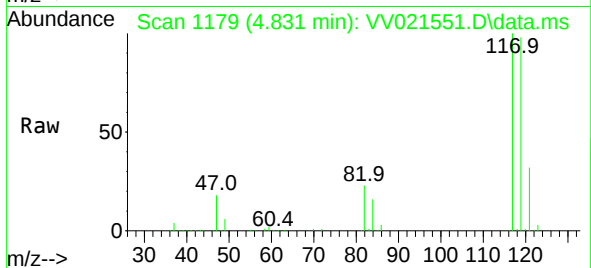




#31
Carbon tetrachloride
Concen: 45.650 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

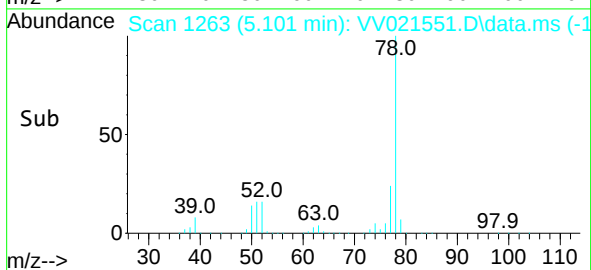
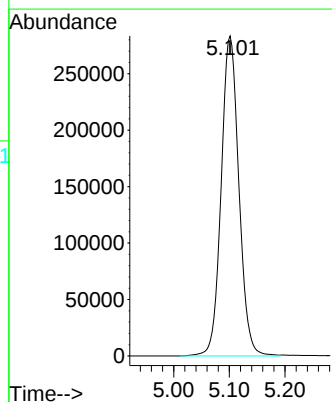
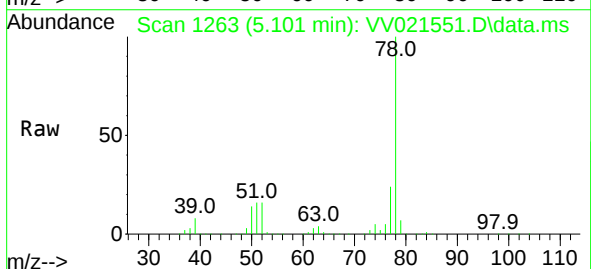
Instrument :
MSVOA_V
ClientSampled :

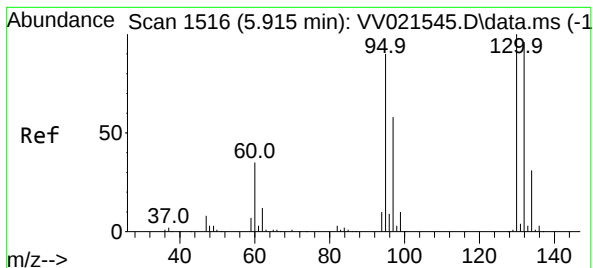
Tgt Ion:117 Resp: 230374
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2



#33
Benzene
Concen: 48.591 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 78 Resp: 626289





#34

Trichloroethene

Concen: 47.835 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV021551.D

Acq: 23 Jun 2021 11:34

Tgt Ion: 95 Resp: 167591

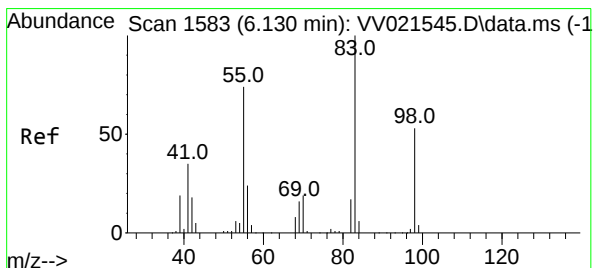
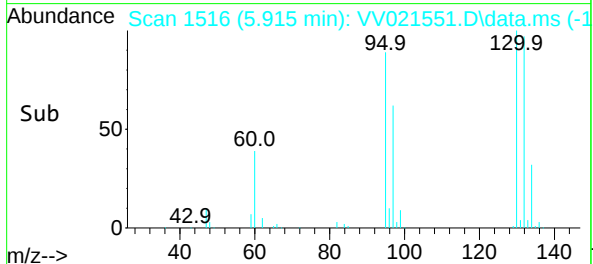
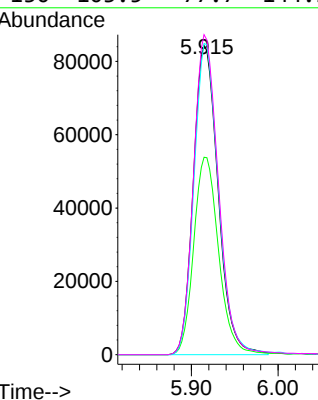
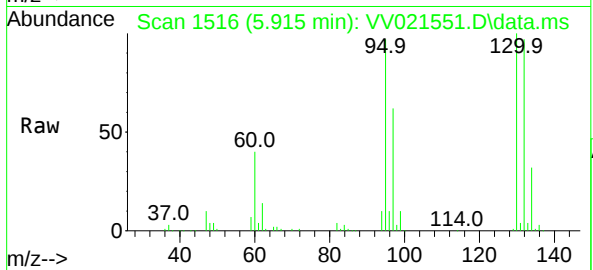
Ion Ratio Lower Upper

95 100

97 63.9 44.3 82.3

132 100.7 73.2 136.0

130 103.5 77.7 144.3



#35

Methylcyclohexane

Concen: 46.758 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV021551.D

Acq: 23 Jun 2021 11:34

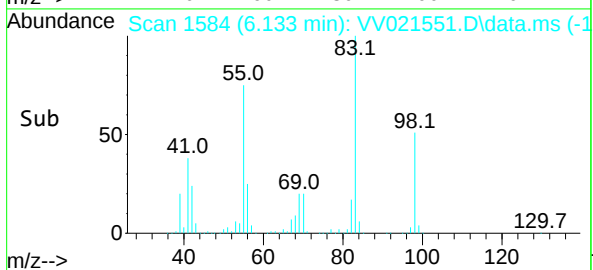
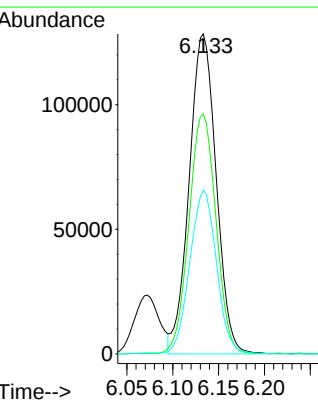
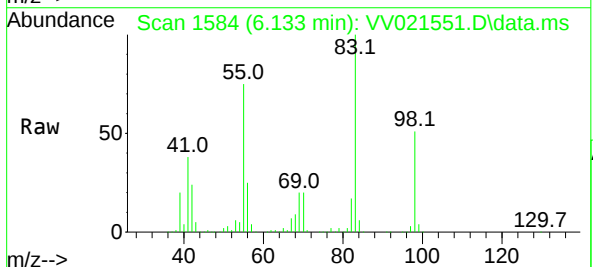
Tgt Ion: 83 Resp: 262970

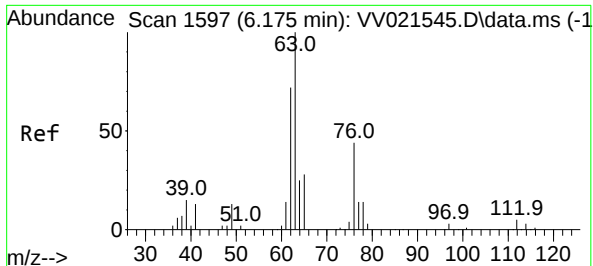
Ion Ratio Lower Upper

83 100

55 75.1 58.0 87.0

98 50.8 40.8 61.2

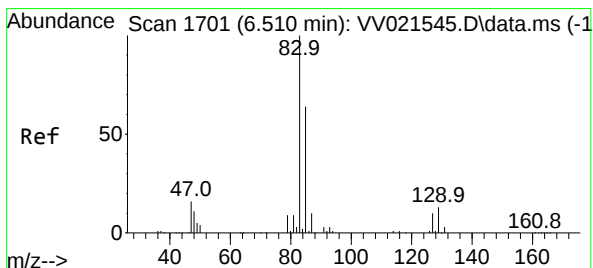
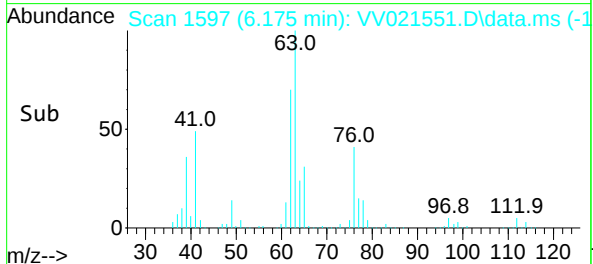
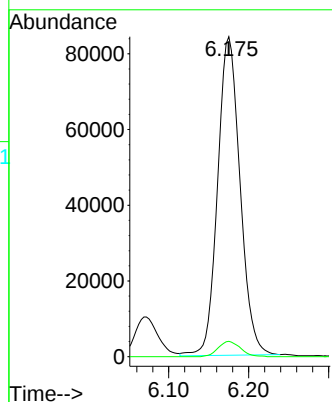
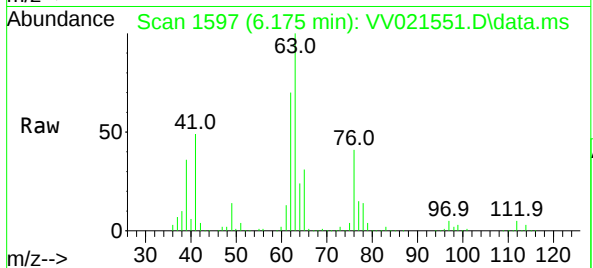




#37
1,2-Dichloropropane
Concen: 49.846 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

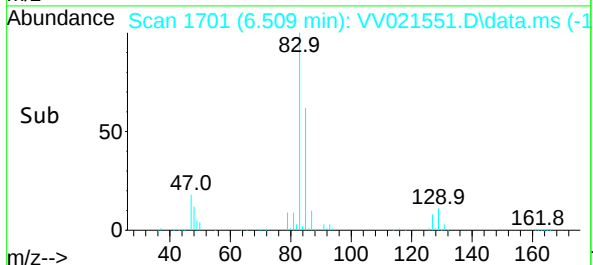
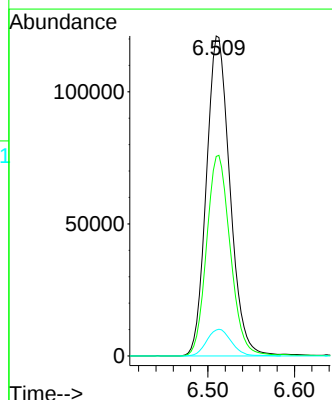
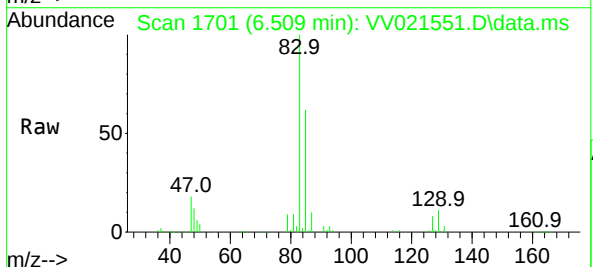
Instrument :
MSVOA_V
ClientSampleId :

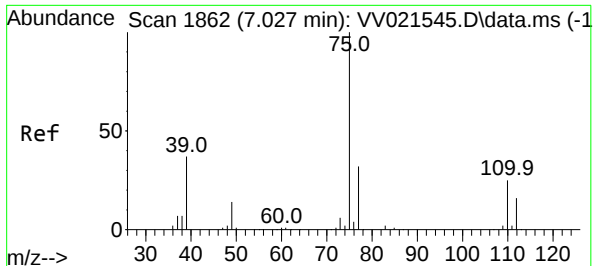
Tgt Ion: 63 Resp: 163812
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0



#38
Bromodichloromethane
Concen: 49.552 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 83 Resp: 228509
Ion Ratio Lower Upper
83 100
85 62.3 44.6 82.8
127 8.1 7.6 11.4

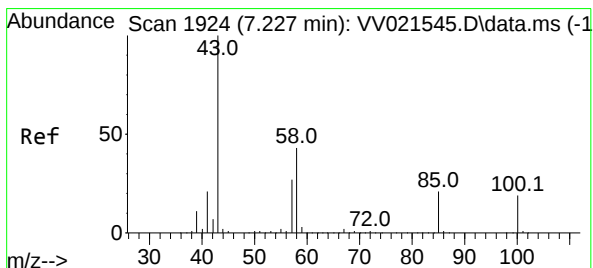
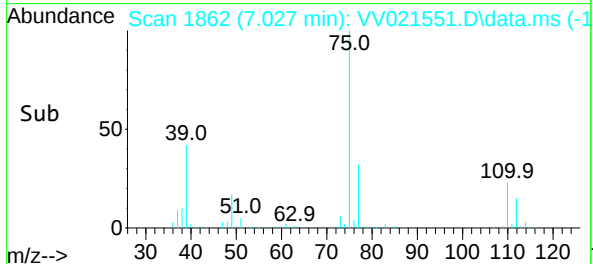
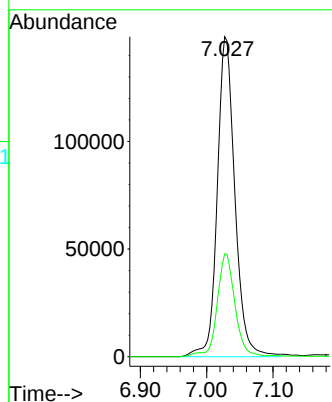
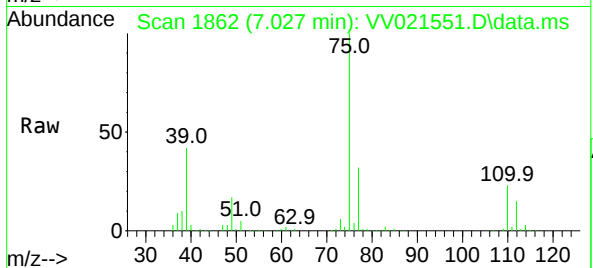




#39
 cis-1,3-Dichloropropene
 Concen: 49.617 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

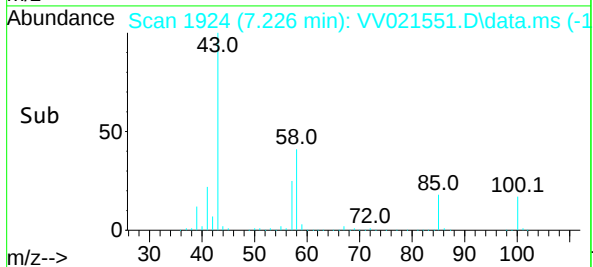
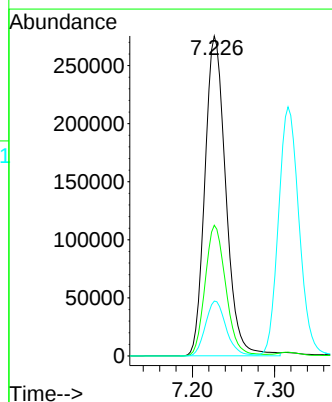
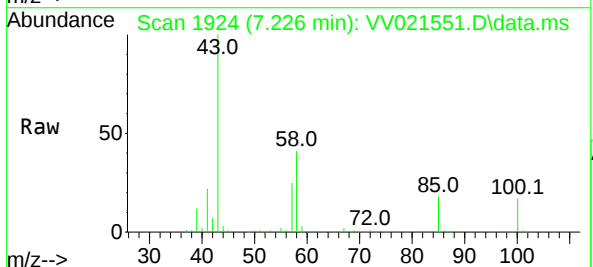
Instrument :
 MSVOA_V
 ClientSampled :

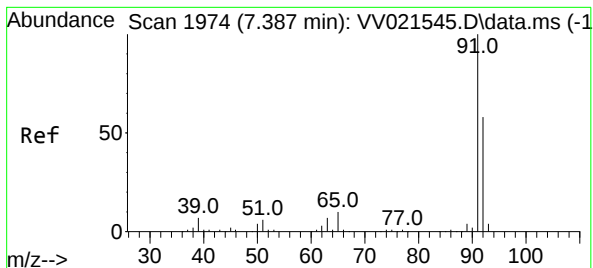
Tgt Ion: 75 Resp: 274147
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 109.572 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021551.D
 Acq: 23 Jun 2021 11:34

Tgt Ion: 43 Resp: 488244
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3
 100 17.0 14.8 22.2





#42

Toluene

Concen: 47.171 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021551.D

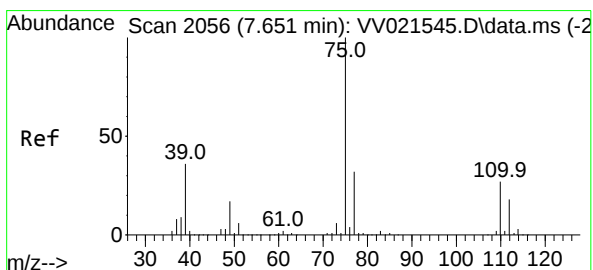
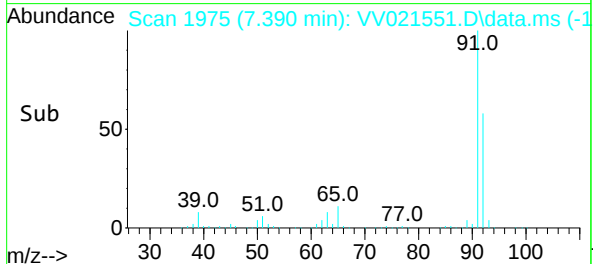
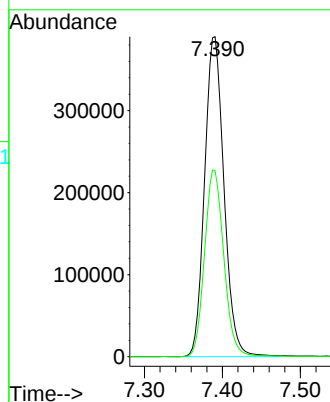
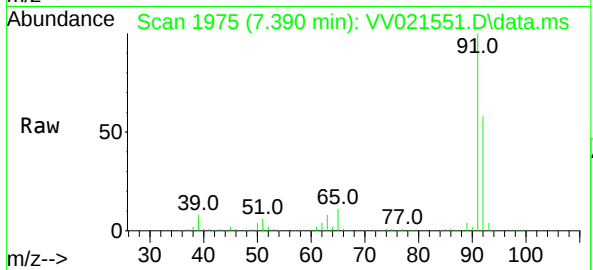
Acq: 23 Jun 2021 11:34

Tgt Ion: 91 Resp: 674474

Ion Ratio Lower Upper

91 100

92 58.1 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 49.431 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV021551.D

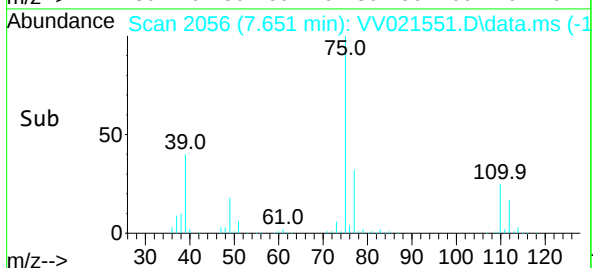
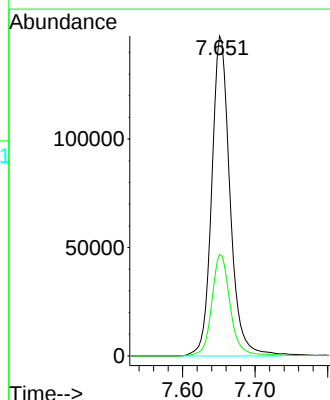
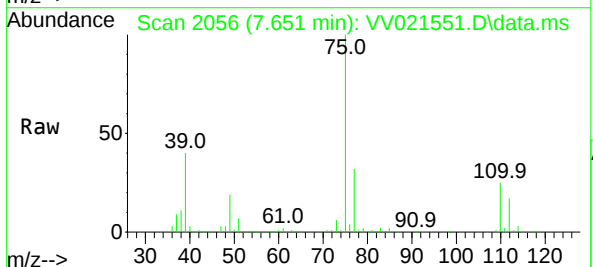
Acq: 23 Jun 2021 11:34

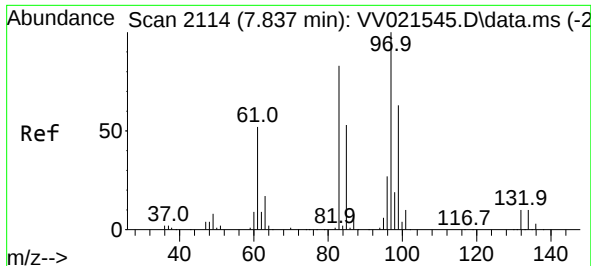
Tgt Ion: 75 Resp: 258377

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5



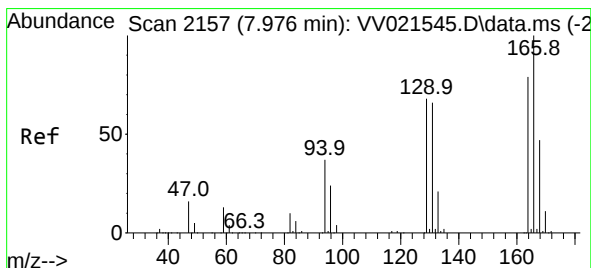
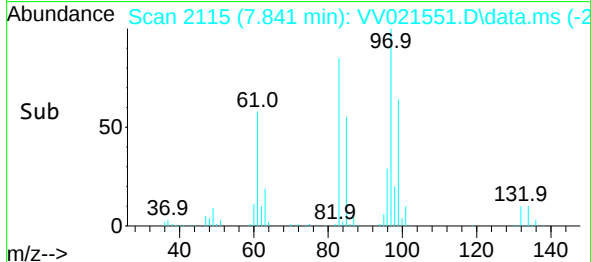
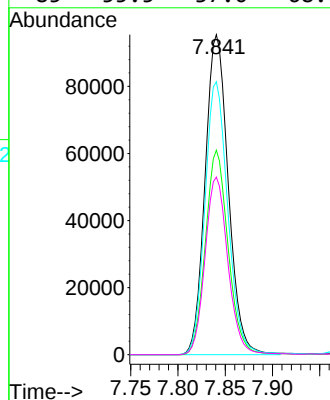
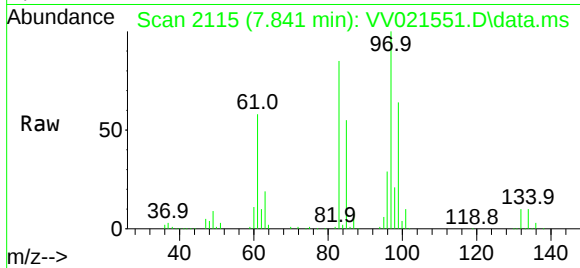


#45
1,1,2-Trichloroethane
Concen: 48.833 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 162879

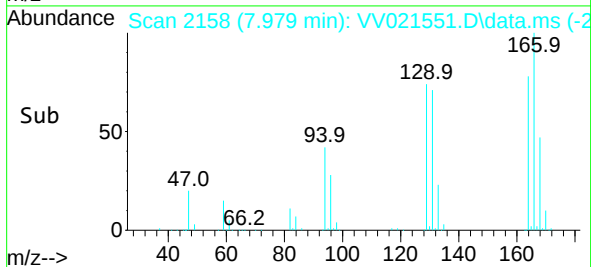
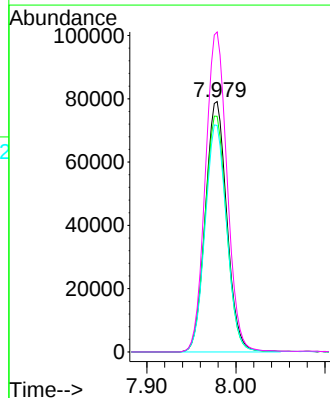
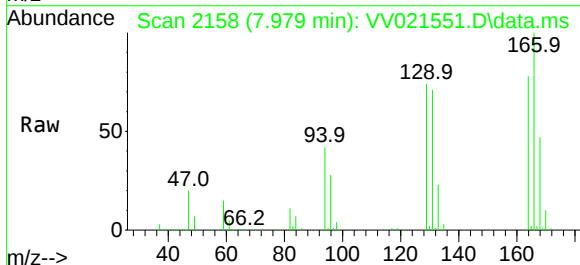
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.7	81.1
83	85.3	57.1	106.1
85	55.5	37.0	68.6

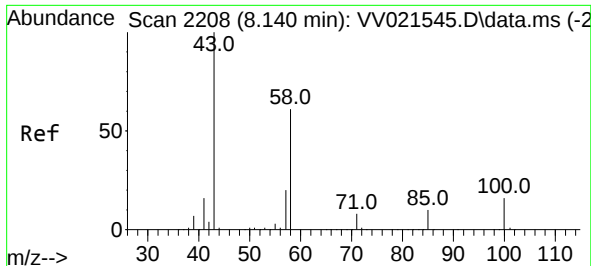


#46
Tetrachloroethene
Concen: 41.204 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 164 Resp: 132722

Ion	Ratio	Lower	Upper
164	100		
129	94.2	60.5	112.3
131	90.5	58.7	108.9
166	127.8	88.1	163.5

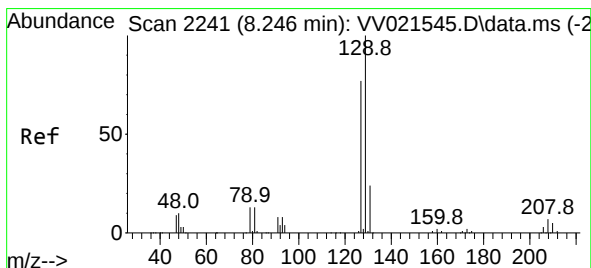
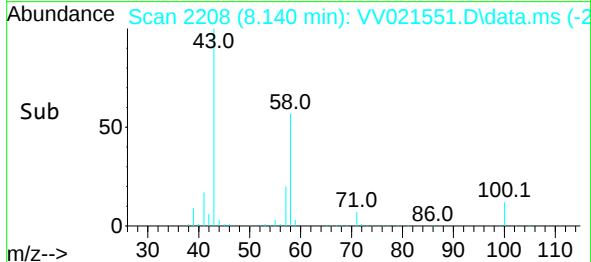
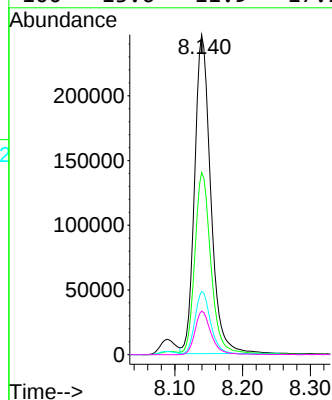
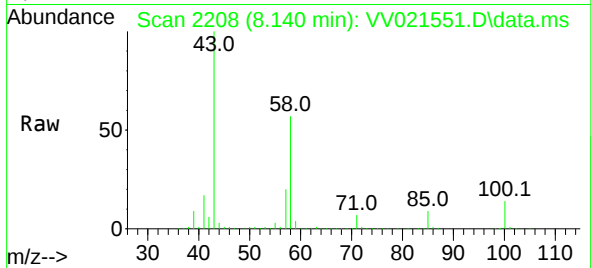




#48
2-Hexanone
Concen: 119.004 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

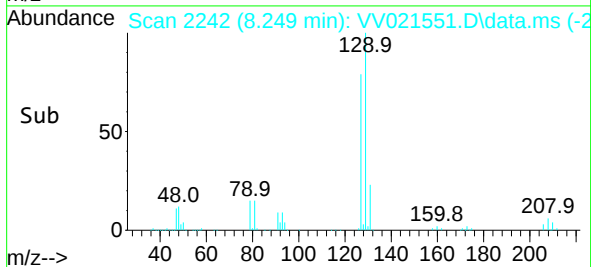
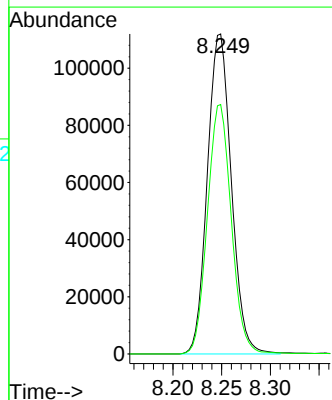
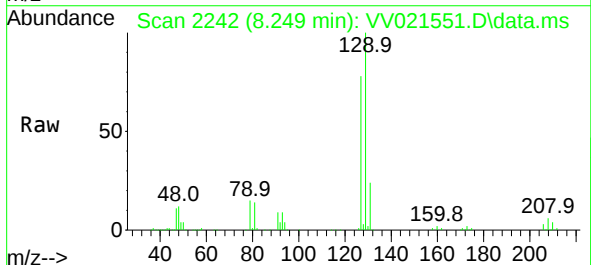
Instrument :
MSVOA_V
ClientSampled :

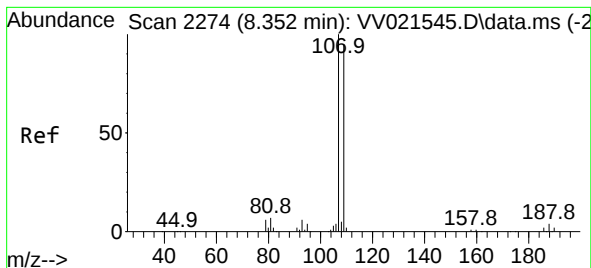
Tgt Ion: 43	Resp: 406693
Ion Ratio	Lower Upper
43 100	
58 56.2	47.1 70.7
57 19.1	16.0 24.0
100 13.6	11.9 17.9



#49
Dibromochloromethane
Concen: 45.898 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

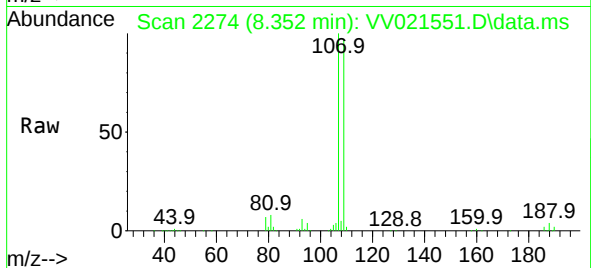
Tgt Ion:129	Resp: 191700
Ion Ratio	Lower Upper
129 100	
127 77.9	53.0 98.4



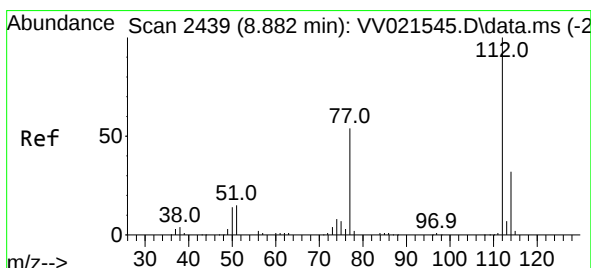
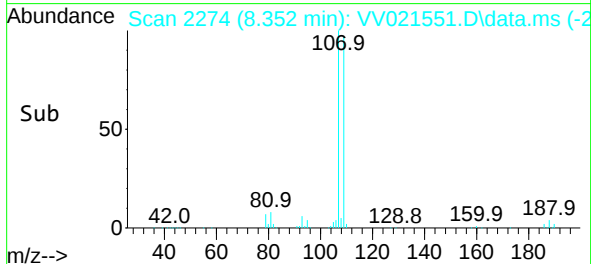
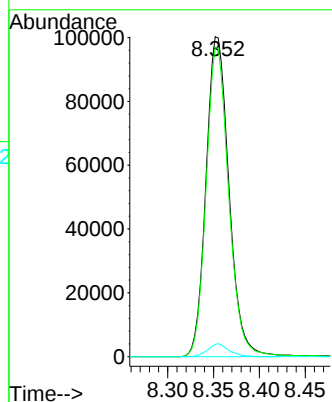


#50
1,2-Dibromoethane
Concen: 47.560 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :

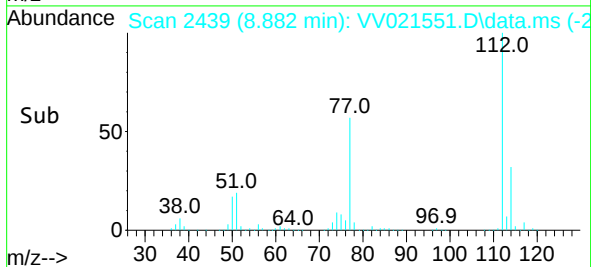
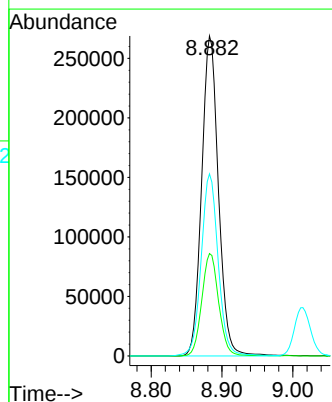
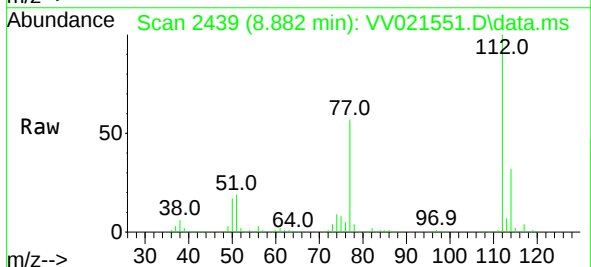


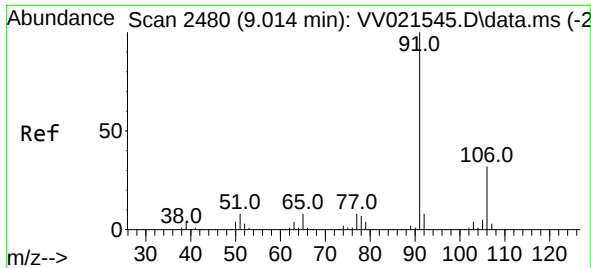
Tgt Ion:107 Resp: 174597
Ion Ratio Lower Upper
107 100
109 96.8 66.7 123.9
188 3.9 3.8 5.8



#51
Chlorobenzene
Concen: 46.812 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion:112 Resp: 442522
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 56.9 43.8 65.6

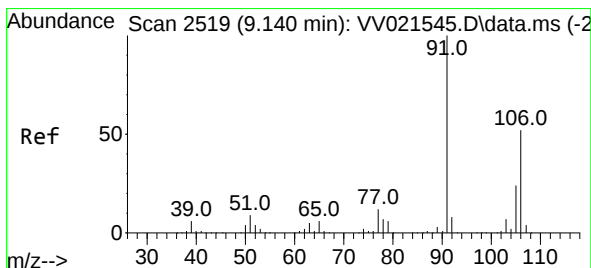
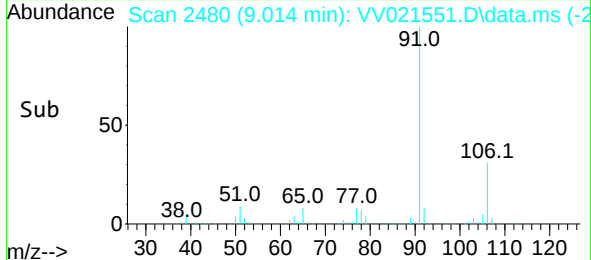
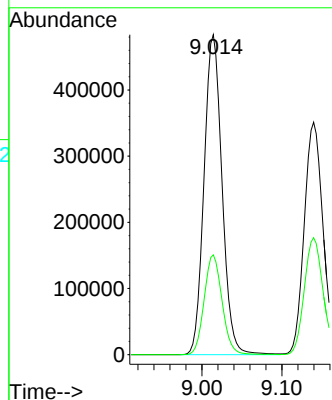
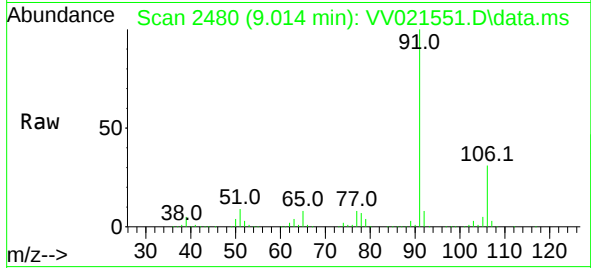




#52
Ethylbenzene
Concen: 48.294 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

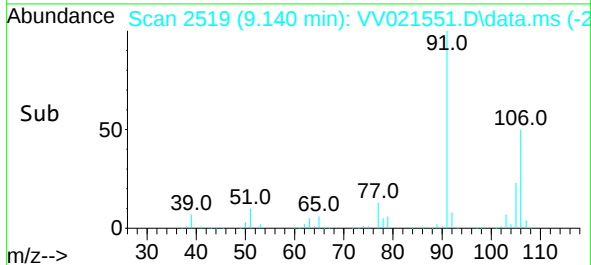
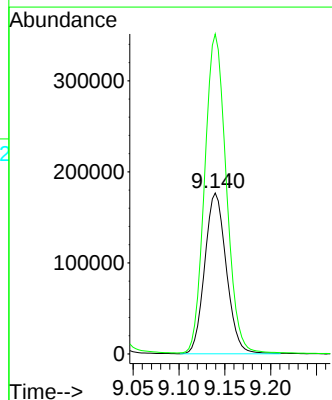
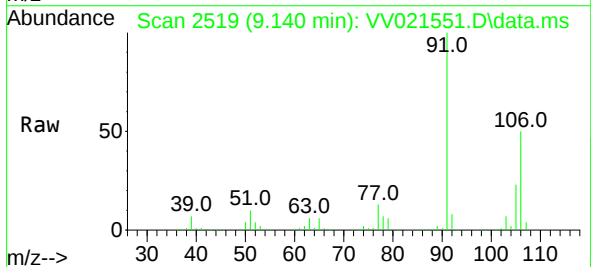
Instrument :
MSVOA_V
ClientSampled :

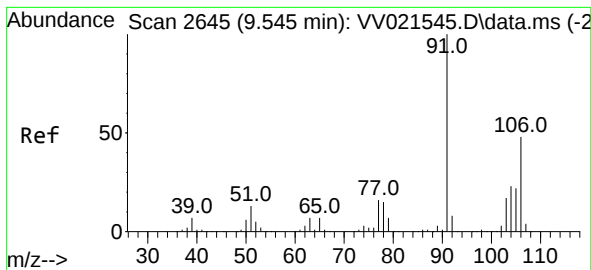
Tgt Ion: 91 Resp: 758441
Ion Ratio Lower Upper
91 100
106 31.2 22.4 41.6



#53
m,p-Xylene
Concen: 47.873 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 106 Resp: 288878
Ion Ratio Lower Upper
106 100
91 198.7 139.4 258.8





#54

o-Xylene

Concen: 48.027 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. -0.000 min

Lab File: VV021551.D

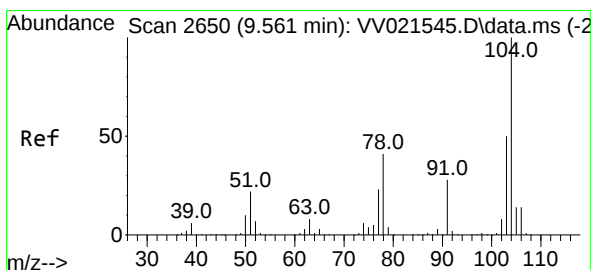
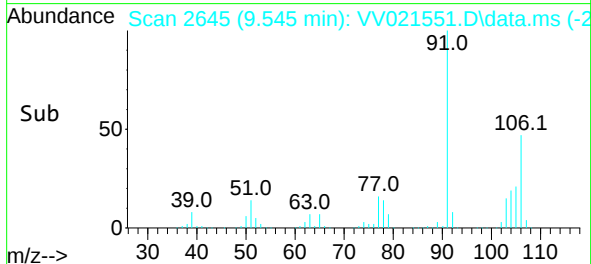
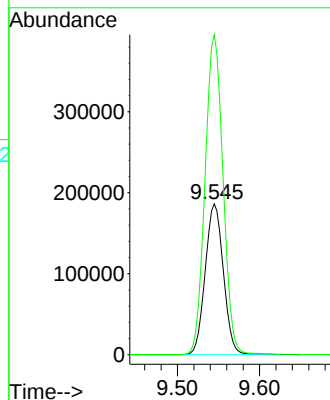
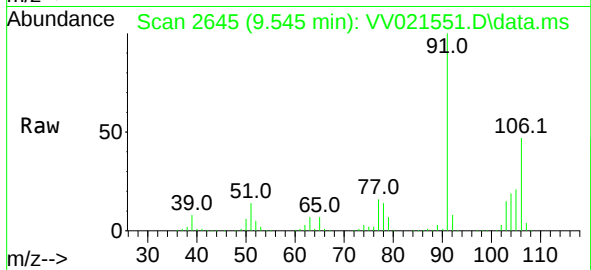
Acq: 23 Jun 2021 11:34

Tgt Ion:106 Resp: 286147

Ion Ratio Lower Upper

106 100

91 212.0 148.5 275.9



#55

Styrene

Concen: 47.657 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. -0.000 min

Lab File: VV021551.D

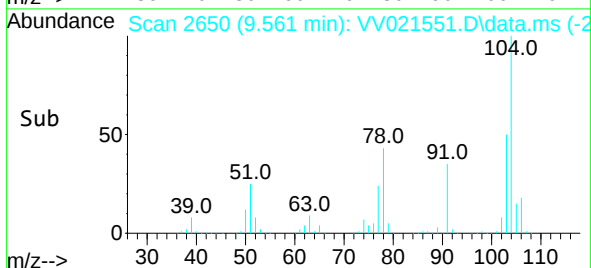
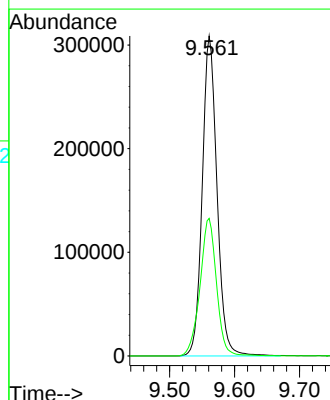
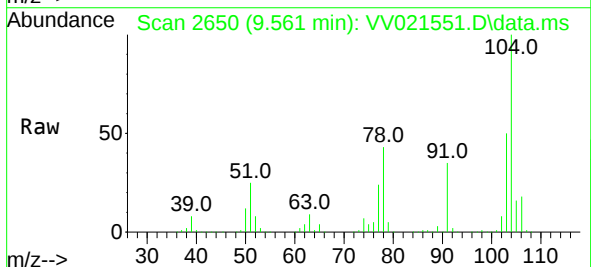
Acq: 23 Jun 2021 11:34

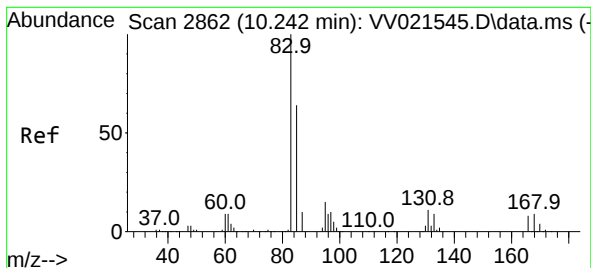
Tgt Ion:104 Resp: 488685

Ion Ratio Lower Upper

104 100

78 43.0 30.3 56.3

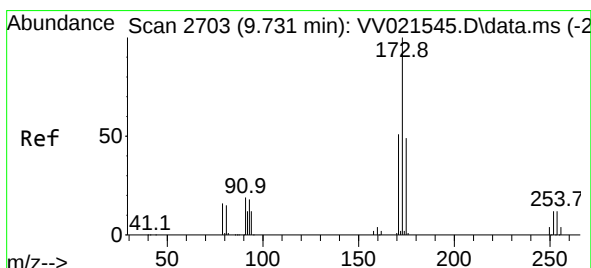
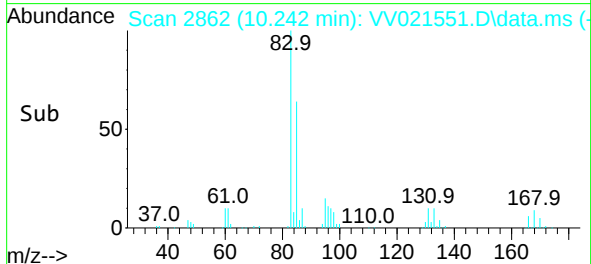
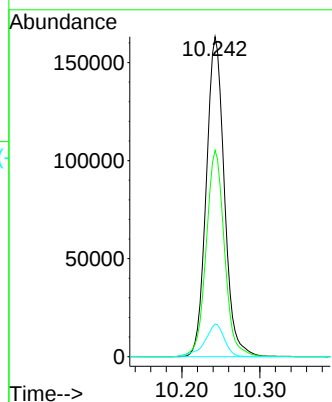
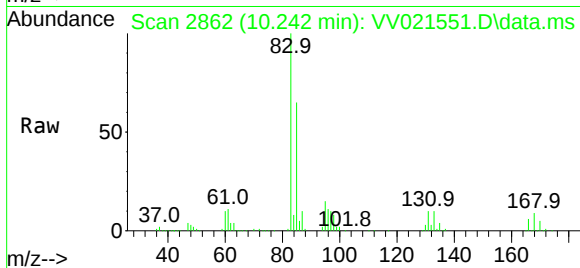




#57
1,1,2,2-Tetrachloroethane
Concen: 50.379 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

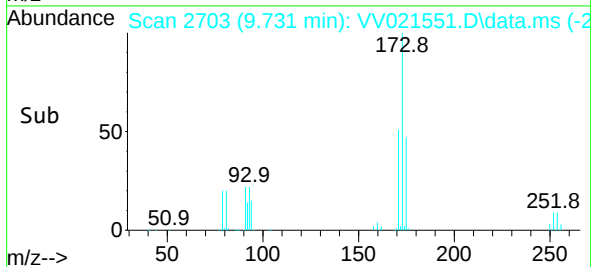
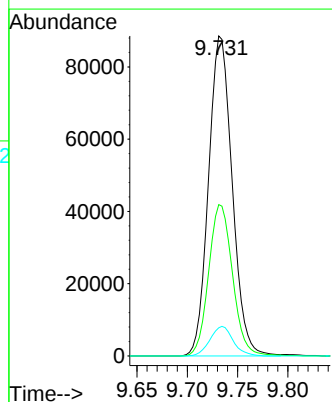
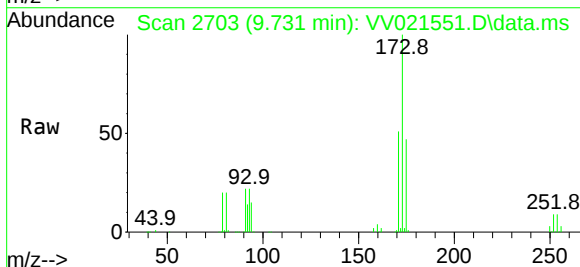
Instrument :
MSVOA_V
ClientSampleId :

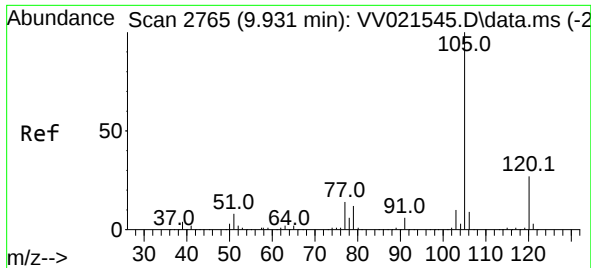
Tgt Ion: 83 Resp: 262301
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2
131 10.2 8.7 13.1



#59
Bromoform
Concen: 44.470 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 173 Resp: 145126
Ion Ratio Lower Upper
173 100
175 47.7 38.7 58.1
254 9.1 9.8 14.8#

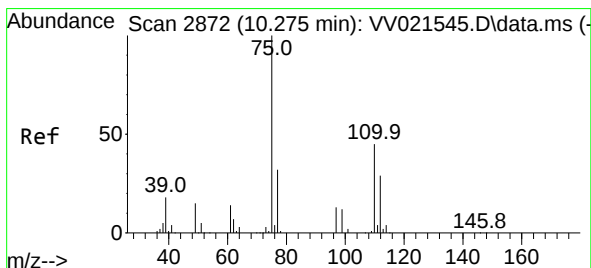
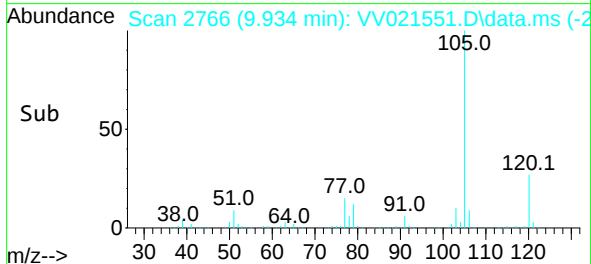
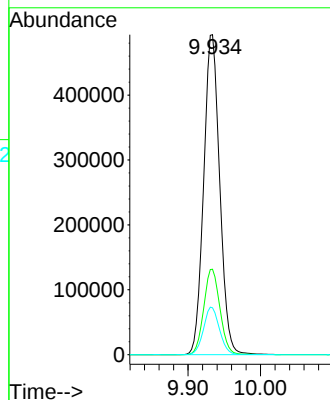
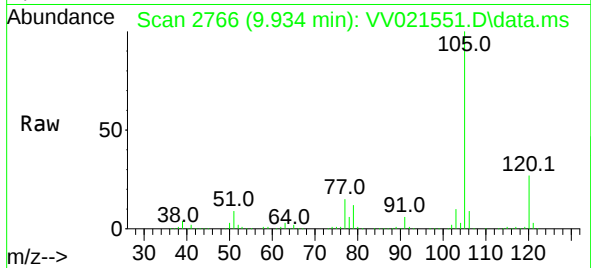




#60
Isopropylbenzene
Concen: 50.578 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

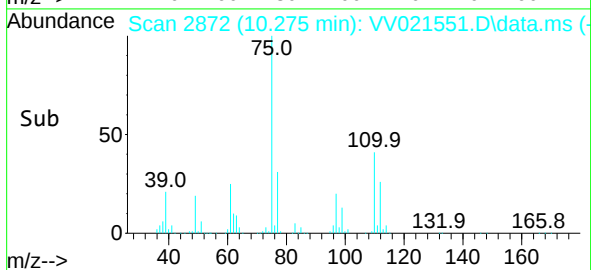
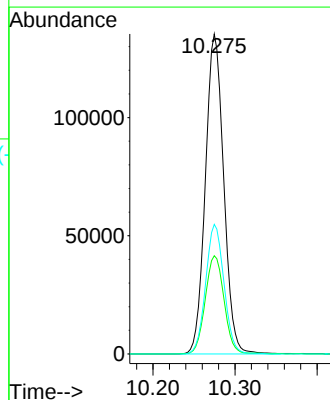
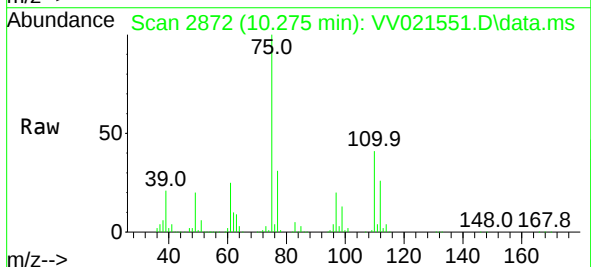
Instrument :
MSVOA_V
ClientSampleId :

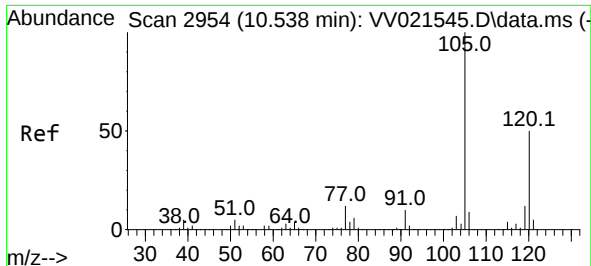
Tgt Ion:105 Resp: 758036
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 14.7 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 55.301 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 75 Resp: 210163
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9
110 40.4 34.8 52.2

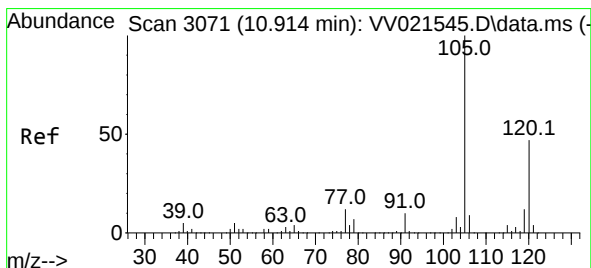
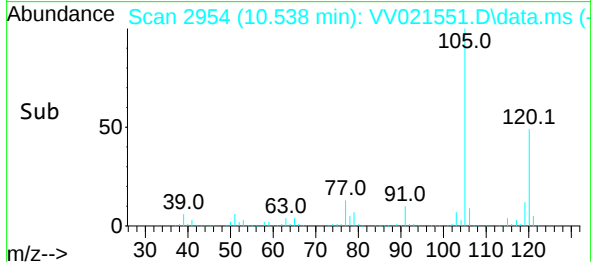
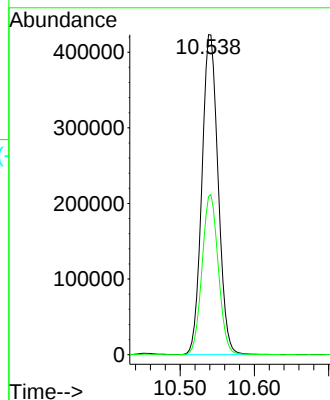
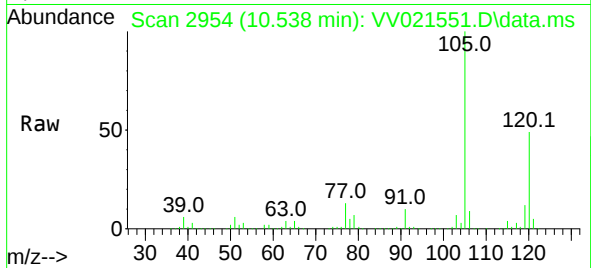




#62
1,3,5-Trimethylbenzene
Concen: 49.746 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

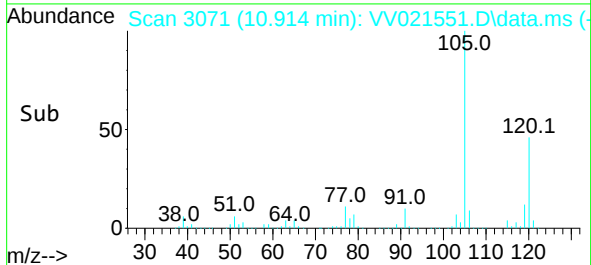
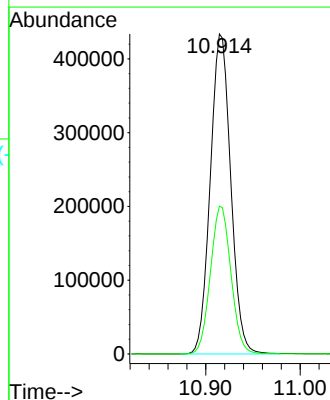
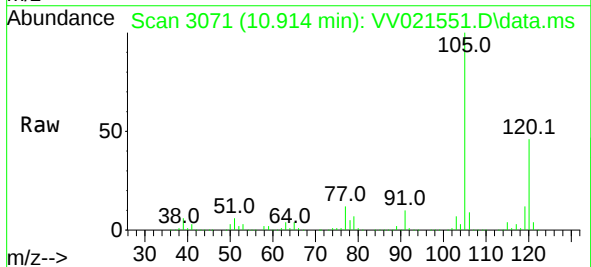
Instrument :
MSVOA_V
ClientSampled :

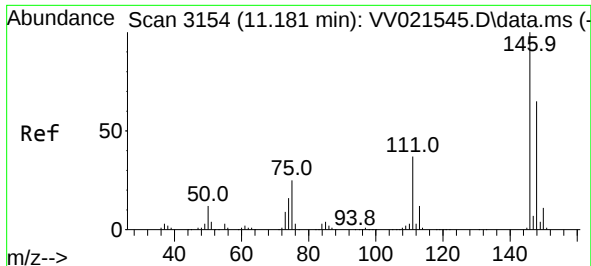
Tgt Ion:105 Resp: 641850
Ion Ratio Lower Upper
105 100
120 50.1 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 50.046 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion:105 Resp: 652305
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.4

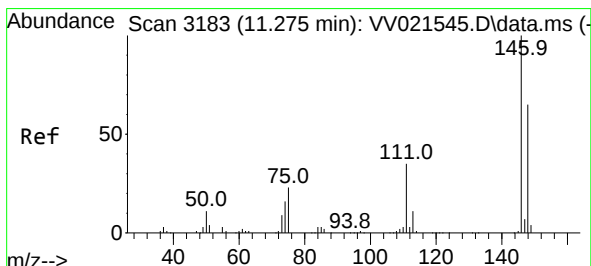
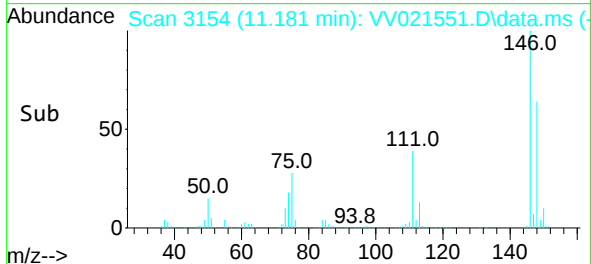
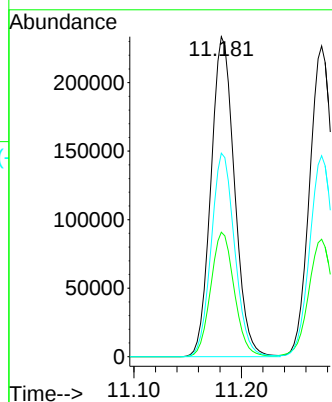
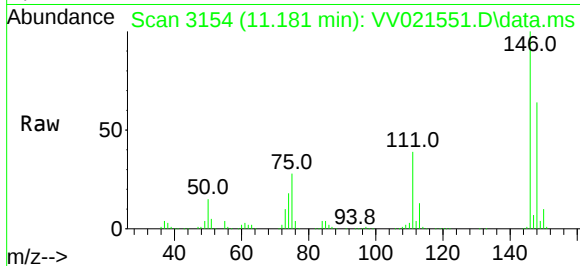




#64
1,3-Dichlorobenzene
Concen: 46.982 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

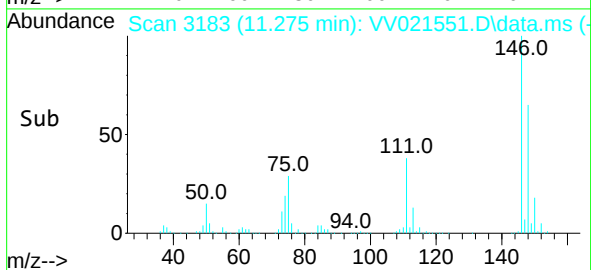
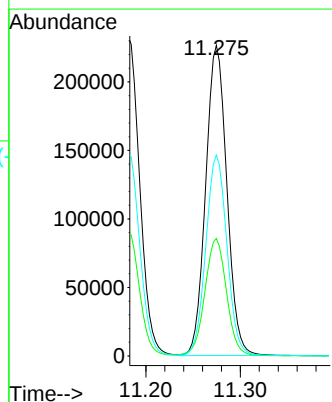
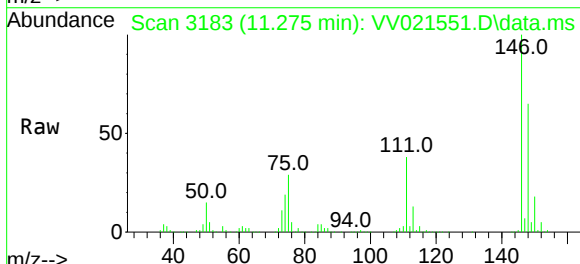
Instrument :
MSVOA_V
ClientSampleId :

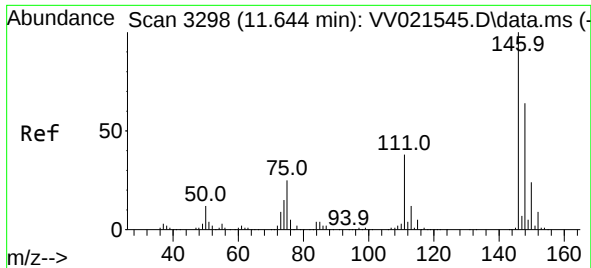
Tgt Ion:146 Resp: 355670
Ion Ratio Lower Upper
146 100
111 38.9 26.0 48.2
148 63.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 46.062 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion:146 Resp: 352057
Ion Ratio Lower Upper
146 100
111 37.8 25.4 47.2
148 64.7 45.4 84.4

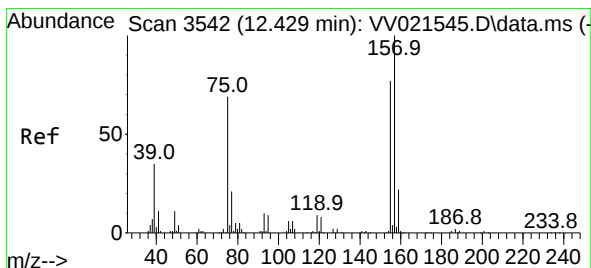
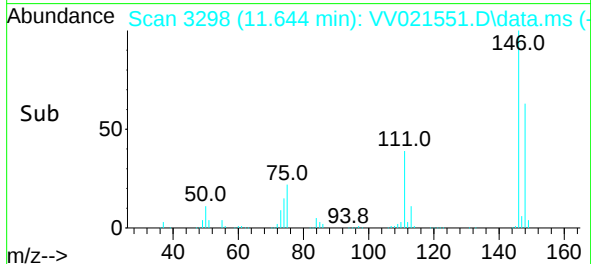
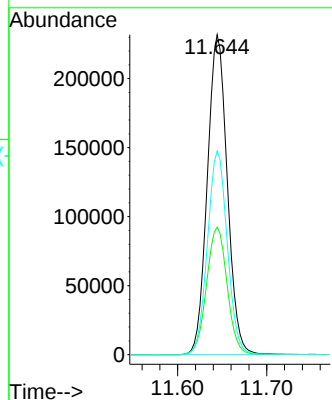
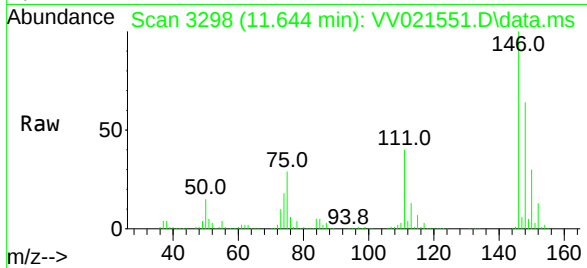




#67
1,2-Dichlorobenzene
Concen: 47.523 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

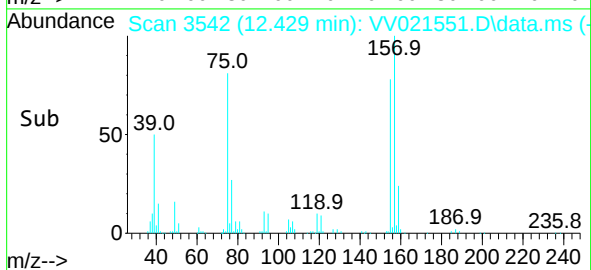
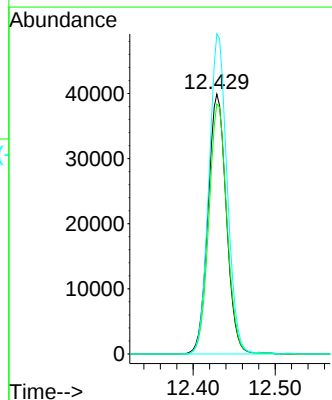
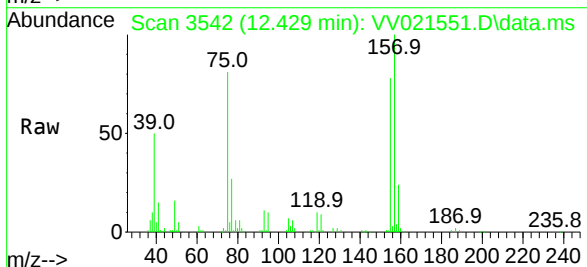
Instrument :
MSVOA_V
ClientSampleId :

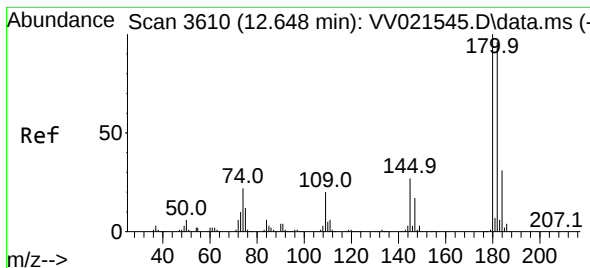
Tgt Ion:146 Resp: 360231
Ion Ratio Lower Upper
146 100
111 39.8 30.8 46.2
148 63.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 52.718 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion: 75 Resp: 62415
Ion Ratio Lower Upper
75 100
155 96.2 89.7 134.5
157 123.1 113.2 169.8





#69

1,3,5-Trichlorobenzene

Concen: 41.996 ug/L

RT: 12.647 min Scan# 3610

Delta R.T. -0.000 min

Lab File: VV021551.D

Acq: 23 Jun 2021 11:34

Tgt Ion:180 Resp: 268201

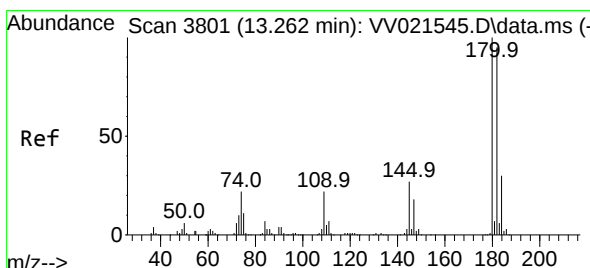
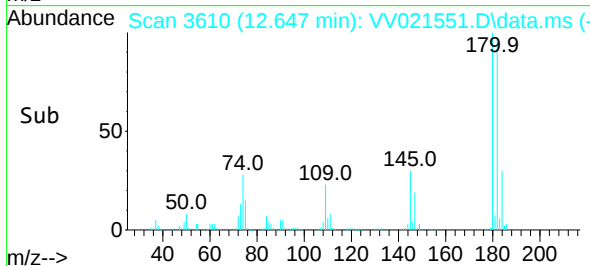
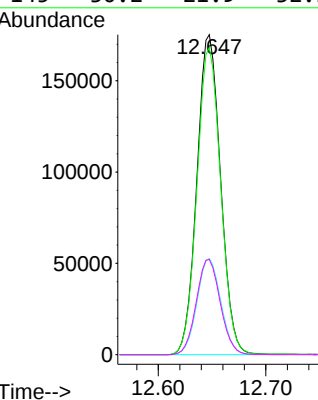
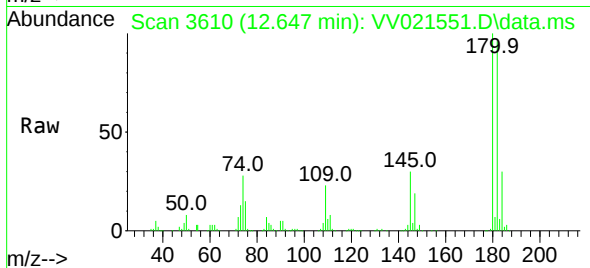
Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

184 30.2 24.3 36.5

145 30.2 21.9 32.9



#70

1,2,4-trichlorobenzene

Concen: 41.456 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV021551.D

Acq: 23 Jun 2021 11:34

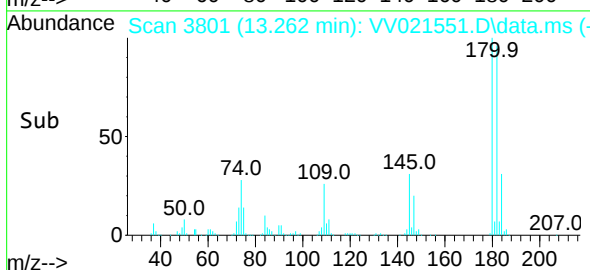
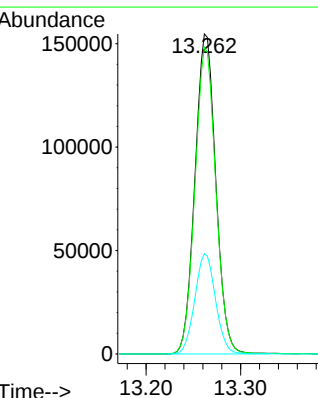
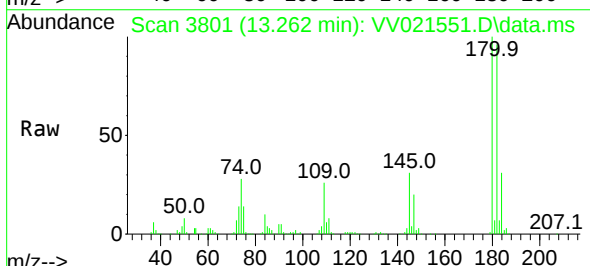
Tgt Ion:180 Resp: 236520

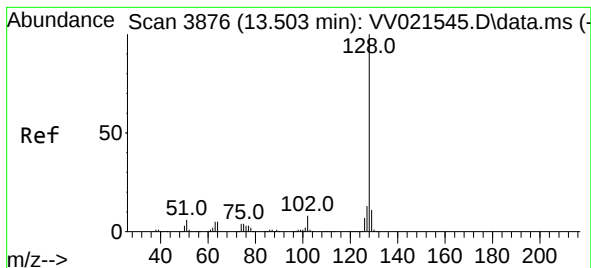
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 31.2 21.8 32.8

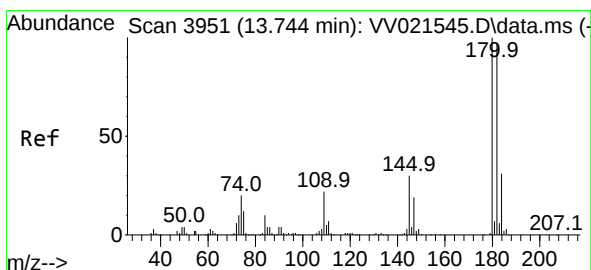
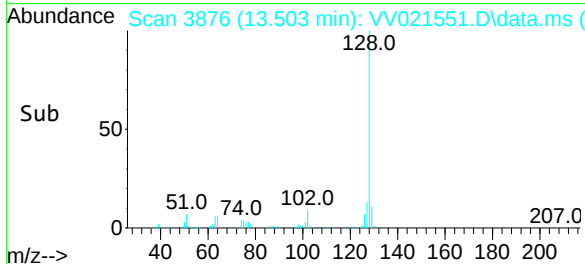
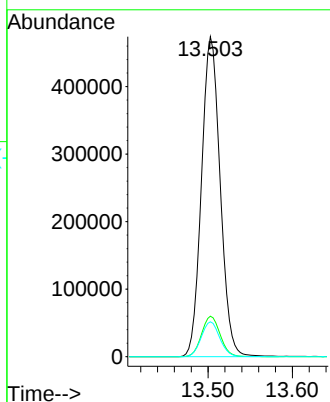
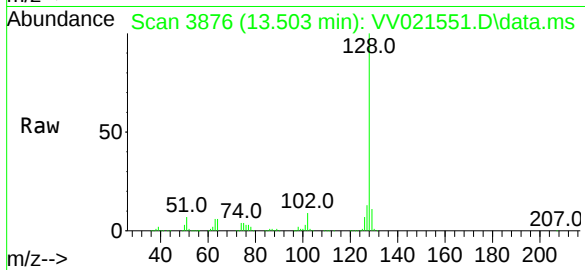




#71
Naphthalene
Concen: 46.536 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 732346
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 41.959 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021551.D
Acq: 23 Jun 2021 11:34

Tgt Ion:180 Resp: 233017
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 32.5 24.0 36.0

