

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090821\
 Data File : VV022119.D
 Acq On : 08 Sep 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 08:23:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	349339	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	332027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	175287	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80582	33.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.620%
7) Chloroethane-d5	1.561	69	72579	38.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.840%
11) 1,1-Dichloroethene-d2	2.105	63	172195	43.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
21) 2-Butanone-d5	3.873	46	158758	95.687	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.690%
24) Chloroform-d	4.346	84	199218	45.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	5.027	65	118096	45.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
32) Benzene-d6	5.047	84	377749	41.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.900%
36) 1,2-Dichloropropane-d6	6.069	67	123245	43.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.040%
41) Toluene-d8	7.313	98	351610	41.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.720%
43) trans-1,3-Dichloroprop...	7.622	79	57214	42.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.880%
47) 2-Hexanone-d5	8.085	63	106077	97.614	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.610%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	176069	48.541	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	11.625	152	149316	43.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	100230	41.740	ug/L	100
3) Chloromethane	1.240	50	104614	41.143	ug/L	100
5) Vinyl chloride	1.310	62	111307	43.431	ug/L	98
6) Bromomethane	1.510	94	73333	47.593	ug/L	99
8) Chloroethane	1.577	64	75422	47.043	ug/L	99
9) Trichlorofluoromethane	1.748	101	178997	49.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	110557	51.647	ug/L	99
12) 1,1-Dichloroethene	2.114	96	98806	49.034	ug/L	87
13) Acetone	2.426	43	127751	91.897	ug/L	100
14) Carbon disulfide	2.291	76	257065	42.279	ug/L	99
15) Methyl Acetate	2.426	43	130044	48.036	ug/L	99
16) Methylene chloride	2.503	84	128166	47.473	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	111711	45.851	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	373179	48.200	ug/L	99
19) 1,1-Dichloroethane	3.188	63	215796	49.730	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	130414	48.093	ug/L	99
22) 2-Butanone	3.953	43	196353	100.484	ug/L	99
23) Bromochloromethane	4.243	128	69309	47.993	ug/L	97
25) Chloroform	4.371	83	224301	48.830	ug/L	98

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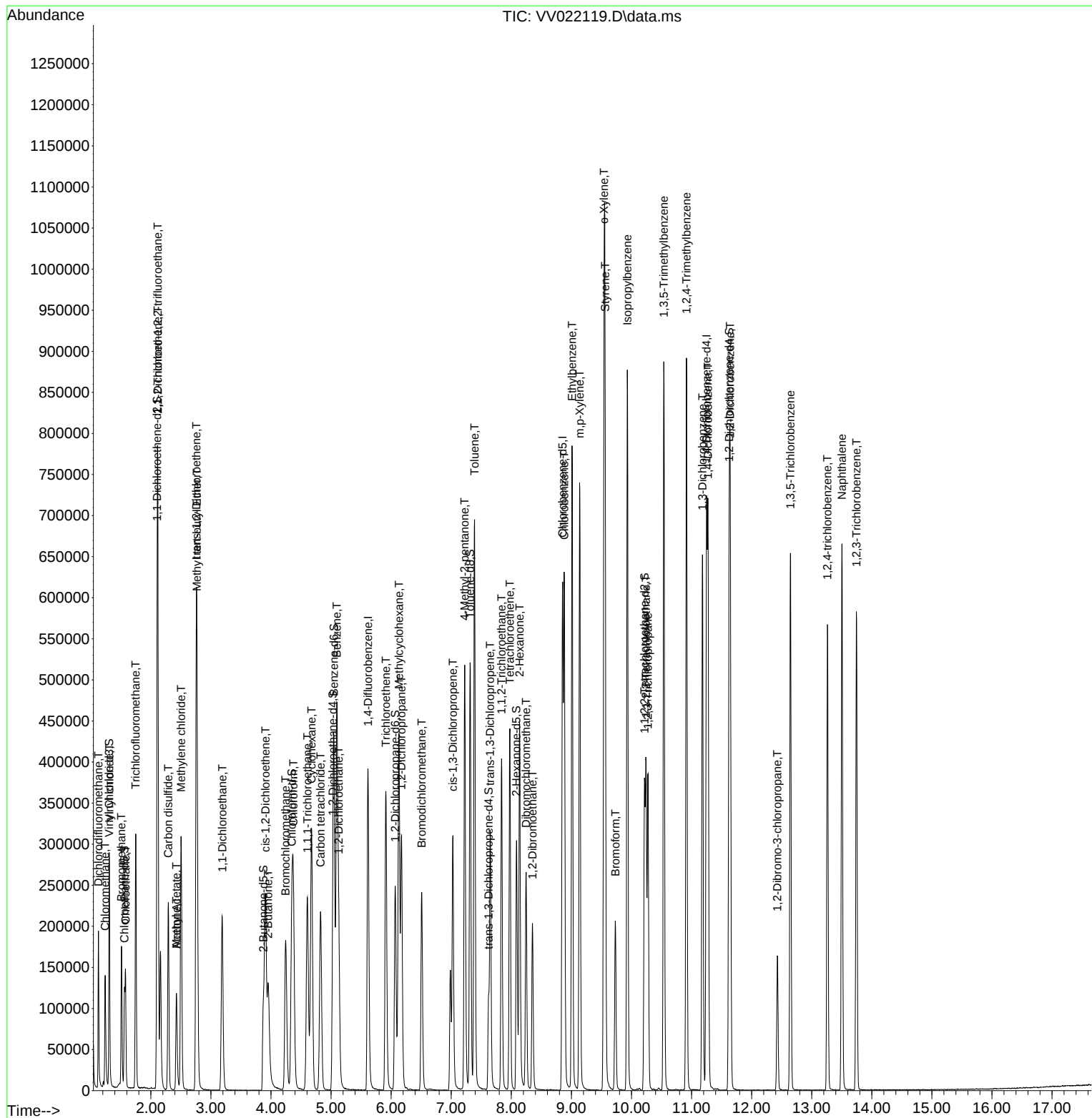
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	158485	51.470	ug/L	99
29) Cyclohexane	4.674	56	173635	46.782	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	193064	48.925	ug/L	98
31) Carbon tetrachloride	4.825	117	165200	48.727	ug/L	99
33) Benzene	5.095	78	471191	48.777	ug/L	100
34) Trichloroethene	5.912	95	125832	45.986	ug/L	99
35) Methylcyclohexane	6.130	83	189422	47.353	ug/L	99
37) 1,2-Dichloropropane	6.172	63	122687	48.995	ug/L	99
38) Bromodichloromethane	6.506	83	160987	50.273	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	190568	49.292	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	336228	99.043	ug/L	99
42) Toluene	7.387	91	514773	49.374	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	179384	49.854	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	125085	49.094	ug/L	99
46) Tetrachloroethene	7.976	164	99590	46.808	ug/L	99
48) 2-Hexanone	8.137	43	270508	102.699	ug/L	98
49) Dibromochloromethane	8.246	129	134136	49.183	ug/L	99
50) 1,2-Dibromoethane	8.352	107	131776	48.191	ug/L	100
51) Chlorobenzene	8.883	112	333766	47.614	ug/L	97
52) Ethylbenzene	9.011	91	540762	47.913	ug/L	98
53) m,p-Xylene	9.137	106	210707	48.032	ug/L	99
54) o-Xylene	9.545	106	211125	48.641	ug/L	97
55) Styrene	9.561	104	364303	49.181	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	189065	51.216	ug/L	99
59) Bromoform	9.731	173	92220	49.535	ug/L	100
60) Isopropylbenzene	9.931	105	560187	50.860	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	153184	50.423	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	464491	50.233	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	475268	50.568	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	269218	48.141	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	271613	47.465	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	273670	49.286	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	37773	51.590	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	202899	48.522	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	173172	47.077	ug/L	99
71) Naphthalene	13.503	128	512518	48.436	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	176180	49.104	ug/L	100

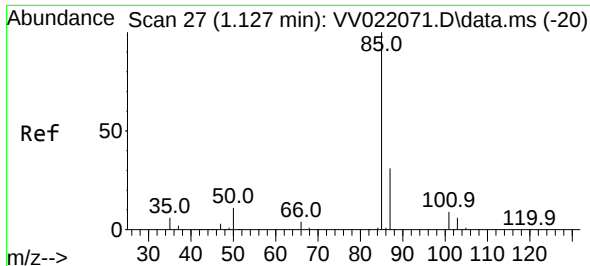
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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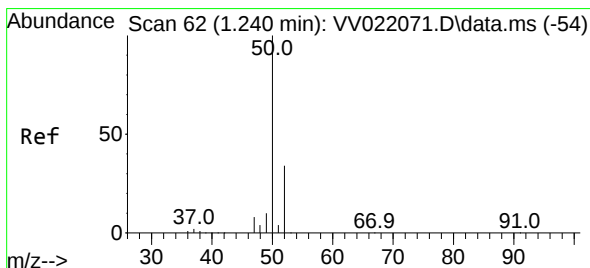
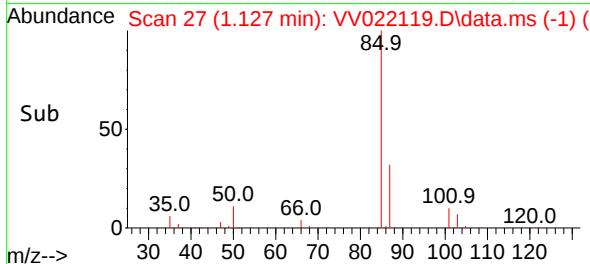
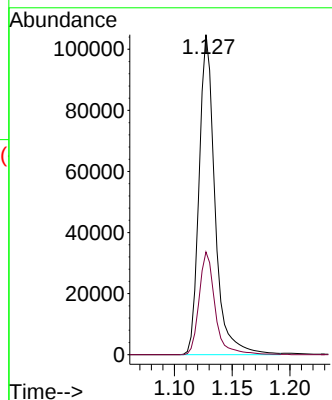
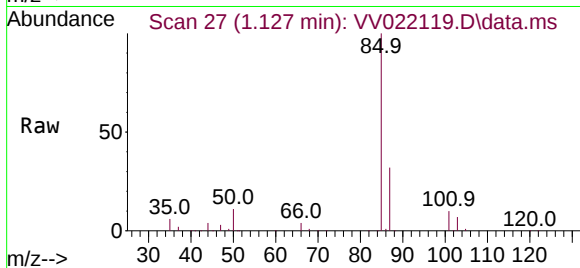




#2
 Dichlorodifluoromethane
 Concen: 41.740 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

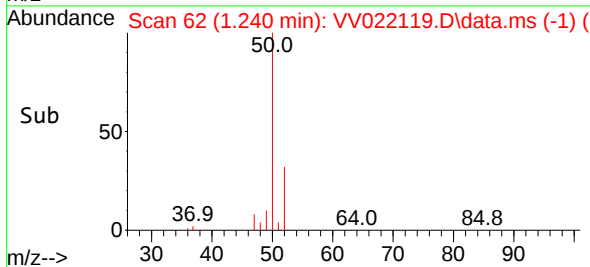
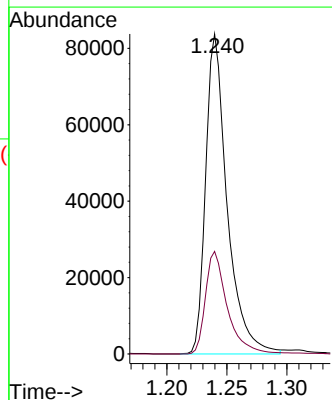
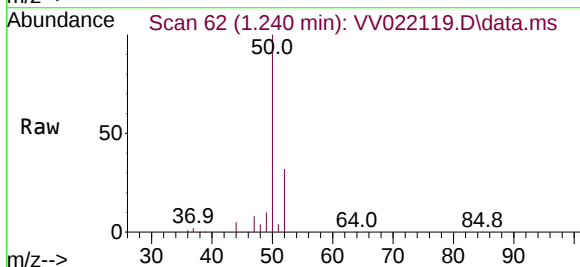
Instrument :
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 ClientSampled :

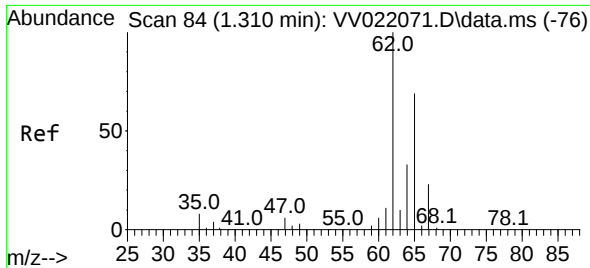
Tgt Ion: 85 Resp: 100230
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 41.143 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

Tgt Ion: 50 Resp: 104614
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.5 41.9

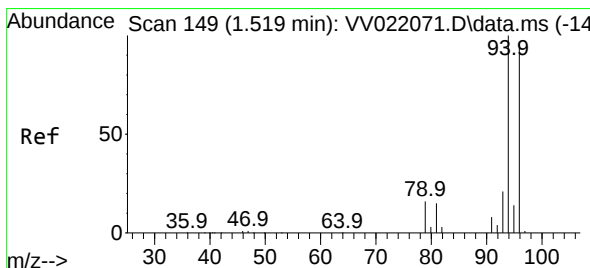
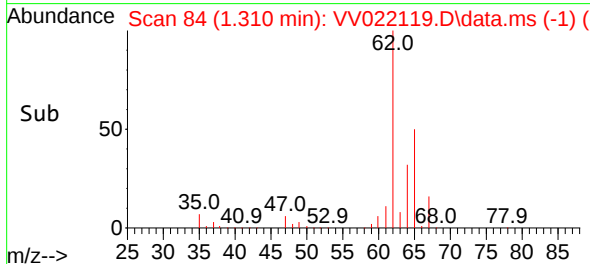
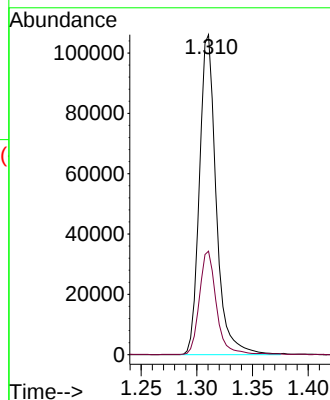
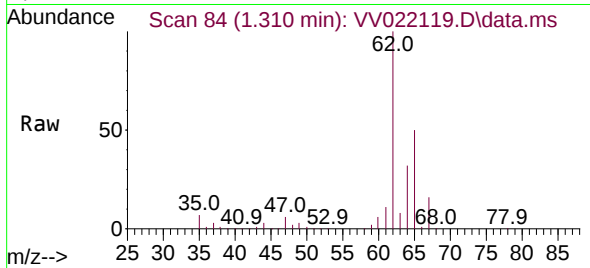




#5
 Vinyl chloride
 Concen: 43.431 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

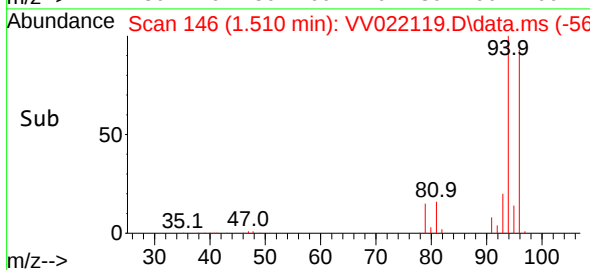
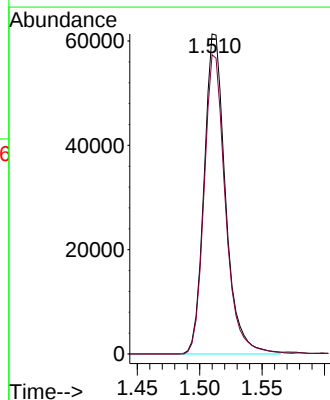
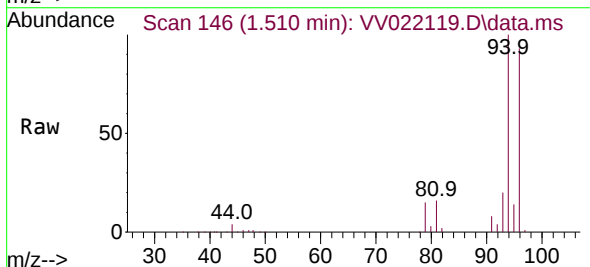
Instrument :
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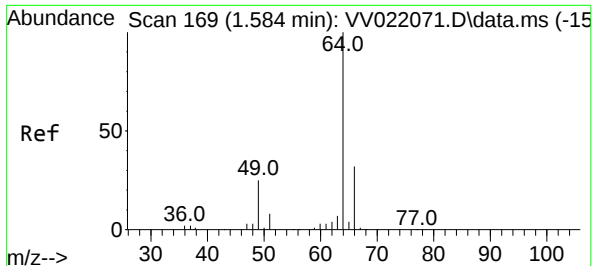
Tgt Ion: 62 Resp: 111307
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.6



#6
 Bromomethane
 Concen: 47.593 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.010 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

Tgt Ion: 94 Resp: 73333
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.8 122.2

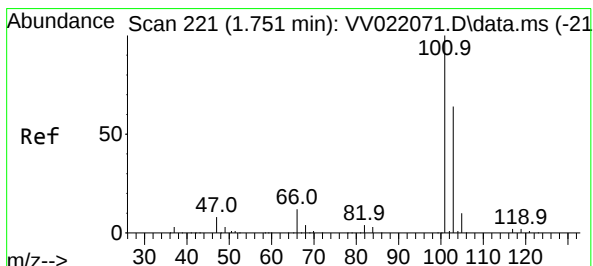
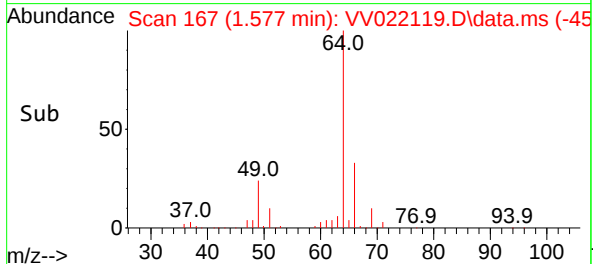
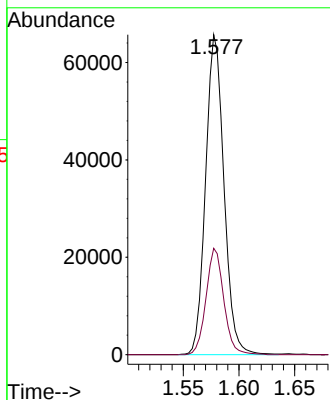
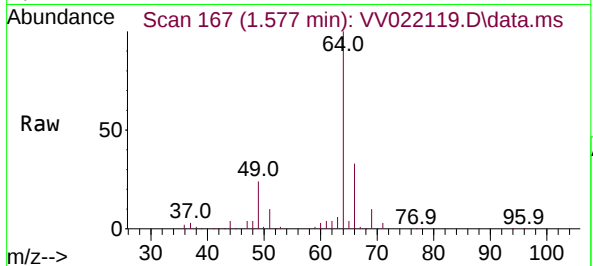




#8
Chloroethane
Concen: 47.043 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.006 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

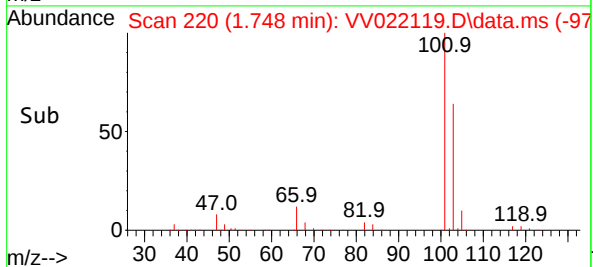
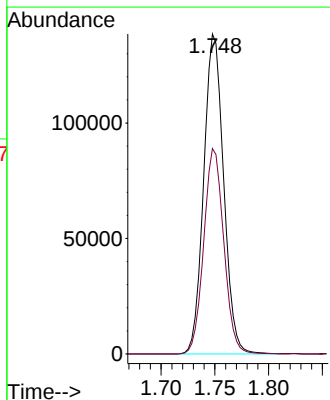
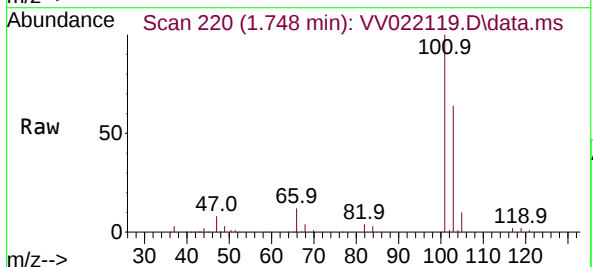
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ClientSampleId :

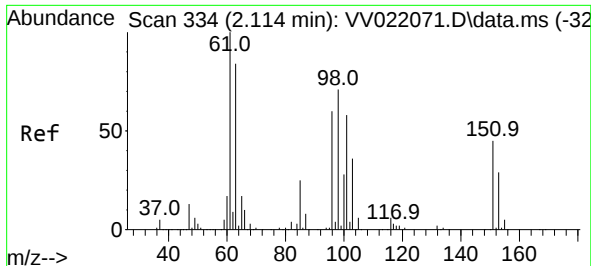
Tgt Ion: 64 Resp: 75422
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.045 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion:101 Resp: 178997
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

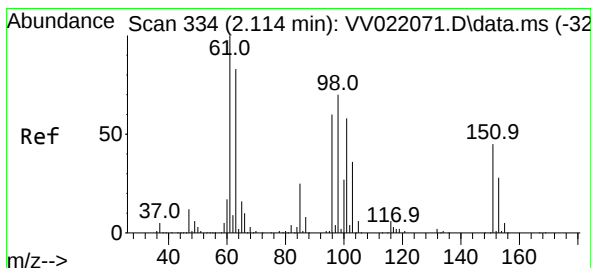
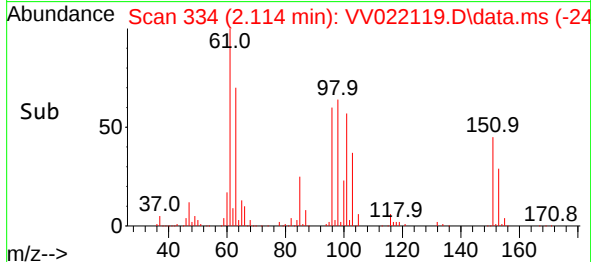
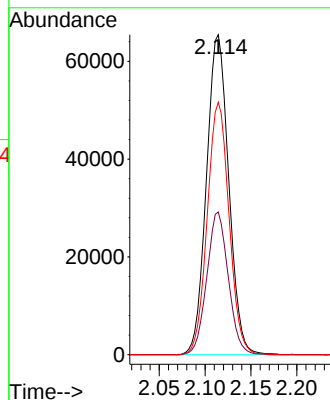
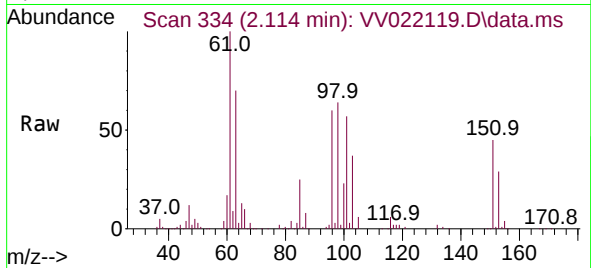




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.647 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

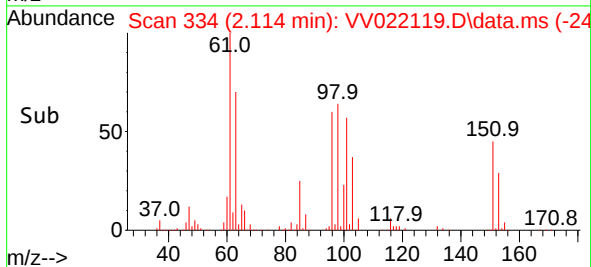
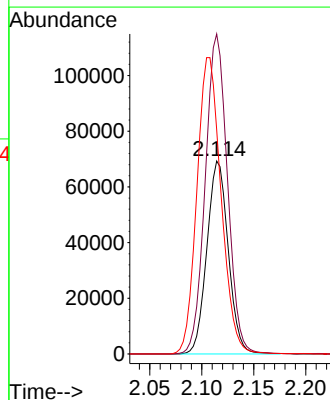
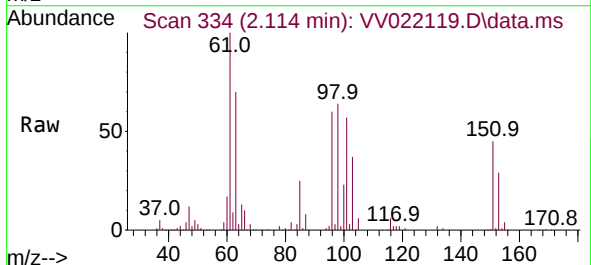
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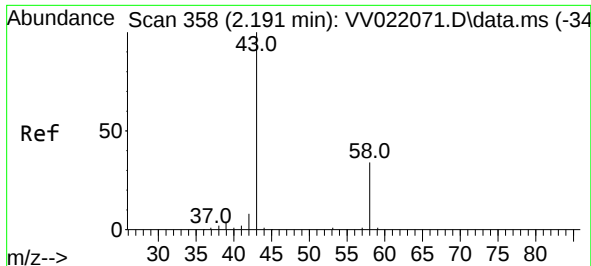
Tgt Ion:101 Resp: 110557
 Ion Ratio Lower Upper
 101 100
 85 43.1 33.4 50.0
 151 77.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 49.034 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

Tgt Ion: 96 Resp: 98806
 Ion Ratio Lower Upper
 96 100
 61 165.8 113.2 210.2
 63 116.2 102.3 189.9

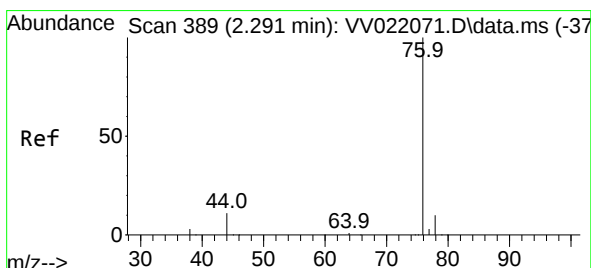
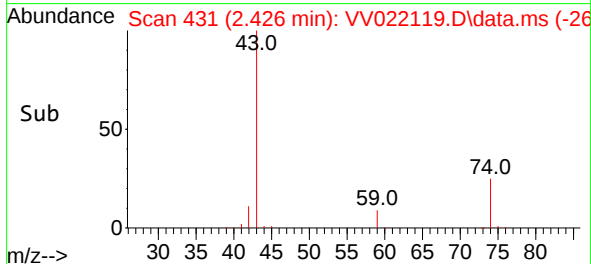
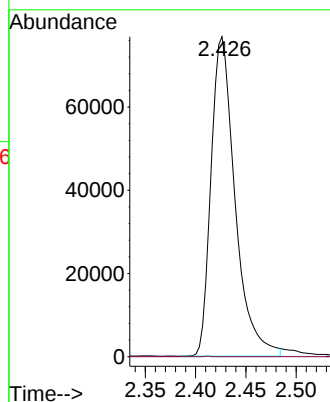
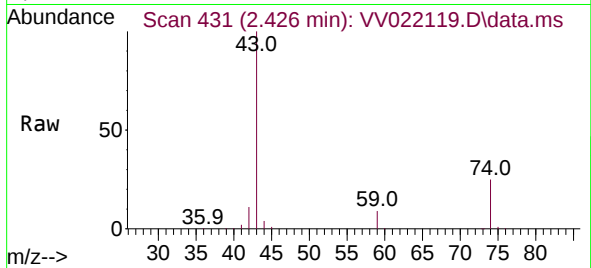




#13
Acetone
Concen: 91.897 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.228 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

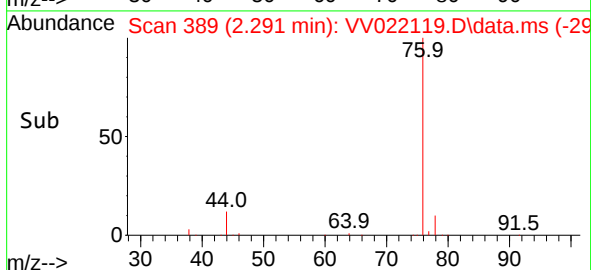
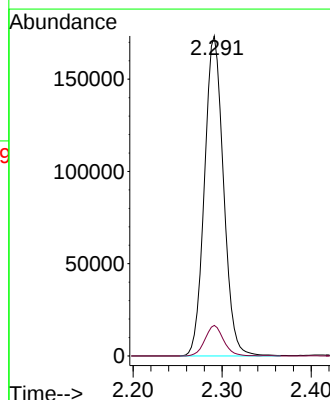
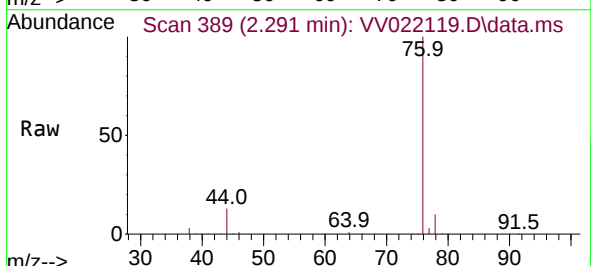
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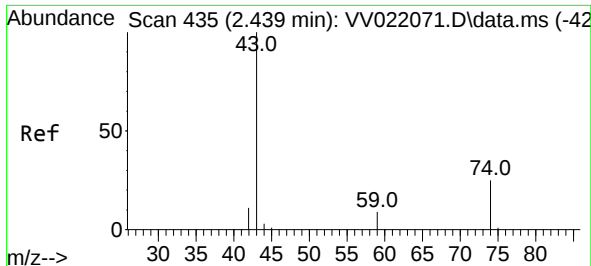
Tgt Ion: 43 Resp: 127751
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 42.279 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 257065
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

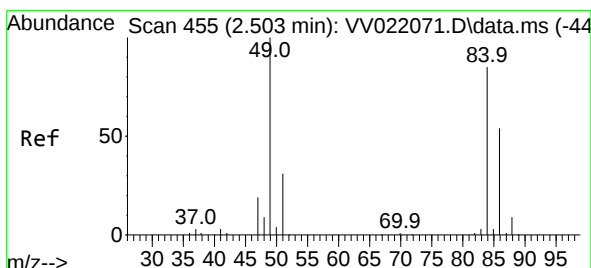
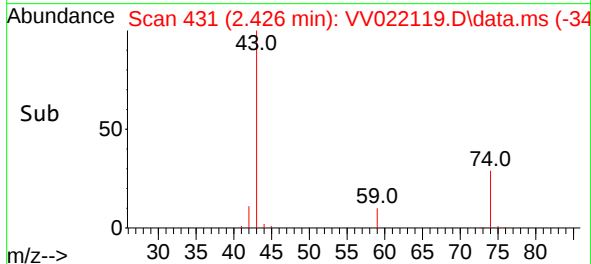
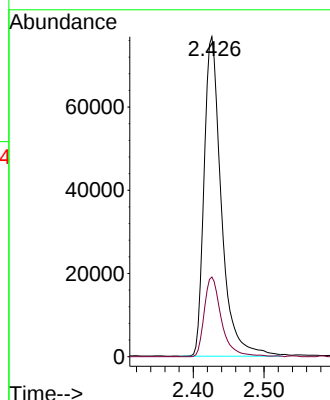
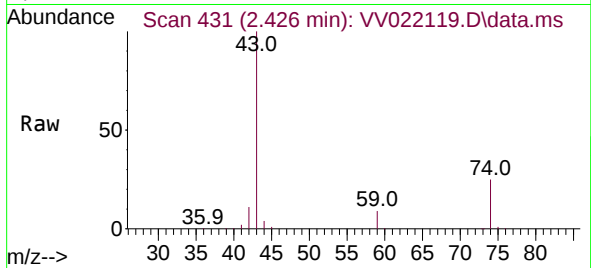




#15
Methyl Acetate
Concen: 48.036 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.013 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

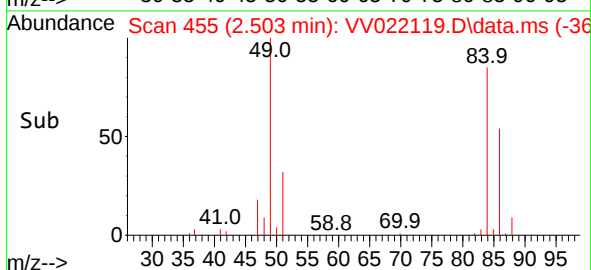
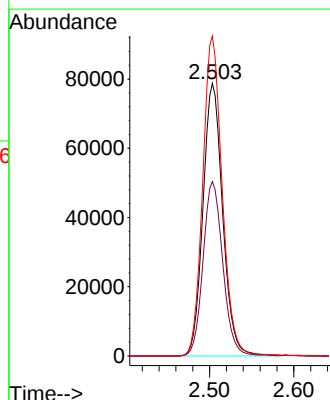
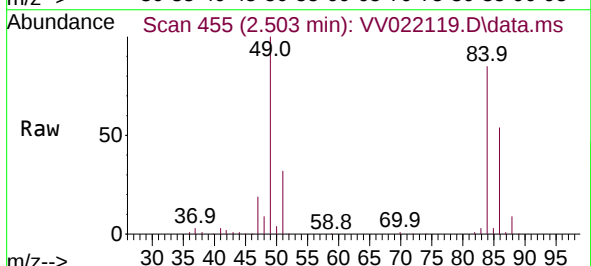
Instrument :
MSVOA_V
ClientSampled :

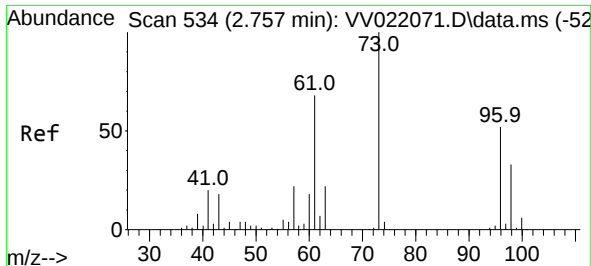
Tgt Ion: 43 Resp: 130044
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2



#16
Methylene chloride
Concen: 47.473 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 84 Resp: 128166
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 117.4 80.2 149.0

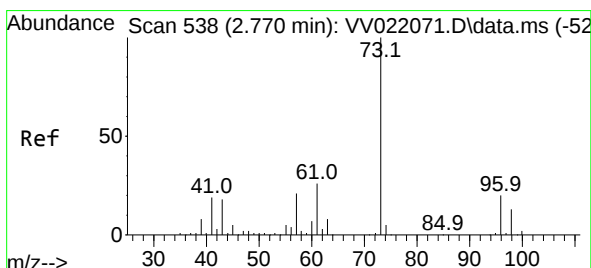
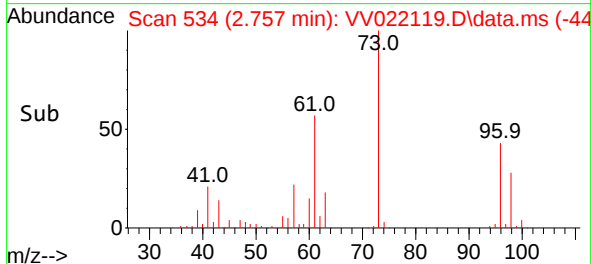
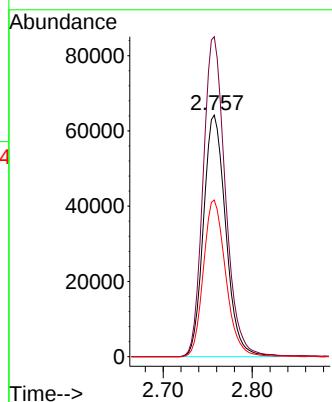
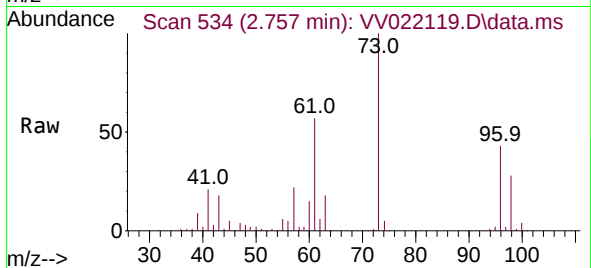




#17
trans-1,2-Dichloroethene
Concen: 45.851 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

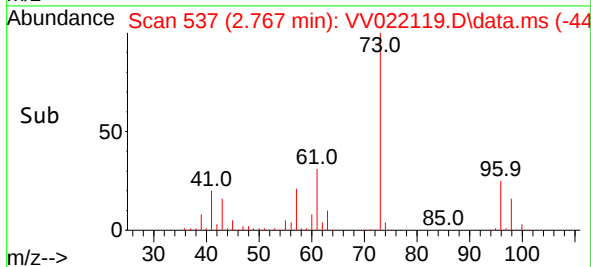
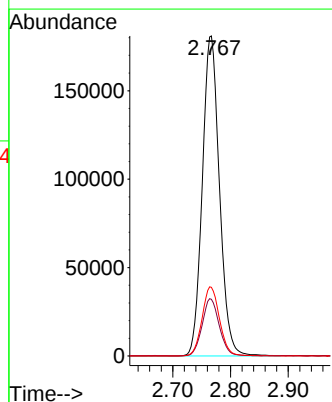
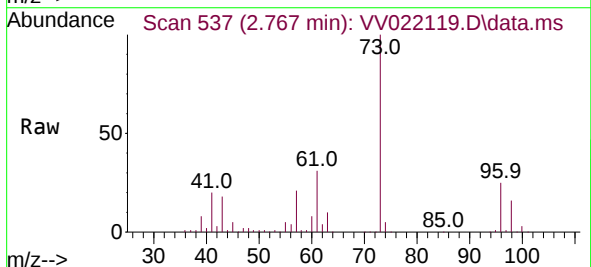
Instrument :
MSVOA_V
ClientSampled :

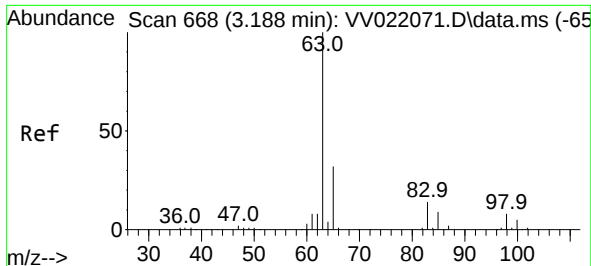
Tgt Ion: 96 Resp: 111711
Ion Ratio Lower Upper
96 100
61 132.4 89.1 165.5
98 64.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.200 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 73 Resp: 373179
Ion Ratio Lower Upper
73 100
43 17.7 13.8 20.6
57 22.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.730 ug/L

RT: 3.188 min Scan# 668

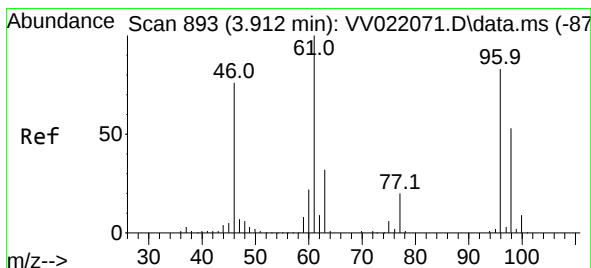
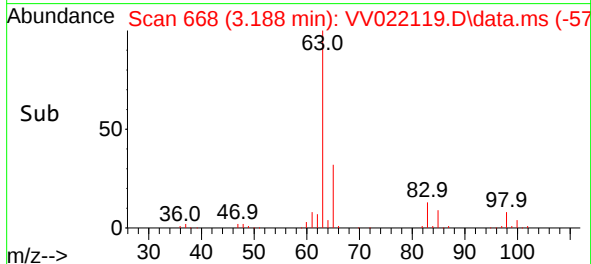
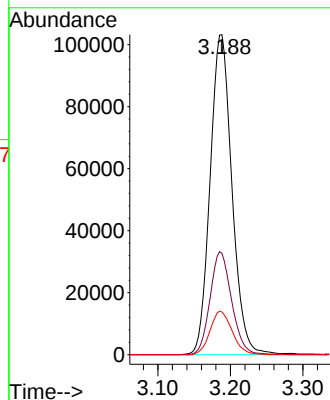
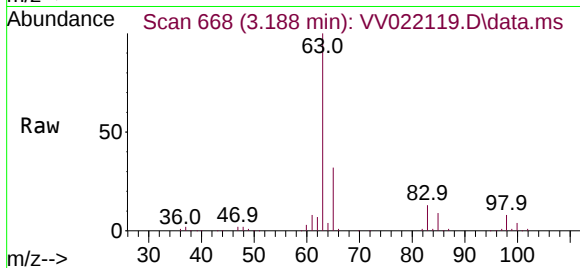
Delta R.T. 0.000 min

Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion: 63 Resp: 215796

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.2	41.2
83	13.3	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 48.093 ug/L

RT: 3.908 min Scan# 892

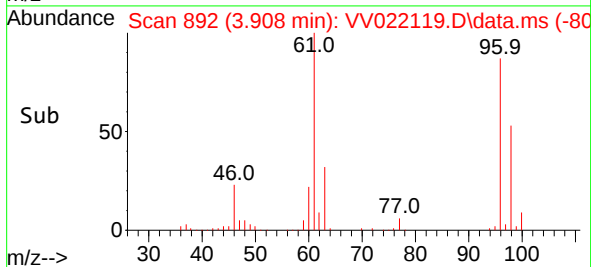
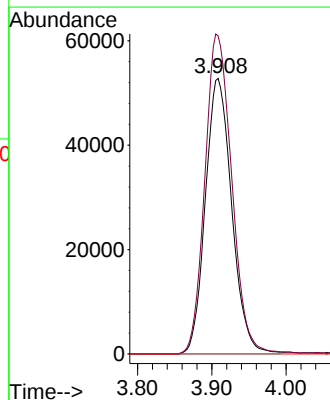
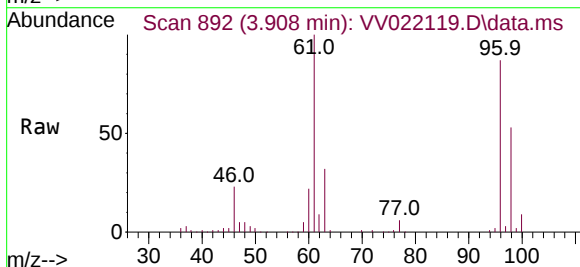
Delta R.T. -0.003 min

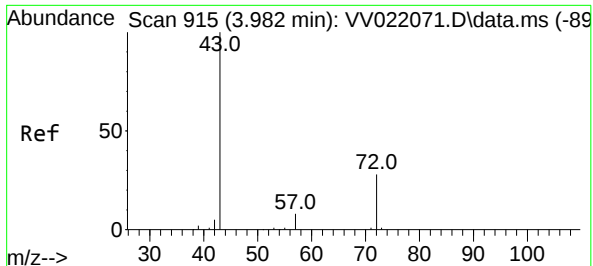
Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion: 96 Resp: 130414

Ion	Ratio	Lower	Upper
96	100		
61	115.4	81.8	152.0
68	0.0	0.0	0.0

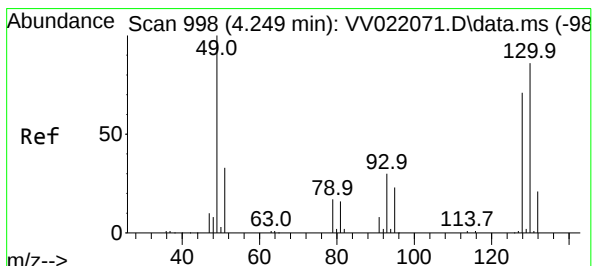
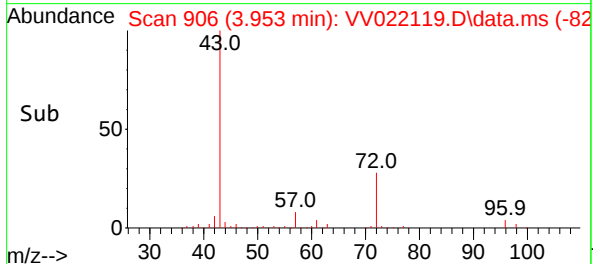
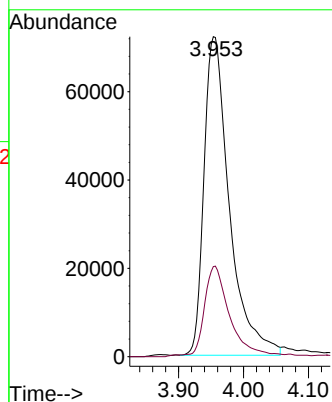
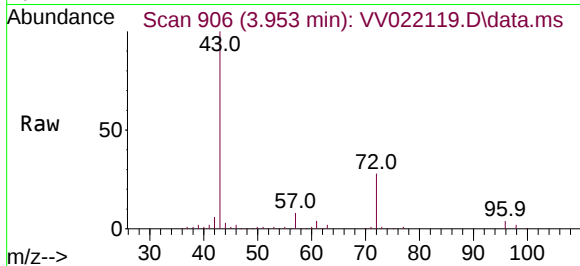




#22
2-Butanone
Concen: 100.484 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.029 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

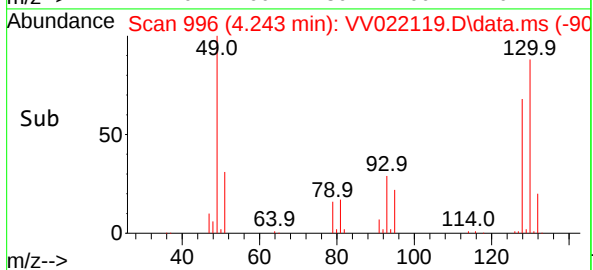
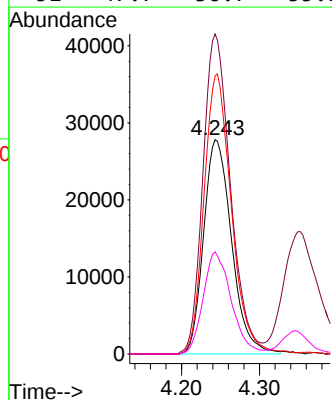
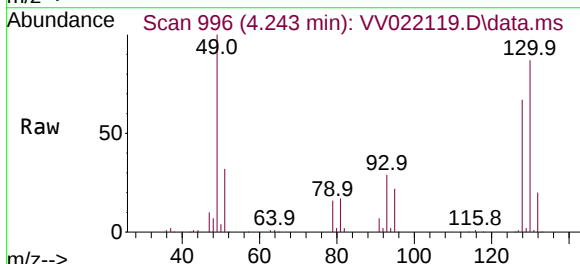
Instrument :
MSVOA_V
ClientSampleId :

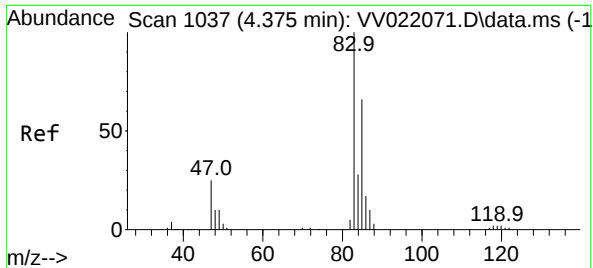
Tgt Ion: 43 Resp: 196353
Ion Ratio Lower Upper
43 100
72 26.8 13.3 39.8



#23
Bromochloromethane
Concen: 47.993 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion:128 Resp: 69309
Ion Ratio Lower Upper
128 100
49 149.4 101.6 188.8
130 129.9 88.5 164.3
51 47.7 36.7 55.1

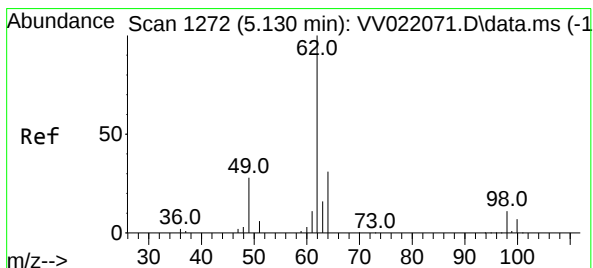
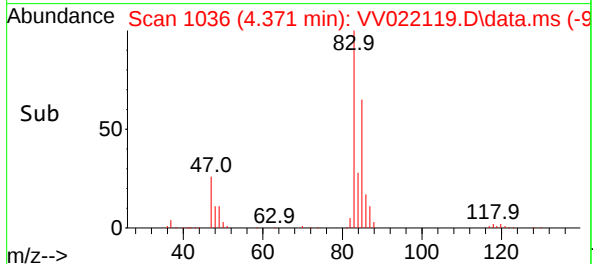
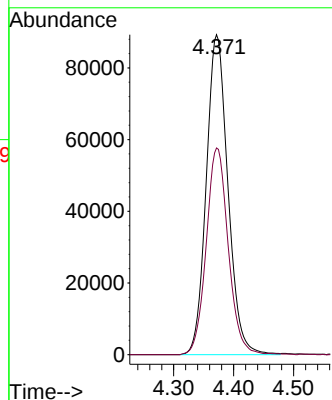
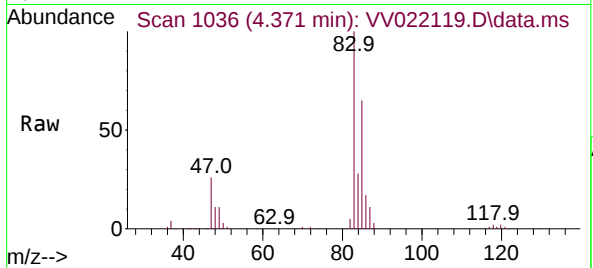




#25
Chloroform
Concen: 48.830 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

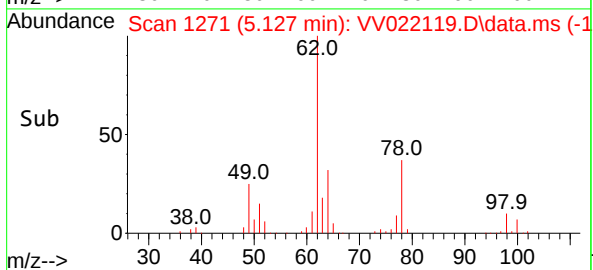
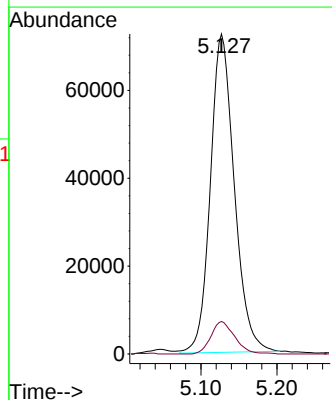
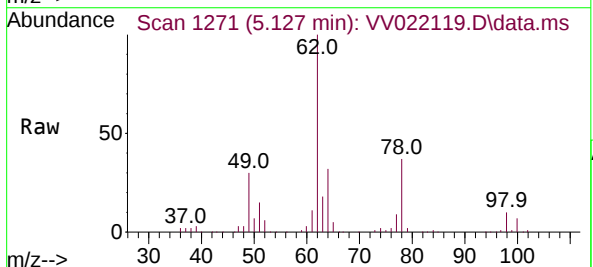
Instrument :
MSVOA_V
ClientSampleId :

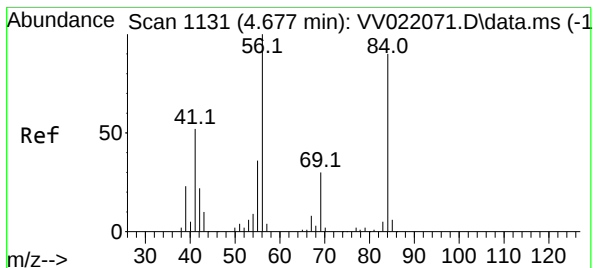
Tgt Ion: 83 Resp: 224301
Ion Ratio Lower Upper
83 100
85 64.6 46.3 85.9



#27
1,2-Dichloroethane
Concen: 51.470 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 62 Resp: 158485
Ion Ratio Lower Upper
62 100
98 10.1 8.5 12.7





#29

Cyclohexane

Concen: 46.782 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

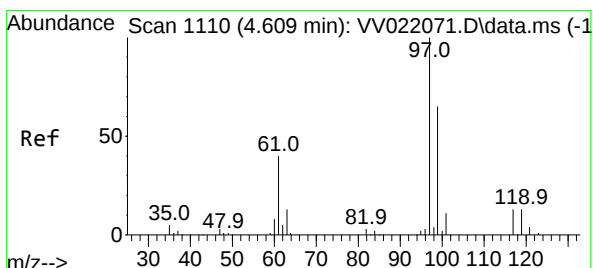
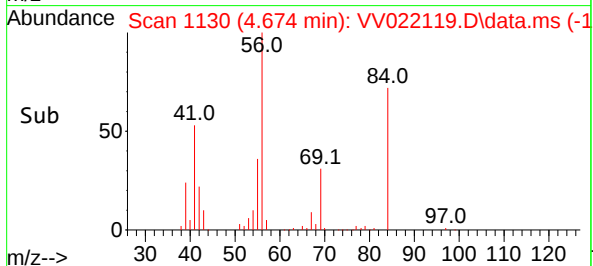
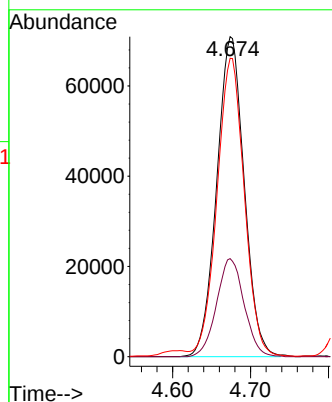
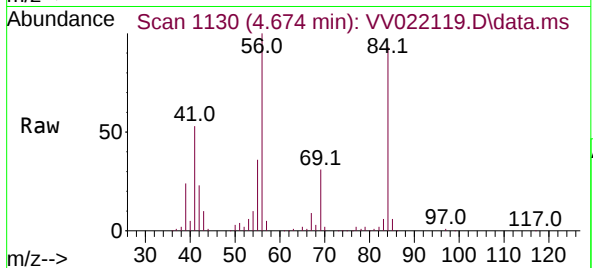
Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion: 56 Resp: 173635

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.2	37.8
84	92.6	74.6	111.8

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.925 ug/L

RT: 4.606 min Scan# 1109

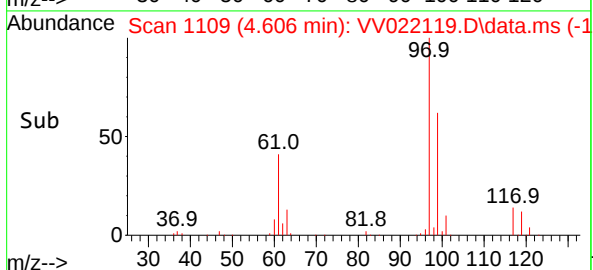
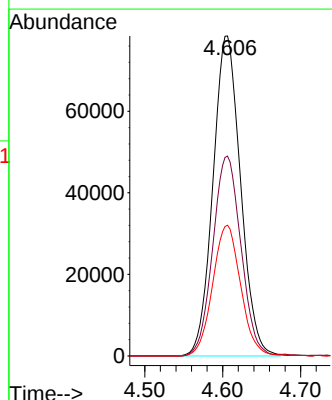
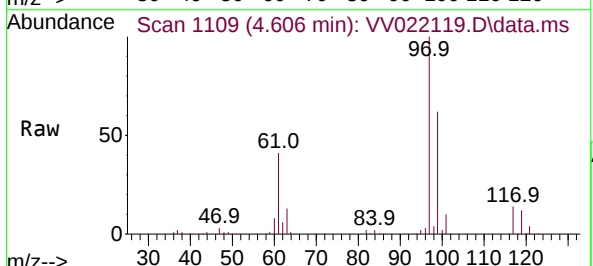
Delta R.T. 0.000 min

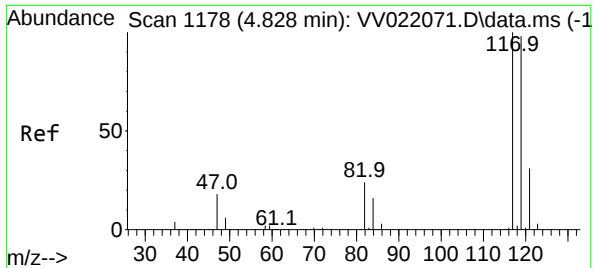
Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion: 97 Resp: 193064

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	41.4	31.8	47.8

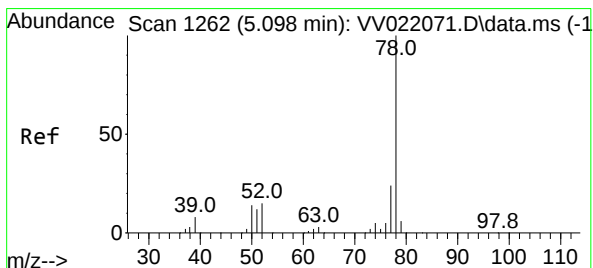
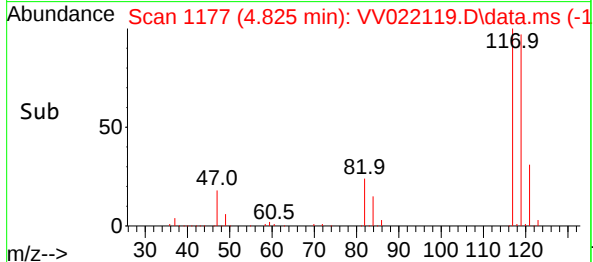
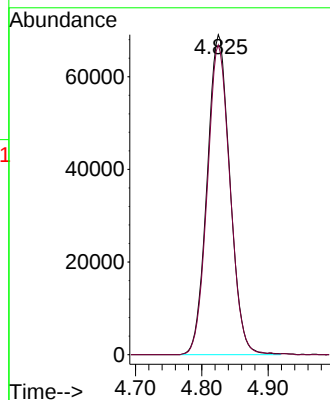
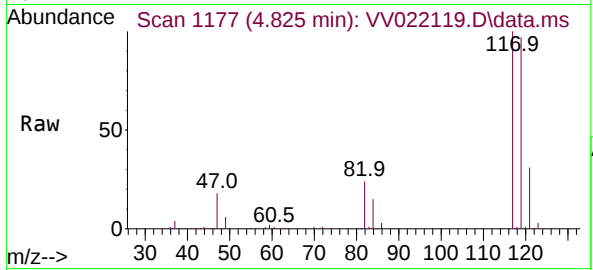




#31
Carbon tetrachloride
Concen: 48.727 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

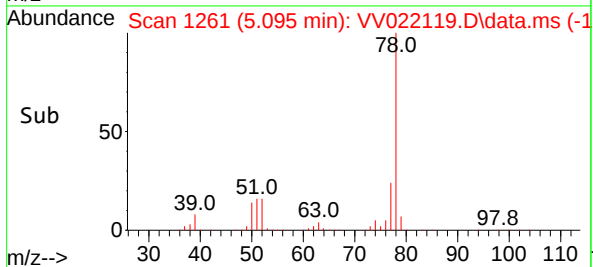
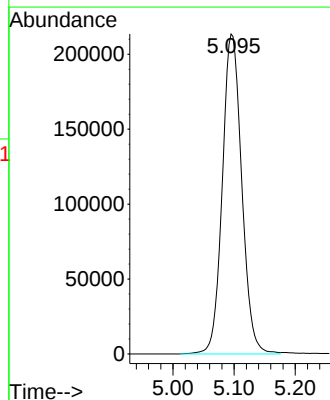
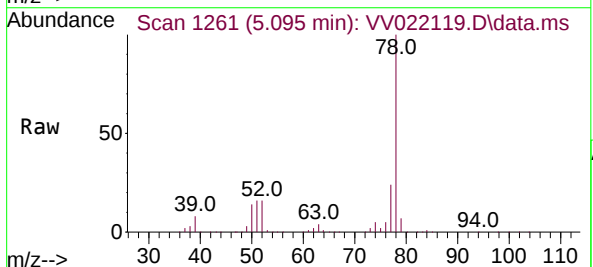
Instrument :
MSVOA_V
ClientSampled :

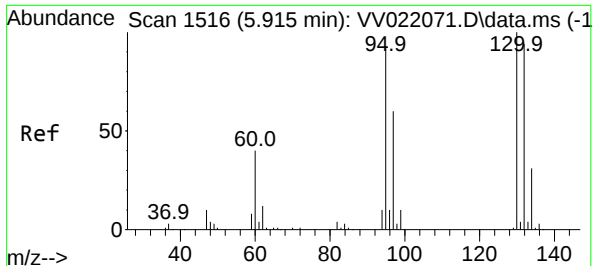
Tgt Ion:117 Resp: 165200
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8



#33
Benzene
Concen: 48.777 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 78 Resp: 471191





#34

Trichloroethene

Concen: 45.986 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion: 95 Resp: 125832

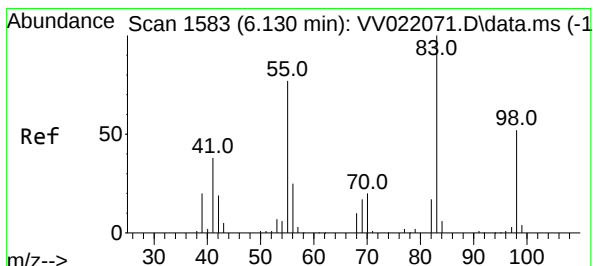
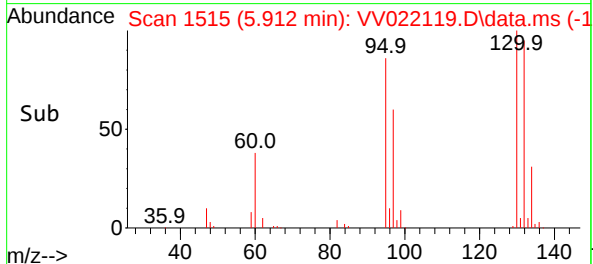
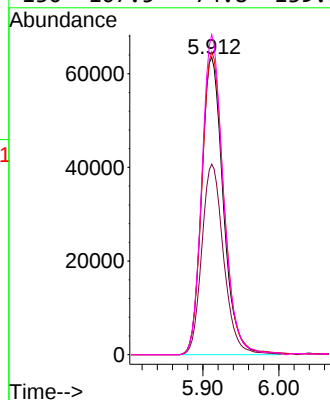
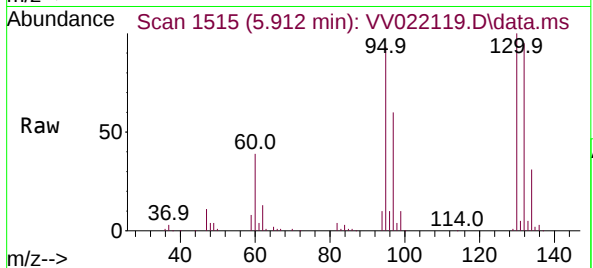
Ion Ratio Lower Upper

95 100

97 64.0 44.1 81.9

132 101.6 70.7 131.3

130 107.5 74.8 139.0



#35

Methylcyclohexane

Concen: 47.353 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

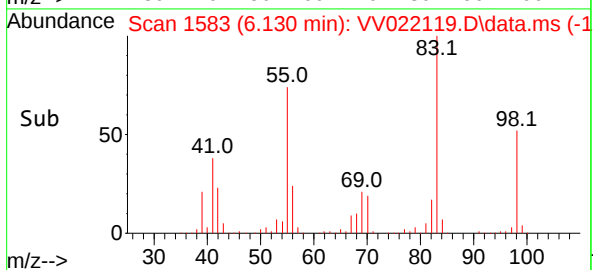
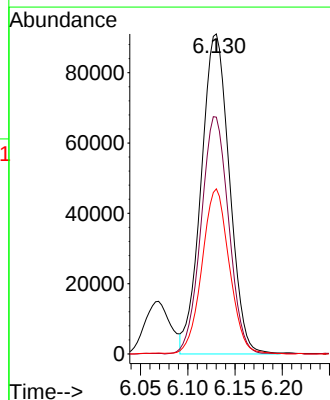
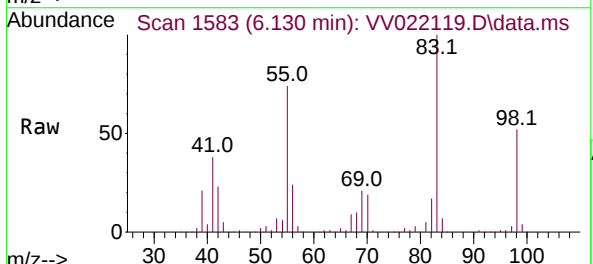
Tgt Ion: 83 Resp: 189422

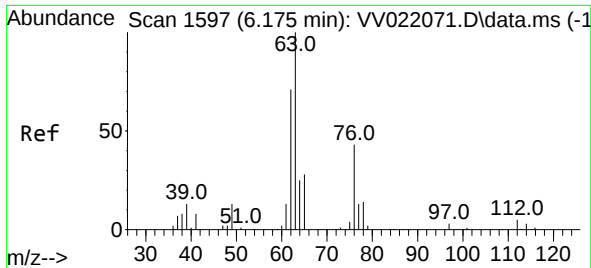
Ion Ratio Lower Upper

83 100

55 72.5 56.8 85.2

98 49.8 39.9 59.9



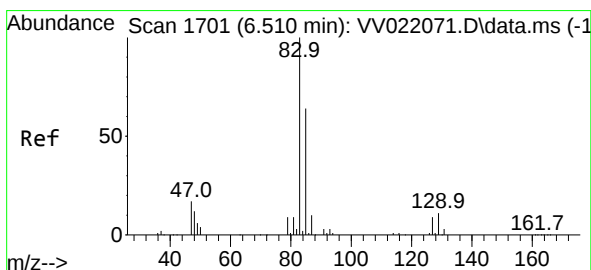
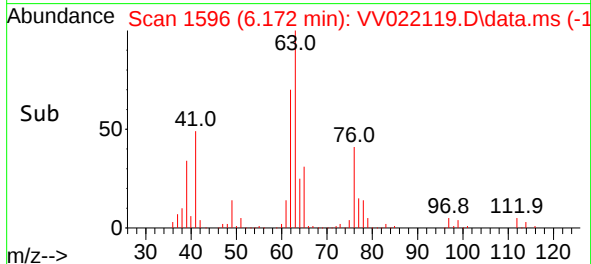
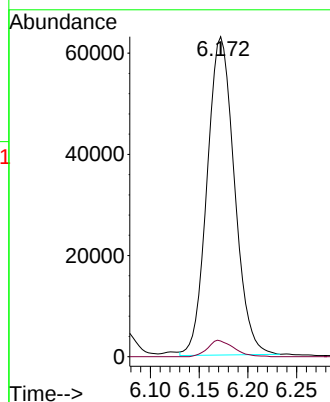
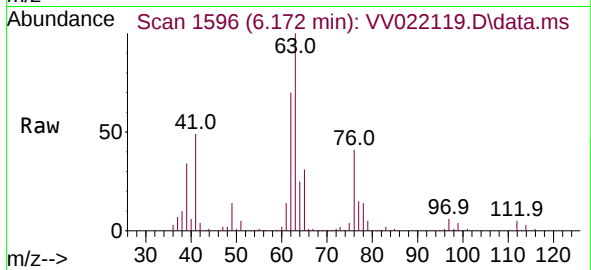


#37

1,2-Dichloropropane
Concen: 48.995 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Instrument :
MSVOA_V
ClientSampled :

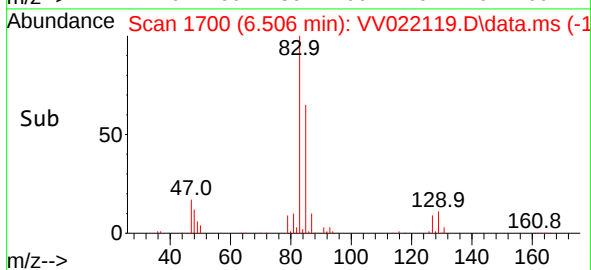
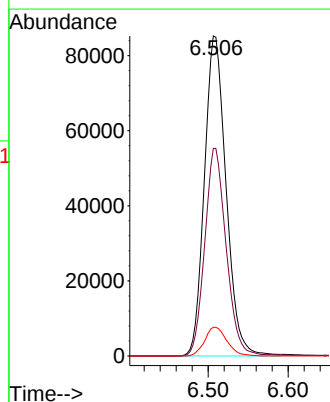
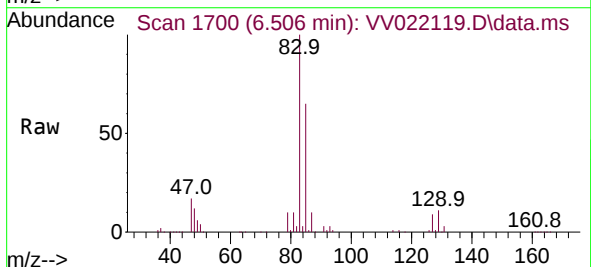
Tgt Ion: 63 Resp: 122687
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6

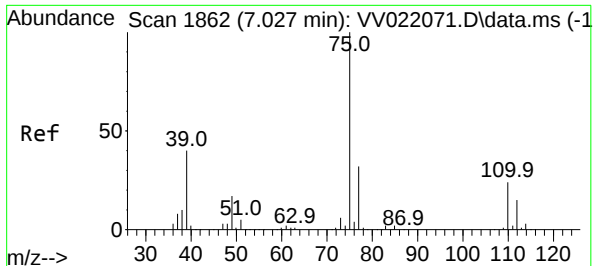


#38

Bromodichloromethane
Concen: 50.273 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 83 Resp: 160987
Ion Ratio Lower Upper
83 100
85 64.8 44.8 83.2
127 8.9 7.3 10.9

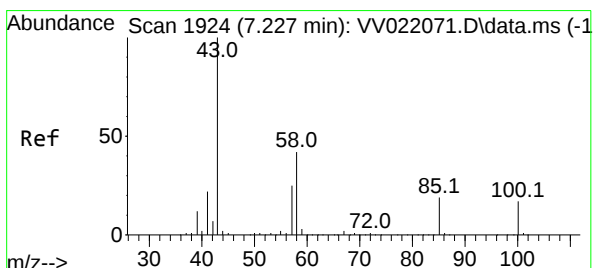
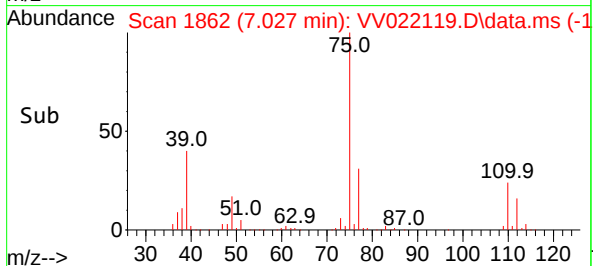
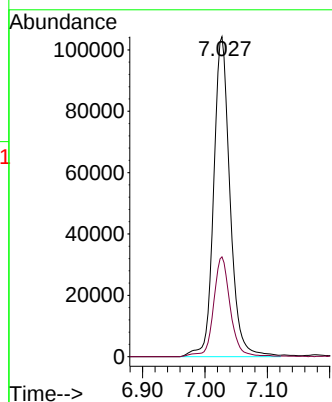
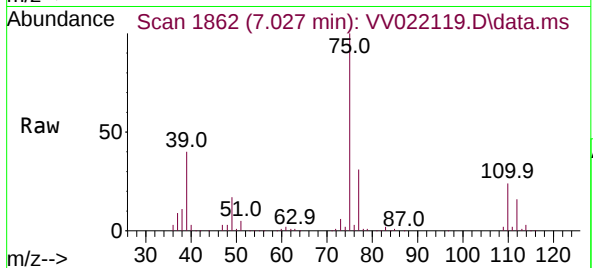




#39
 cis-1,3-Dichloropropene
 Concen: 49.292 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

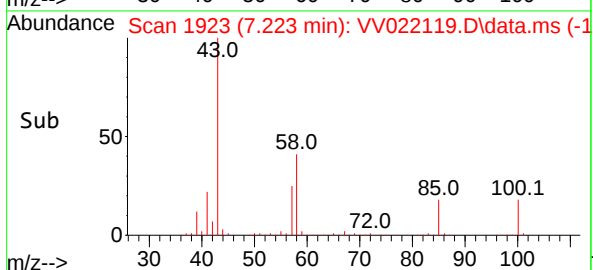
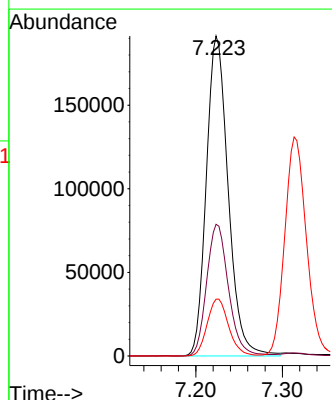
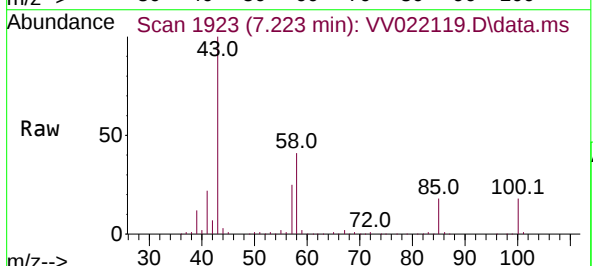
Instrument :
 MSVOA_V
 ClientSampled :

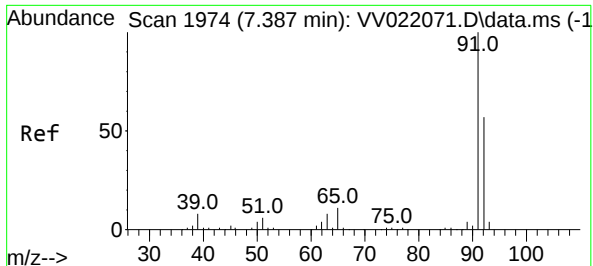
Tgt Ion: 75 Resp: 190568
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 99.043 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VV022119.D
 Acq: 08 Sep 2021 09:50

Tgt Ion: 43 Resp: 336228
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.3 49.9
 100 17.5 14.5 21.7

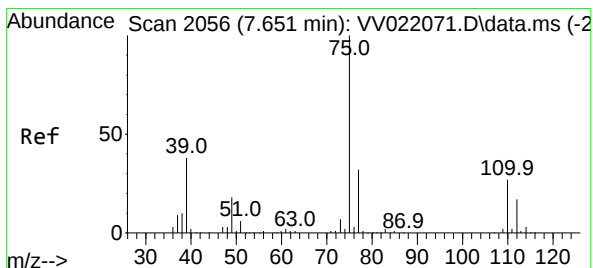
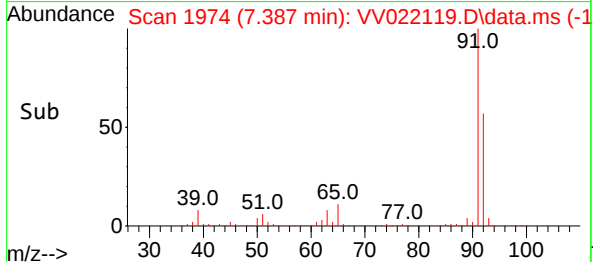
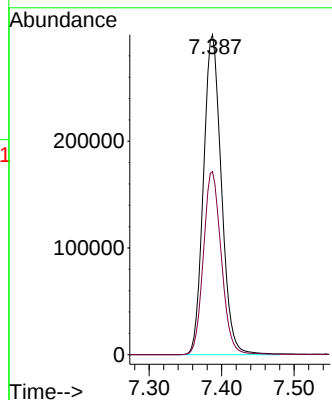
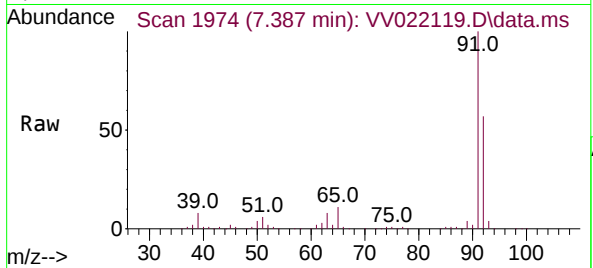




#42
Toluene
Concen: 49.374 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

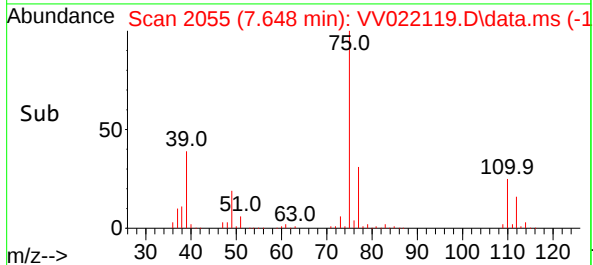
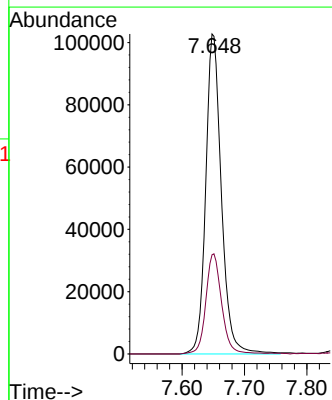
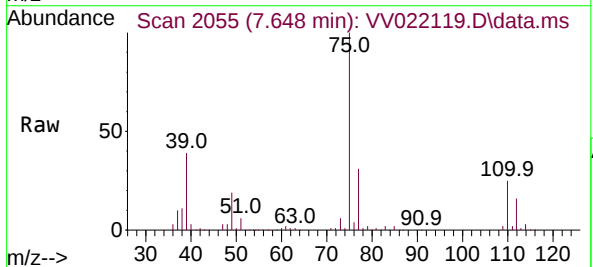
Instrument :
MSVOA_V
ClientSampled :

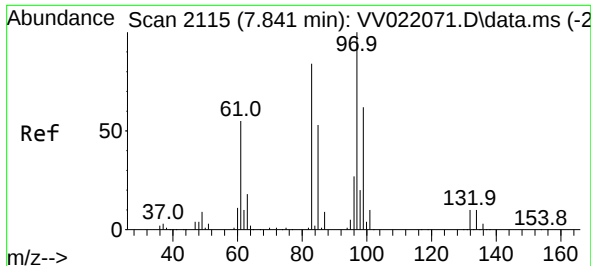
Tgt Ion: 91 Resp: 514773
Ion Ratio Lower Upper
91 100
92 57.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 49.854 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 75 Resp: 179384
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.6



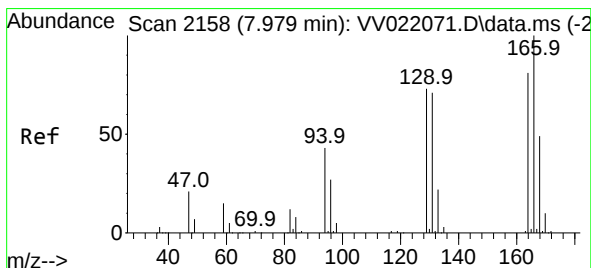
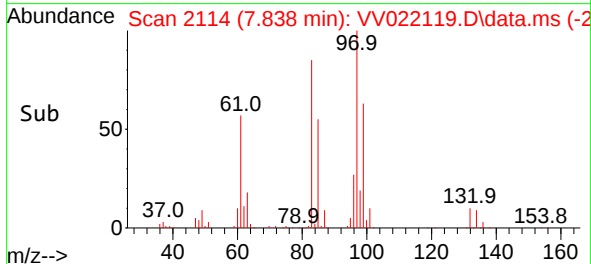
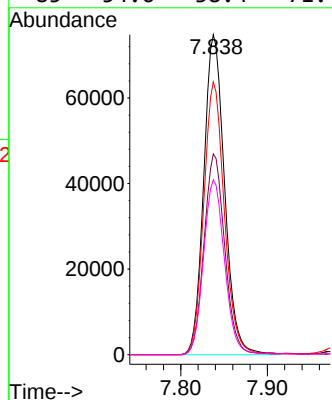
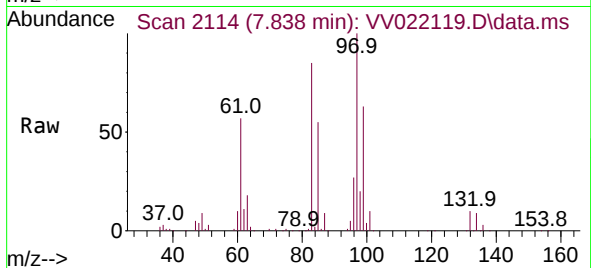


#45

1,1,2-Trichloroethane
Concen: 49.094 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Instrument :
MSVOA_V
ClientSampleId :

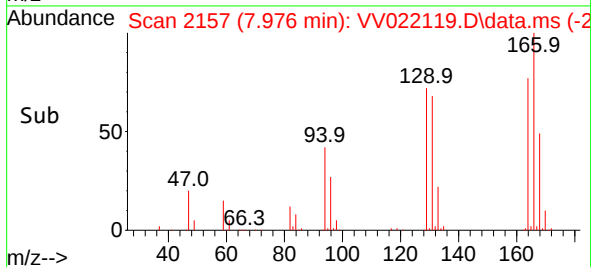
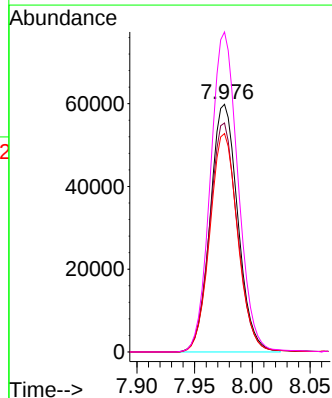
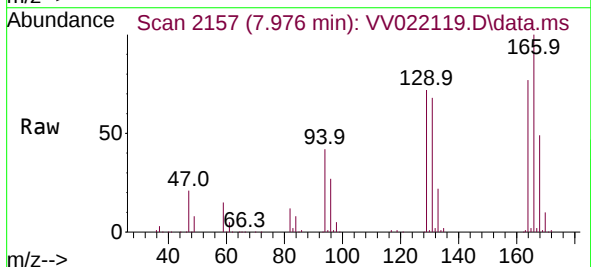
Tgt Ion:	97	Resp:	125085
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	85.2	58.8	109.2
85	54.6	38.4	71.4

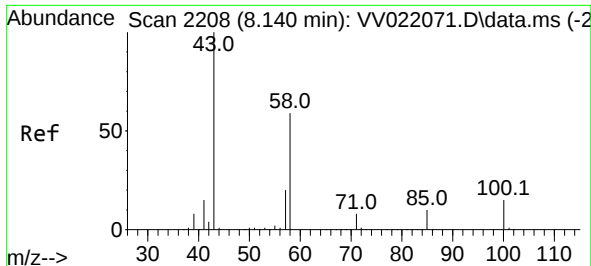


#46

Tetrachloroethene
Concen: 46.808 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion:	164	Resp:	99590
Ion	Ratio	Lower	Upper
164	100		
129	92.4	62.9	116.9
131	88.2	61.0	113.4
166	129.2	90.6	168.3



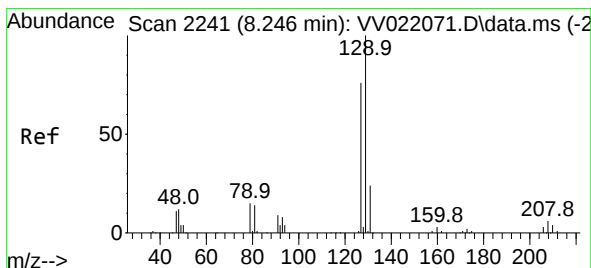
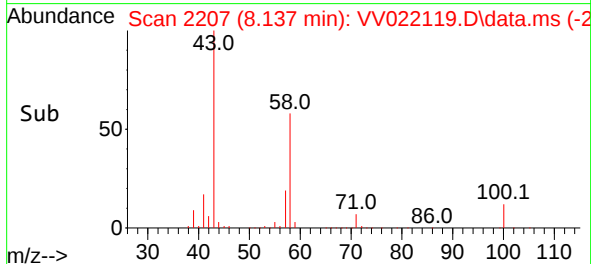
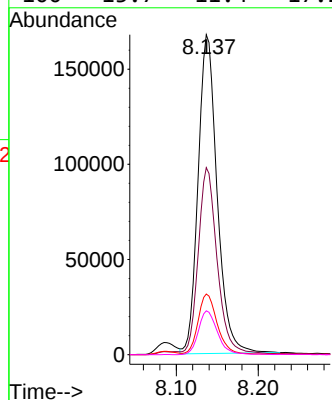
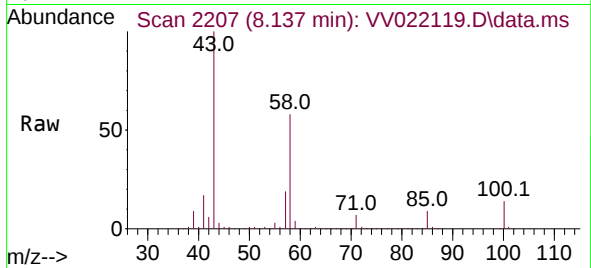


#48
2-Hexanone
Concen: 102.699 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 270508

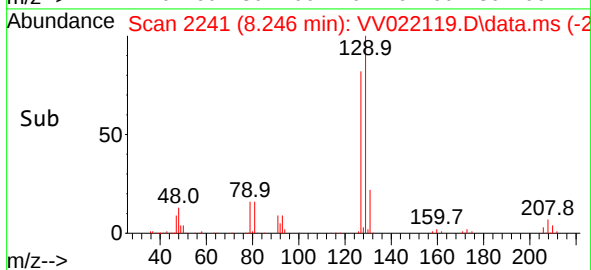
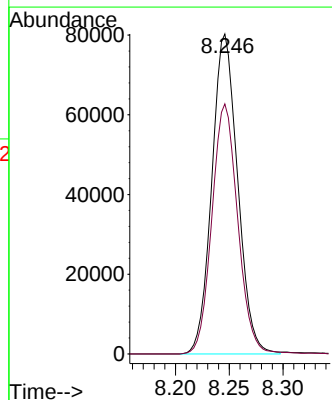
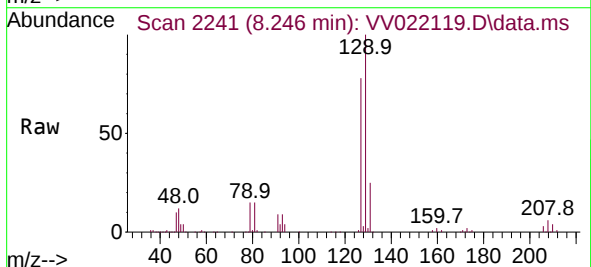
Ion	Ratio	Lower	Upper
43	100		
58	57.8	47.5	71.3
57	19.0	15.9	23.9
100	13.7	11.4	17.2

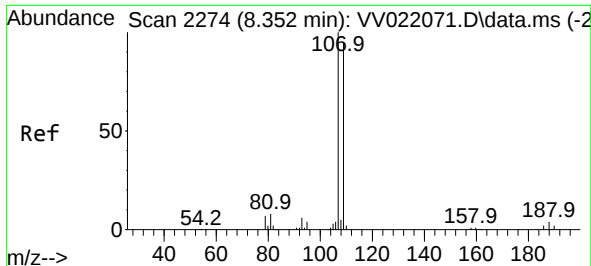


#49
Dibromochloromethane
Concen: 49.183 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 129 Resp: 134136

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.1	100.5





#50

1,2-Dibromoethane

Concen: 48.191 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

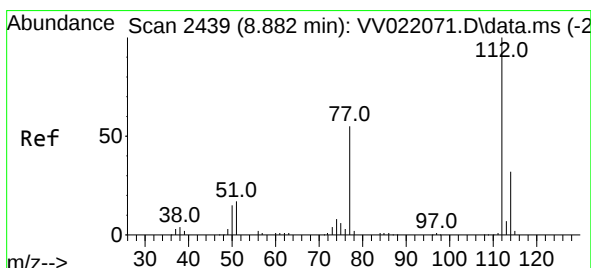
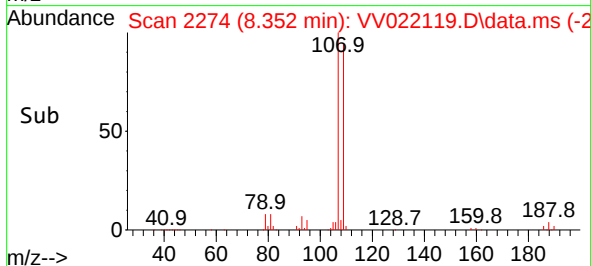
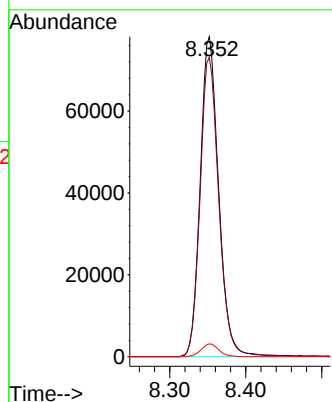
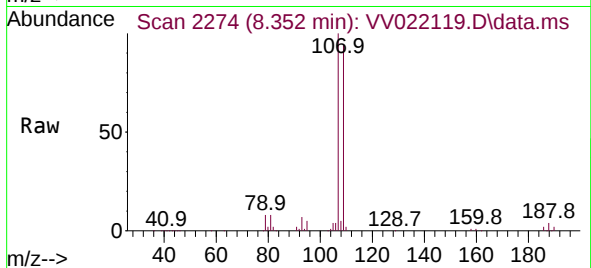
Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 131776

Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.5	121.6
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 47.614 ug/L

RT: 8.883 min Scan# 2439

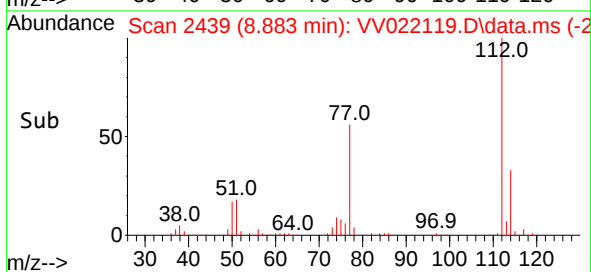
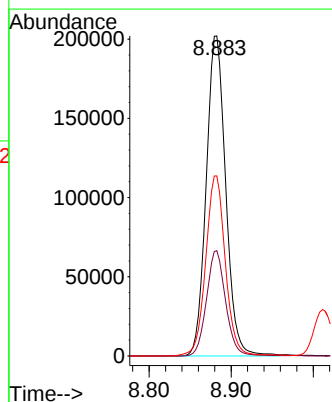
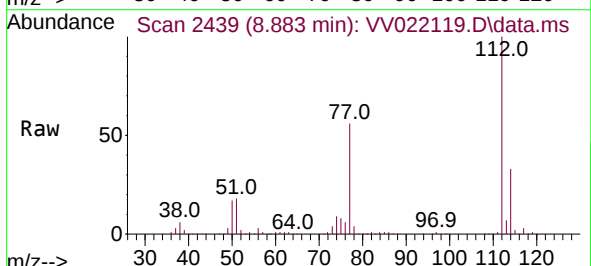
Delta R.T. 0.000 min

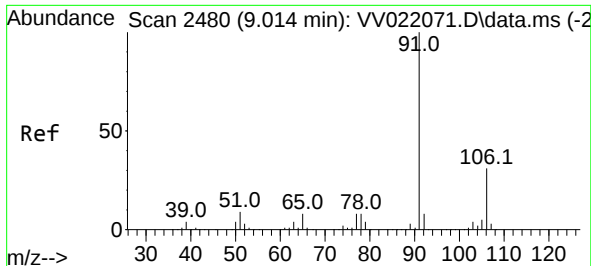
Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion:112 Resp: 333766

Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.0	41.0
77	56.3	43.2	64.8





#52

Ethylbenzene

Concen: 47.913 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV022119.D

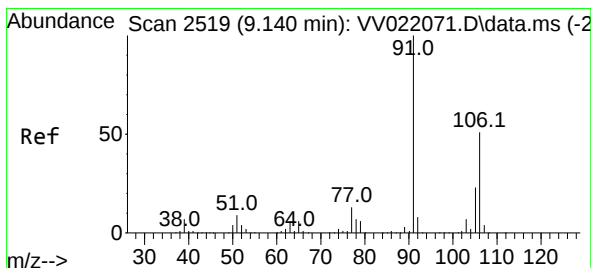
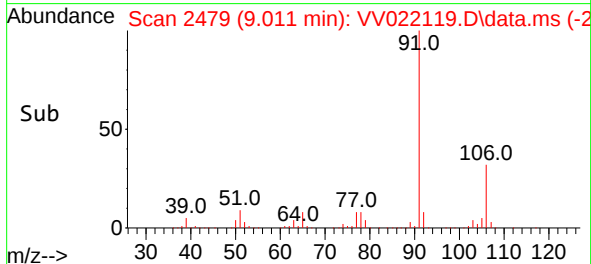
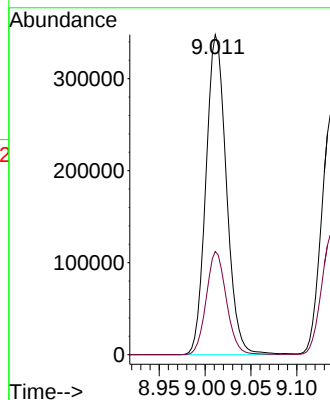
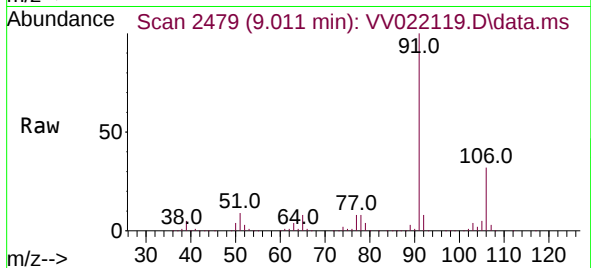
Acq: 08 Sep 2021 09:50

Tgt Ion: 91 Resp: 540762

Ion Ratio Lower Upper

91 100

106 32.3 21.7 40.3



#53

m,p-Xylene

Concen: 48.032 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV022119.D

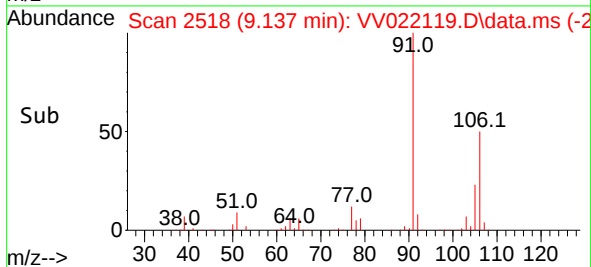
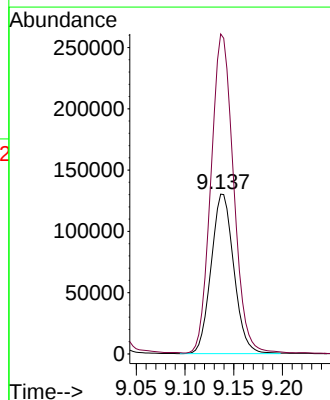
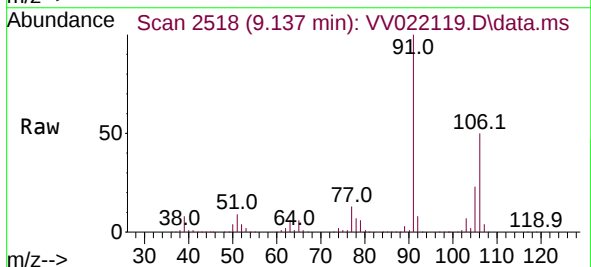
Acq: 08 Sep 2021 09:50

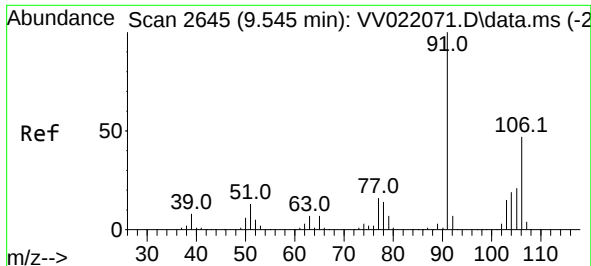
Tgt Ion: 106 Resp: 210707

Ion Ratio Lower Upper

106 100

91 200.3 139.1 258.3

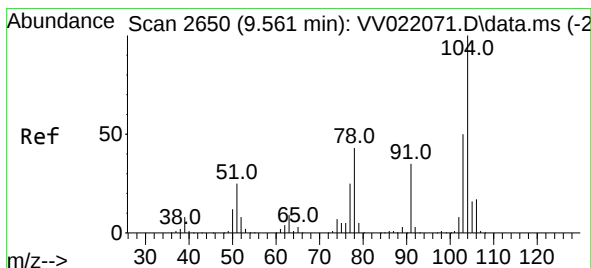
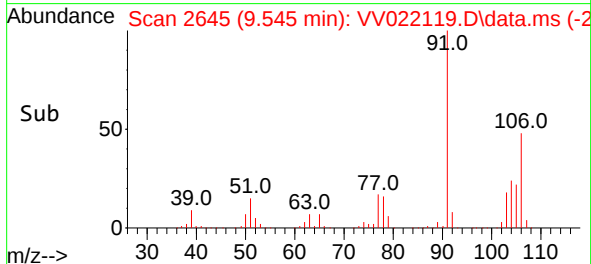
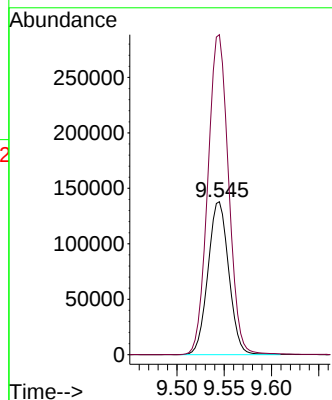
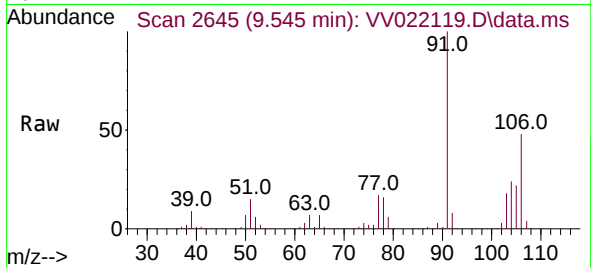




#54
o-Xylene
Concen: 48.641 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

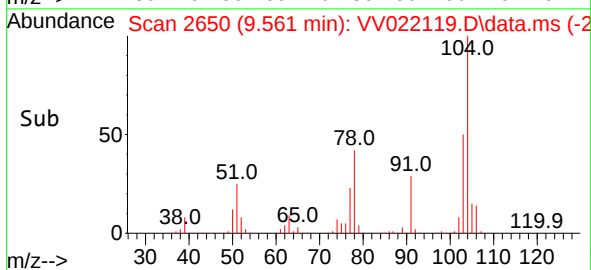
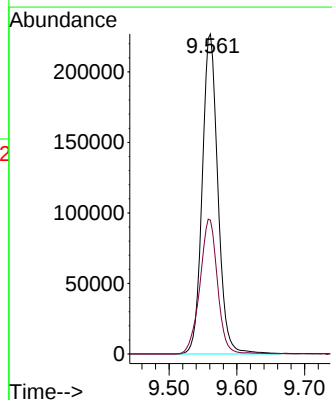
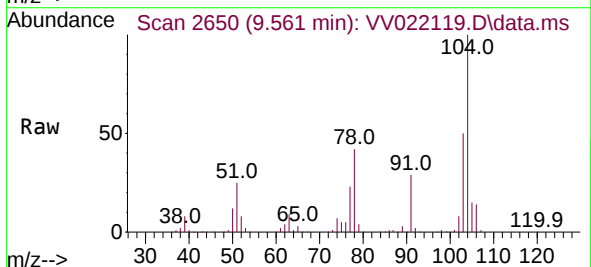
Instrument :
MSVOA_V
ClientSampled :

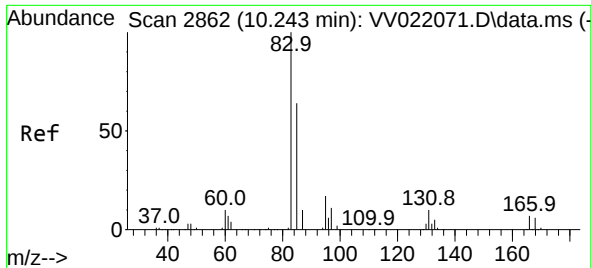
Tgt Ion:106 Resp: 211125
Ion Ratio Lower Upper
106 100
91 209.1 150.1 278.9



#55
Styrene
Concen: 49.181 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion:104 Resp: 364303
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2

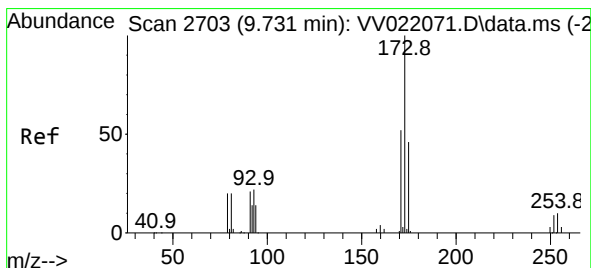
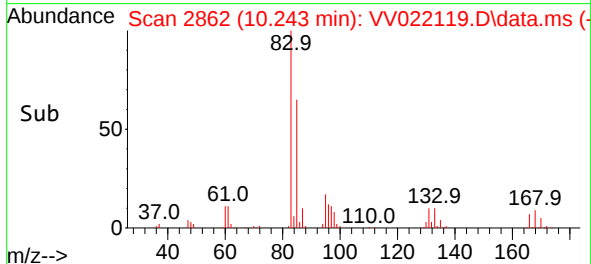
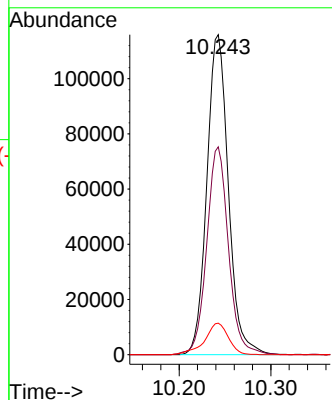
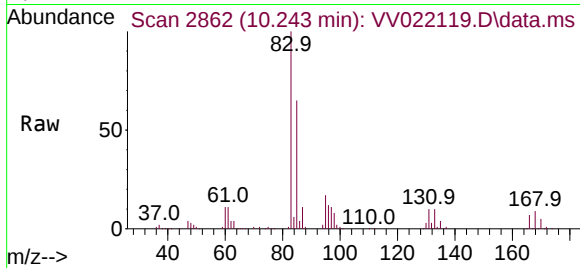




#57
1,1,2,2-Tetrachloroethane
Concen: 51.216 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

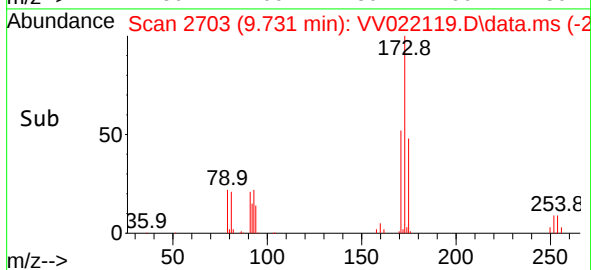
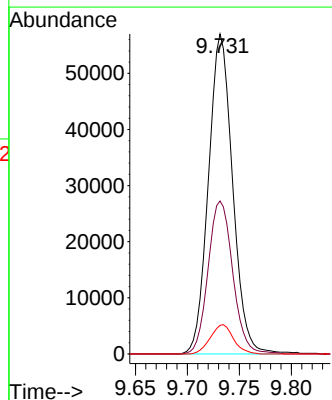
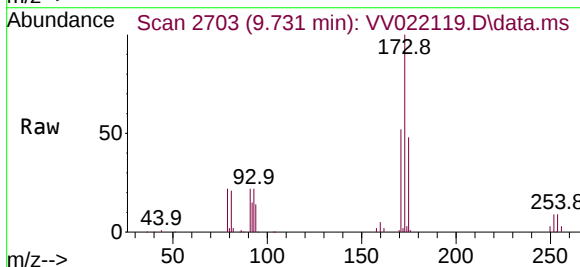
Instrument :
MSVOA_V
ClientSampleId :

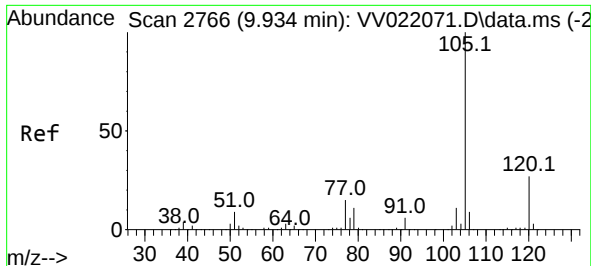
Tgt Ion: 83 Resp: 189065
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1
131 9.9 8.2 12.2



#59
Bromoform
Concen: 49.535 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 173 Resp: 92220
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 8.8 7.0 10.4

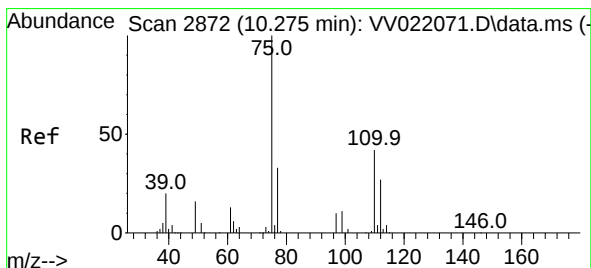
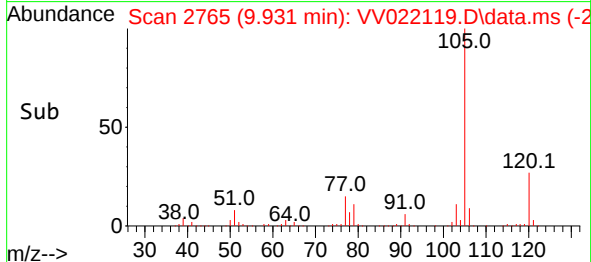
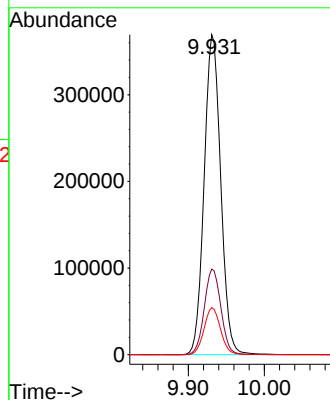
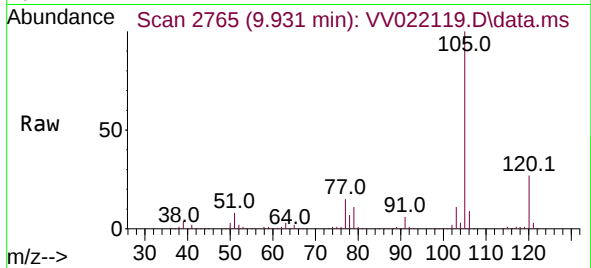




#60
Isopropylbenzene
Concen: 50.860 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

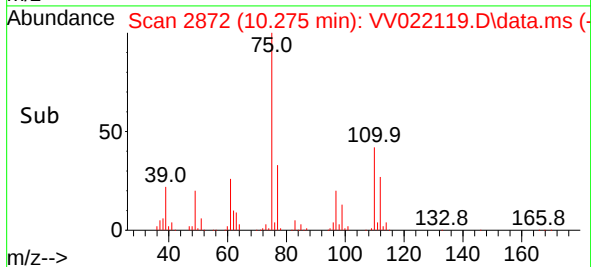
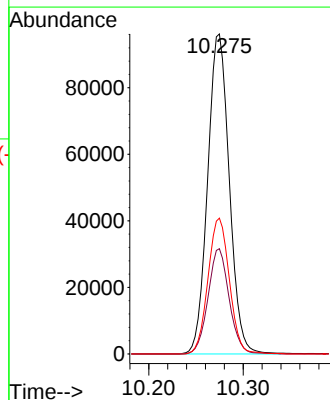
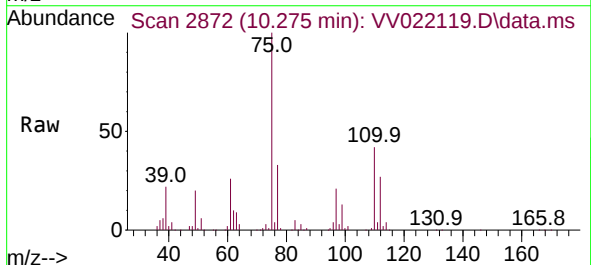
Instrument :
MSVOA_V
ClientSampleId :

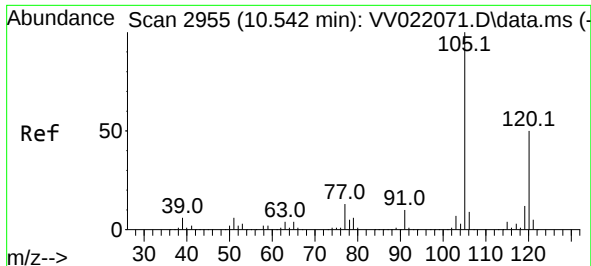
Tgt Ion:105 Resp: 560187
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.423 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 75 Resp: 153184
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 41.9 33.8 50.6





#62

1,3,5-Trimethylbenzene

Concen: 50.233 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV022119.D

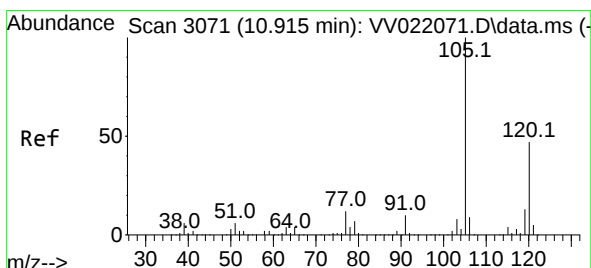
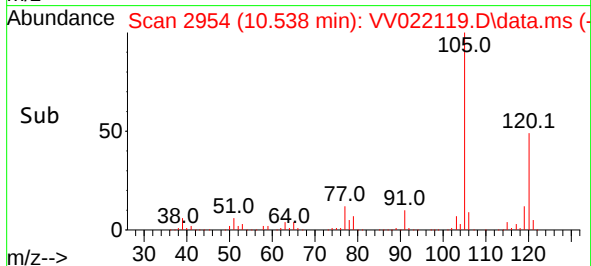
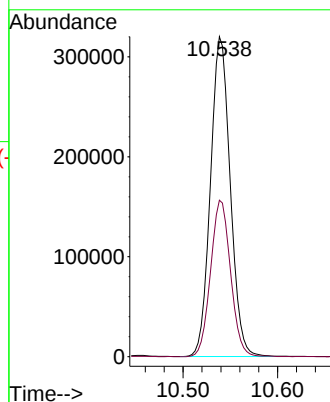
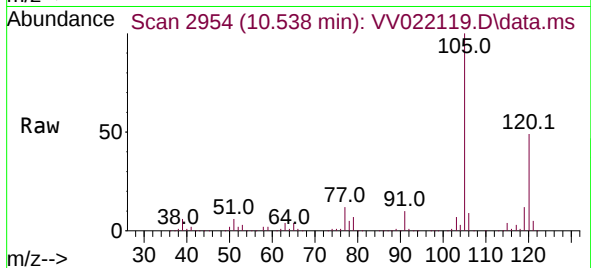
Acq: 08 Sep 2021 09:50

Tgt Ion:105 Resp: 464491

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 50.568 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV022119.D

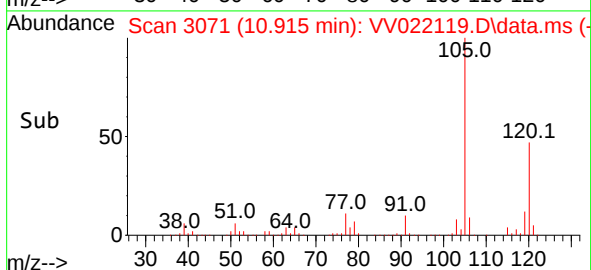
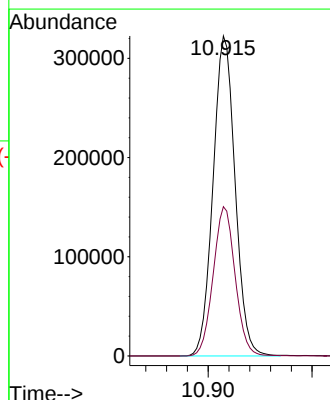
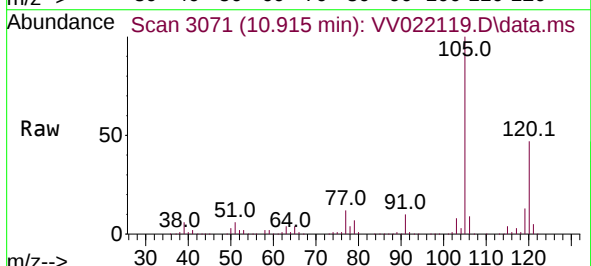
Acq: 08 Sep 2021 09:50

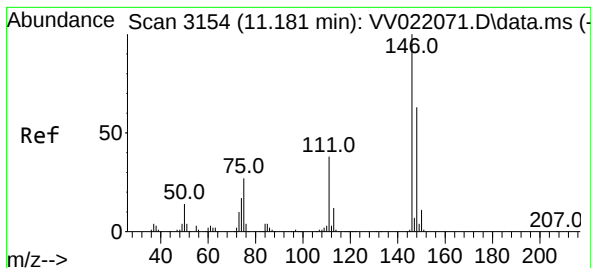
Tgt Ion:105 Resp: 475268

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 48.141 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

Tgt Ion:146 Resp: 269218

Ion Ratio Lower Upper

146 100

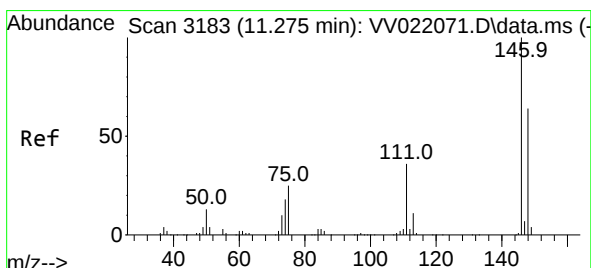
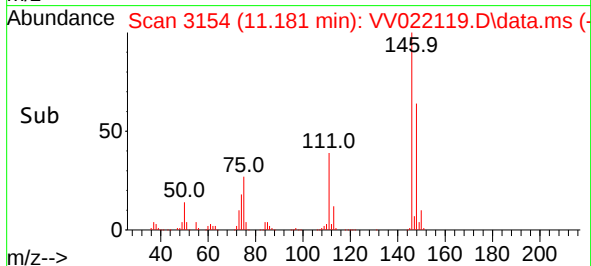
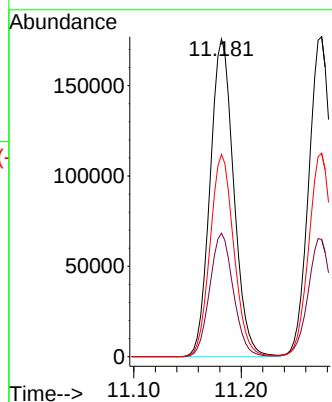
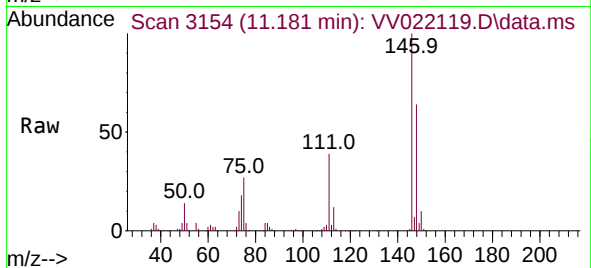
111 38.9 26.9 50.1

148 63.7 45.5 84.5

Instrument :

MSVOA_V

ClientSampleId :



#65

1,4-Dichlorobenzene

Concen: 47.465 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022119.D

Acq: 08 Sep 2021 09:50

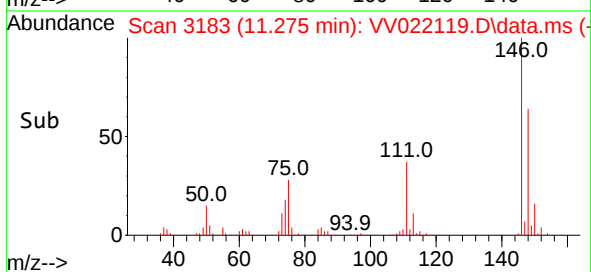
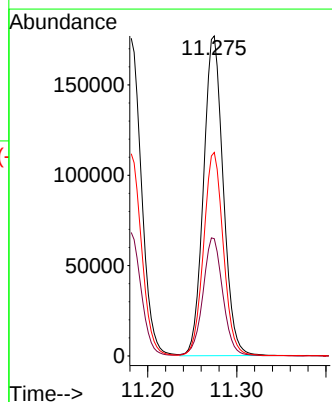
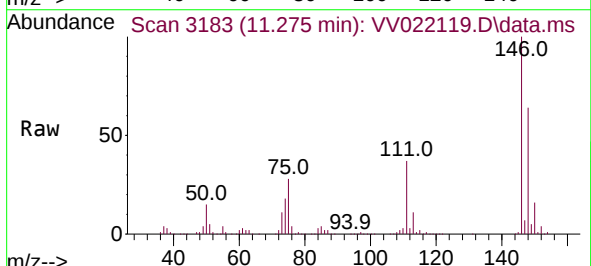
Tgt Ion:146 Resp: 271613

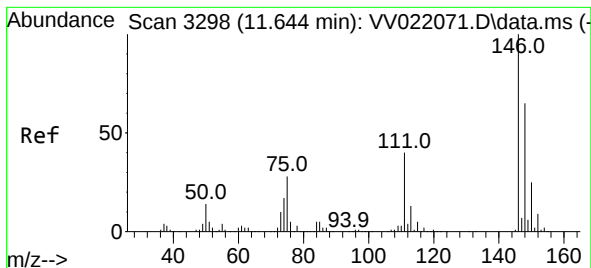
Ion Ratio Lower Upper

146 100

111 36.7 25.3 46.9

148 63.6 44.4 82.5

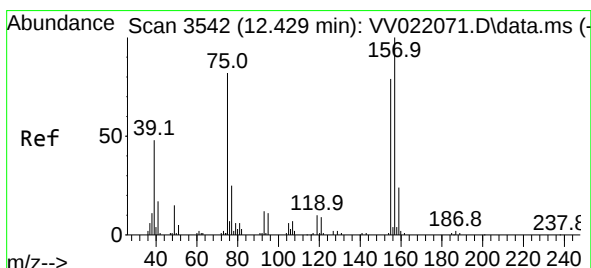
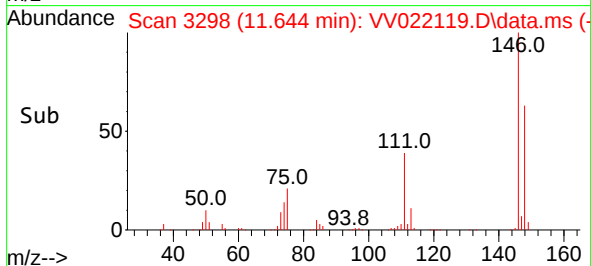
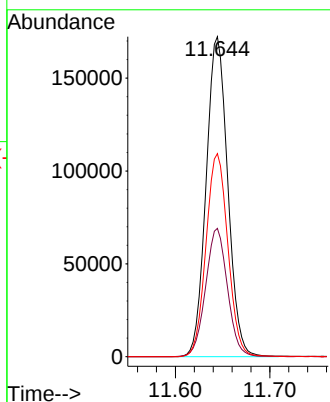
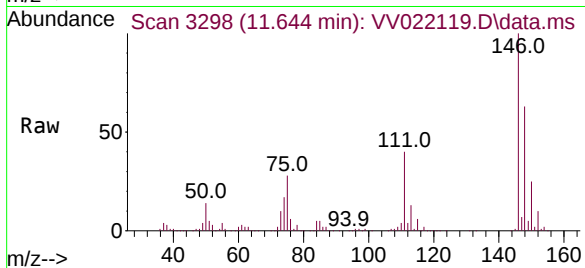




#67
1,2-Dichlorobenzene
Concen: 49.286 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

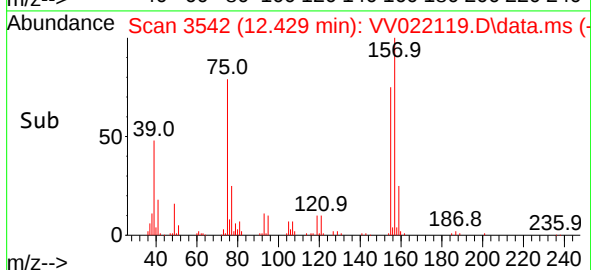
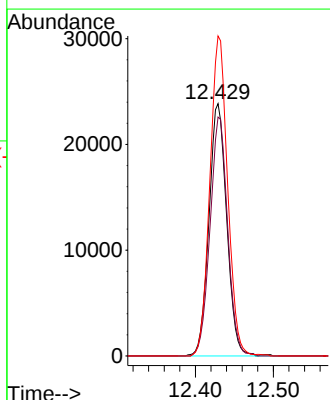
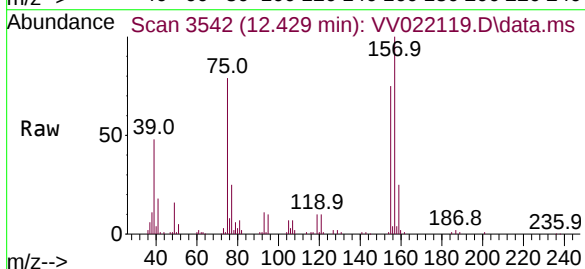
Instrument :
MSVOA_V
ClientSampleId :

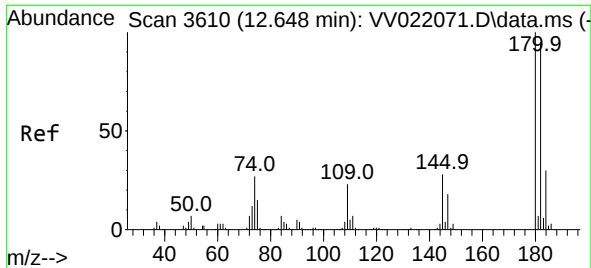
Tgt Ion:146 Resp: 273670
Ion Ratio Lower Upper
146 100
111 40.1 31.6 47.4
148 63.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.590 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion: 75 Resp: 37773
Ion Ratio Lower Upper
75 100
155 94.7 79.8 119.6
157 126.8 98.3 147.5

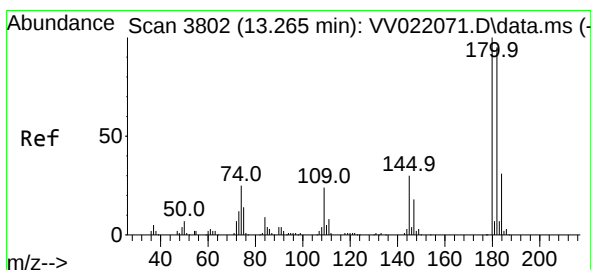
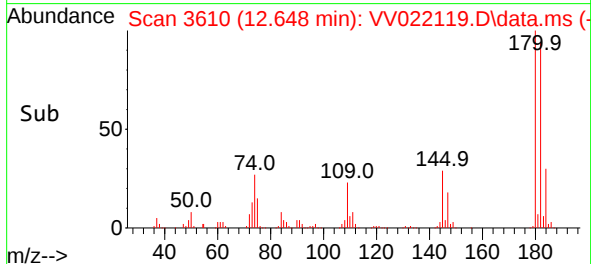
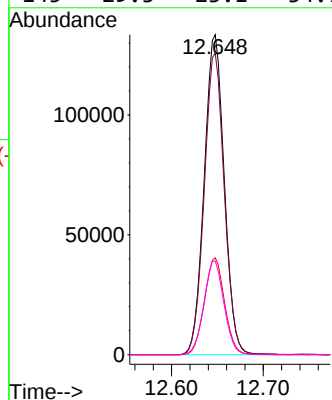
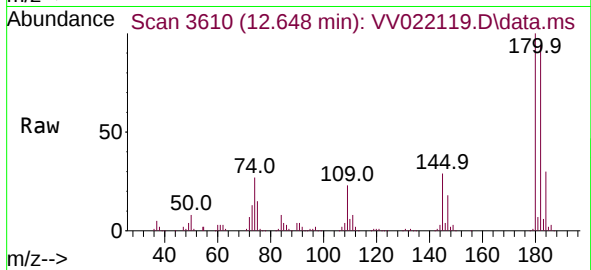




#69
1,3,5-Trichlorobenzene
Concen: 48.522 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

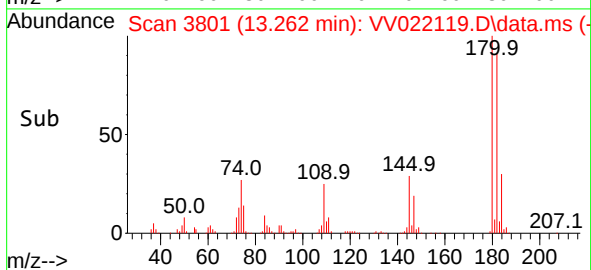
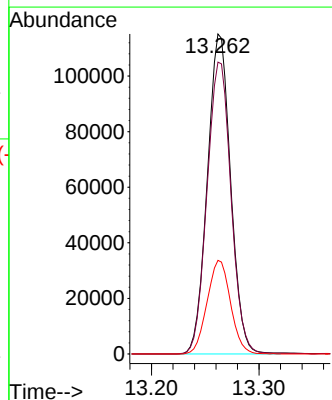
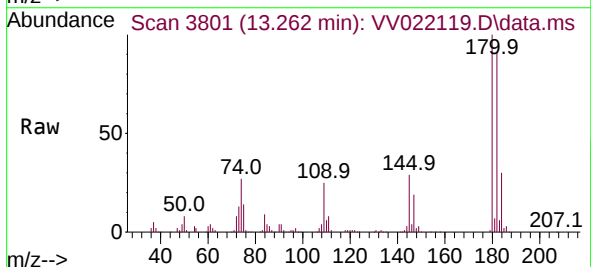
Instrument :
MSVOA_V
ClientSampleId :

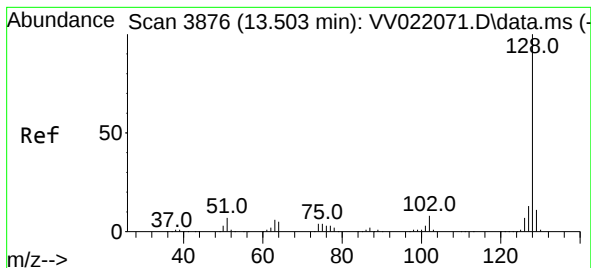
Tgt Ion:	180	Resp:	202899
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.4	114.6
184	30.4	24.0	36.0
145	29.3	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 47.077 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion:	180	Resp:	173172
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.9	113.9
145	29.4	23.8	35.6

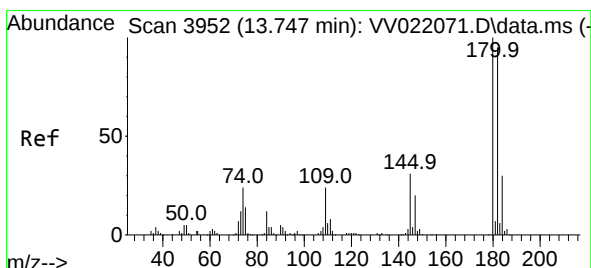
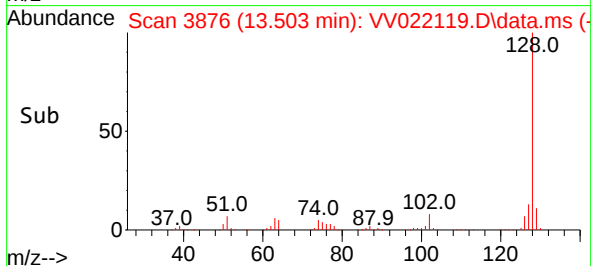
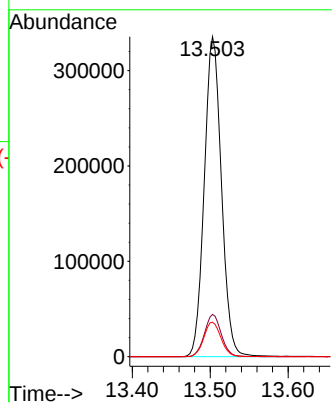
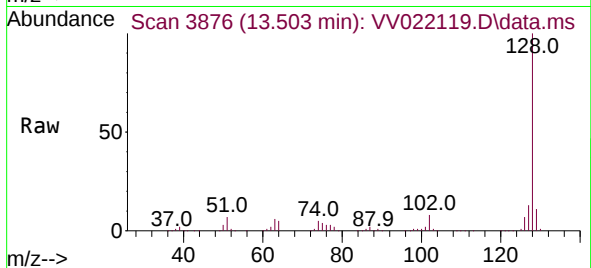




#71
Naphthalene
Concen: 48.436 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 512518
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.104 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV022119.D
Acq: 08 Sep 2021 09:50

Tgt Ion:180 Resp: 176180
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 32.3 25.4 38.0

