

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022218.D
 Acq On : 18 Sep 2021 04:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 05:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	302951	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	289069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	152033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84346	40.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.400%		
7) Chloroethane-d5	1.565	69	74236	45.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.620%		
11) 1,1-Dichloroethene-d2	2.105	63	176476	50.862	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.720%		
21) 2-Butanone-d5	3.902	46	169694	117.939	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.940%		
24) Chloroform-d	4.349	84	203019	53.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.140%		
26) 1,2-Dichloroethane-d4	5.034	65	120590	53.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.040%		
32) Benzene-d6	5.050	84	396580	50.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.160%		
36) 1,2-Dichloropropane-d6	6.072	67	126321	51.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.460%		
41) Toluene-d8	7.317	98	367822	49.697	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.400%		
43) trans-1,3-Dichloroprop...	7.625	79	50887	43.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.720%		
47) 2-Hexanone-d5	8.092	63	109713	115.964	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.960%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	172524	54.632	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.260%		
66) 1,2-Dichlorobenzene-d4	11.625	152	147177	49.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	77435	37.185	ug/L	100
3) Chloromethane	1.237	50	85155	38.618	ug/L	97
5) Vinyl chloride	1.307	62	94708	42.613	ug/L	99
6) Bromomethane	1.520	94	60041	44.933	ug/L	98
8) Chloroethane	1.581	64	64646	46.496	ug/L	99
9) Trichlorofluoromethane	1.748	101	152885	48.305	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	93050	50.125	ug/L	98
12) 1,1-Dichloroethene	2.114	96	86988	49.779	ug/L	88
13) Acetone	2.439	43	120144	99.659	ug/L	100
14) Carbon disulfide	2.291	76	202141	38.336	ug/L	100
15) Methyl Acetate	2.439	43	129478	55.151	ug/L	99
16) Methylene chloride	2.503	84	117111	50.021	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	98475	46.607	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	345236	51.419	ug/L	99
19) 1,1-Dichloroethane	3.188	63	197731	52.544	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	114627	48.744	ug/L	98
22) 2-Butanone	3.986	43	176884	104.382	ug/L	98
23) Bromochloromethane	4.249	128	63727	50.885	ug/L	99
25) Chloroform	4.378	83	208808	52.417	ug/L	100

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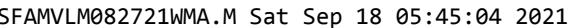
Instrument :
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 ClientSampleId :

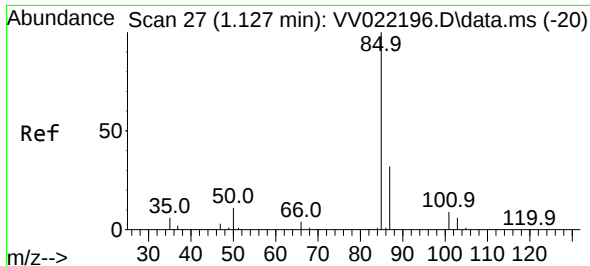
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	146471	54.852	ug/L	99
29) Cyclohexane	4.677	56	143976	44.555	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	174409	50.765	ug/L	99
31) Carbon tetrachloride	4.828	117	146381	49.592	ug/L	100
33) Benzene	5.101	78	431614	51.320	ug/L	100
34) Trichloroethene	5.915	95	116522	48.912	ug/L	99
35) Methylcyclohexane	6.130	83	152028	43.653	ug/L	99
37) 1,2-Dichloropropane	6.175	63	114139	52.355	ug/L	100
38) Bromodichloromethane	6.513	83	146415	52.517	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	154721	45.967	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	345349	116.848	ug/L	98
42) Toluene	7.391	91	466159	51.356	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	148390	47.369	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	119186	53.731	ug/L	99
46) Tetrachloroethene	7.979	164	84476	45.604	ug/L	98
48) 2-Hexanone	8.143	43	262511	114.474	ug/L	98
49) Dibromochloromethane	8.249	129	123203	51.888	ug/L	97
50) 1,2-Dibromoethane	8.355	107	124125	52.139	ug/L	98
51) Chlorobenzene	8.883	112	304201	49.845	ug/L	99
52) Ethylbenzene	9.014	91	484716	49.330	ug/L	99
53) m,p-Xylene	9.140	106	189523	49.623	ug/L	98
54) o-Xylene	9.545	106	190346	50.370	ug/L	99
55) Styrene	9.561	104	335000	51.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	176816	55.015	ug/L	99
59) Bromoform	9.735	173	85225	52.779	ug/L	99
60) Isopropylbenzene	9.934	105	494418	51.755	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	151322	57.429	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	403032	50.253	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	411644	50.497	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	234977	48.445	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	236150	47.580	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	244912	50.853	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	34004	53.546	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	162700	44.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	137666	43.149	ug/L	99
71) Naphthalene	13.503	128	458393	49.947	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	150502	48.364	ug/L	99

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

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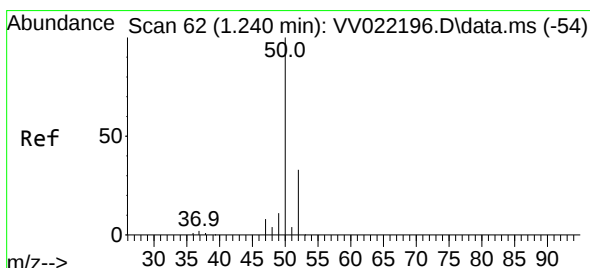
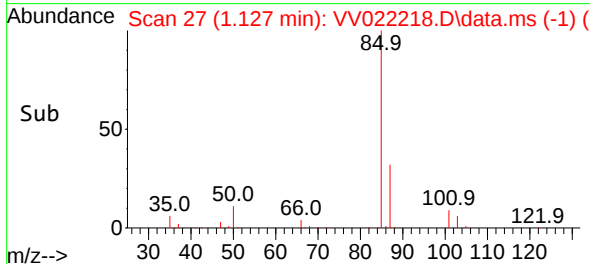
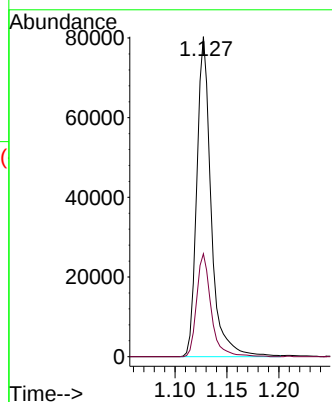
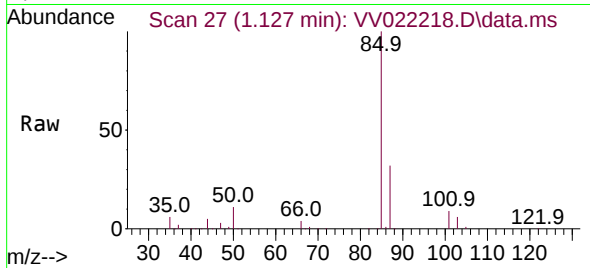




#2
Dichlorodifluoromethane
Concen: 37.185 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

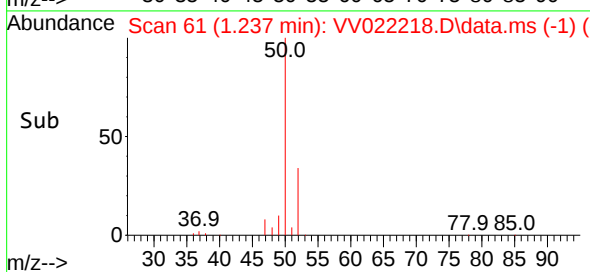
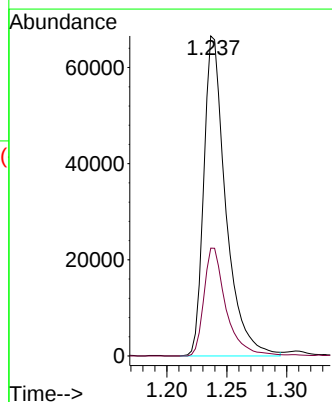
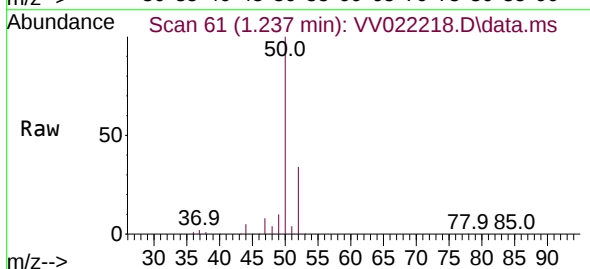
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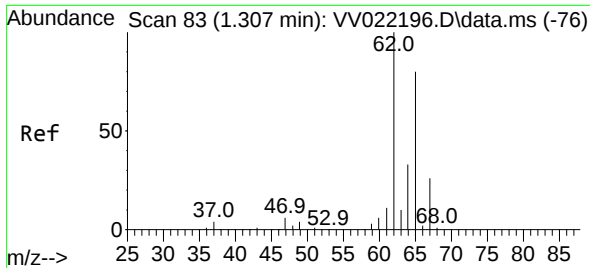
Tgt Ion: 85 Resp: 77435
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 38.618 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 50 Resp: 85155
Ion Ratio Lower Upper
50 100
52 33.7 22.5 41.9

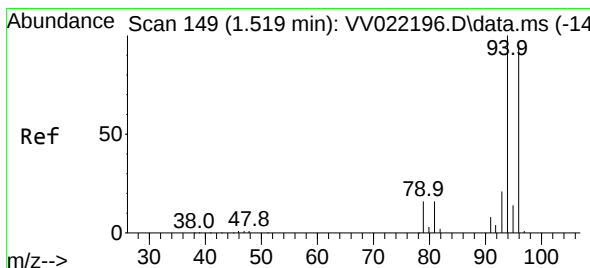
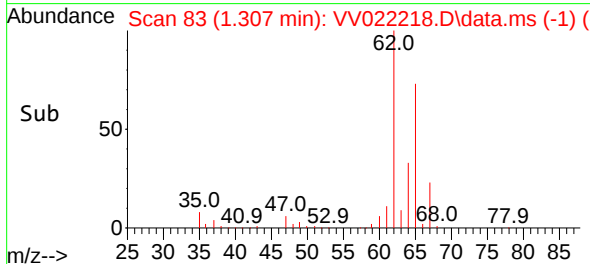
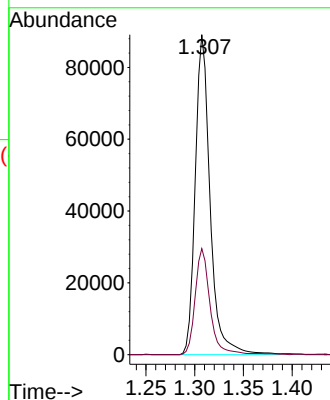
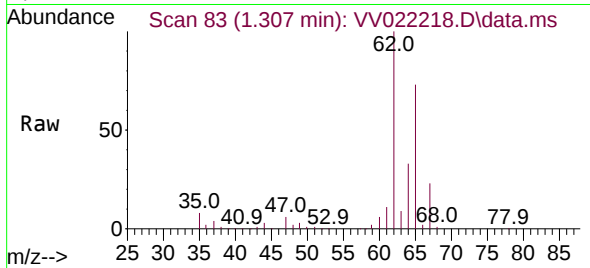




#5
 Vinyl chloride
 Concen: 42.613 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

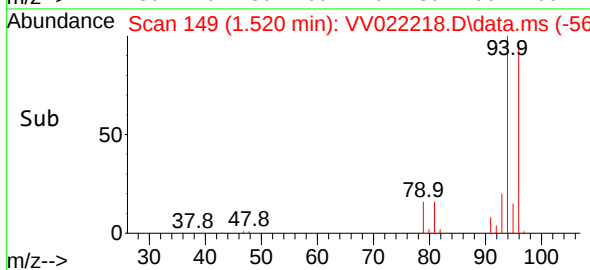
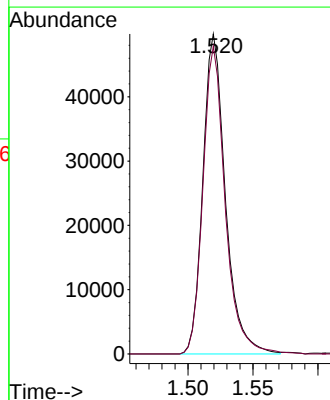
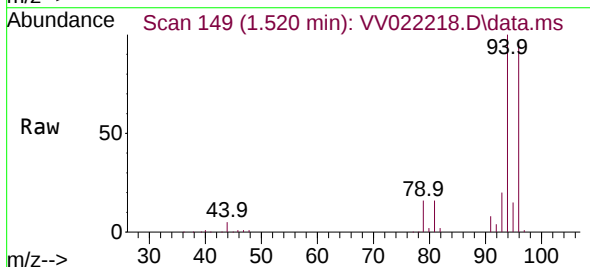
Instrument :
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 ClientSampled :

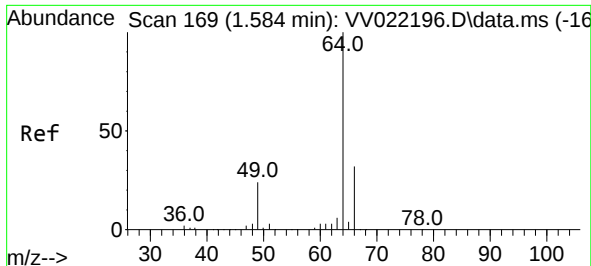
Tgt Ion: 62 Resp: 94708
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 44.933 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

Tgt Ion: 94 Resp: 60041
 Ion Ratio Lower Upper
 94 100
 96 96.2 65.8 122.2

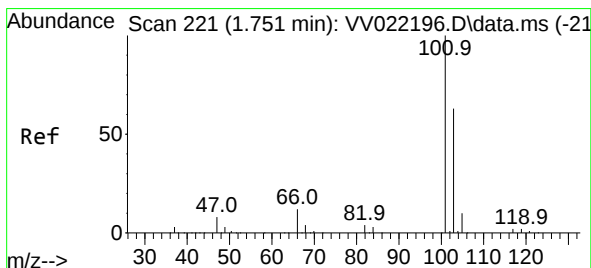
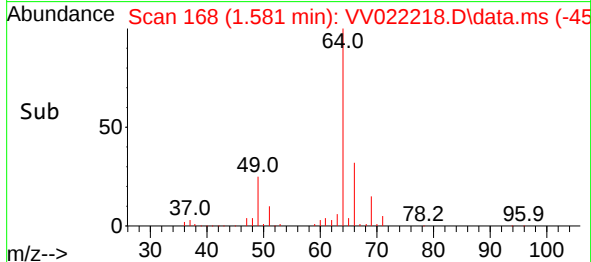
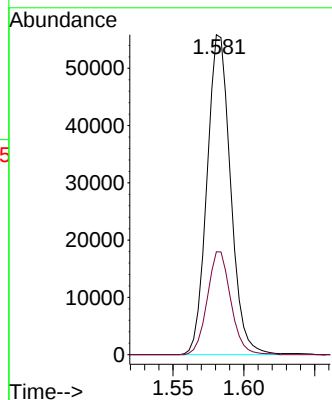
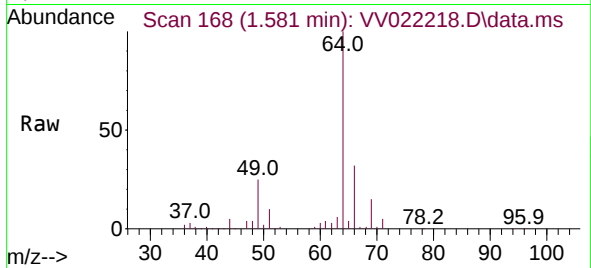




#8
Chloroethane
Concen: 46.496 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

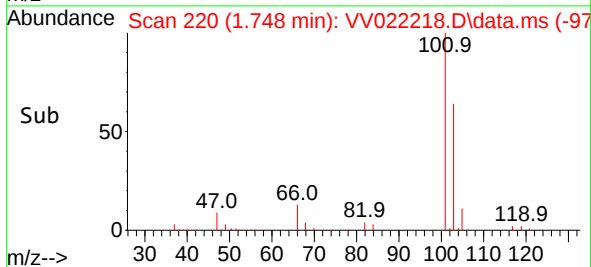
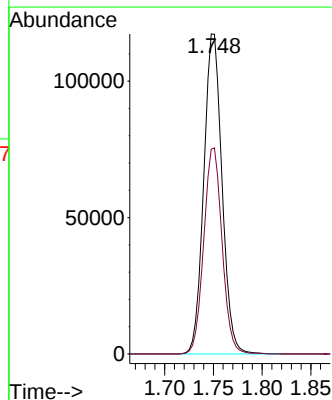
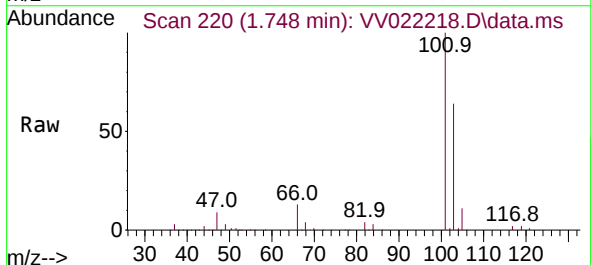
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ClientSampled :

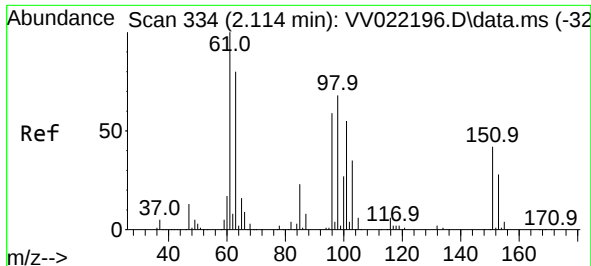
Tgt Ion: 64 Resp: 64646
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.305 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:101 Resp: 152885
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

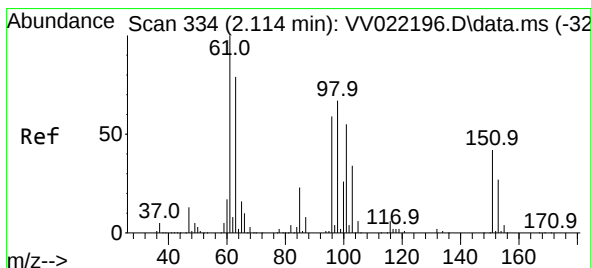
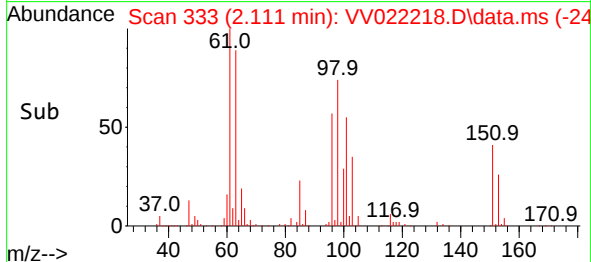
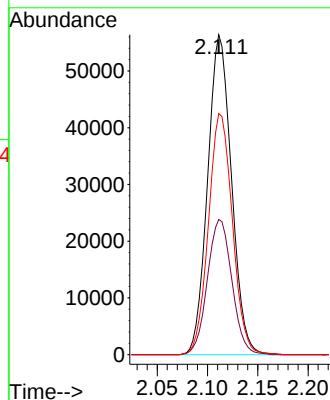
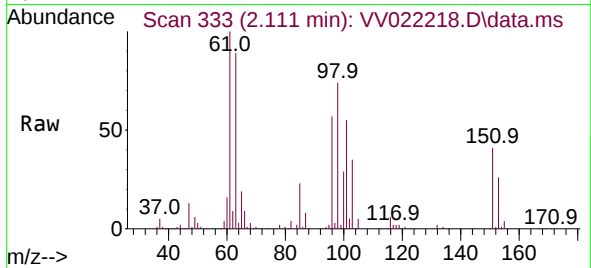




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.125 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

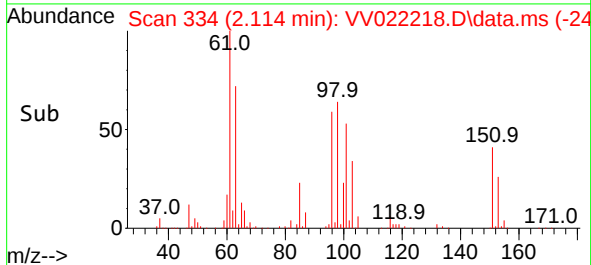
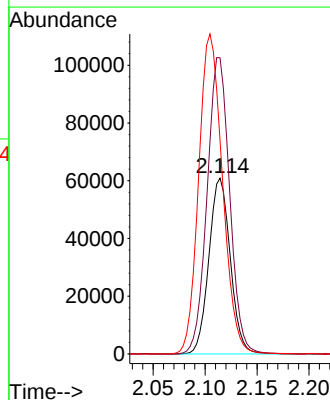
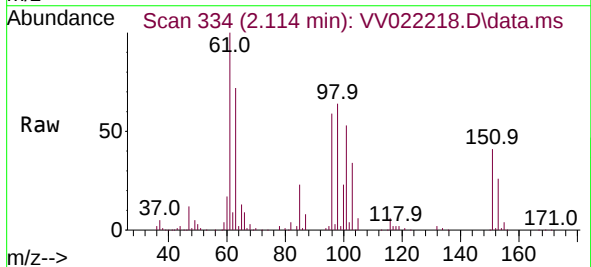
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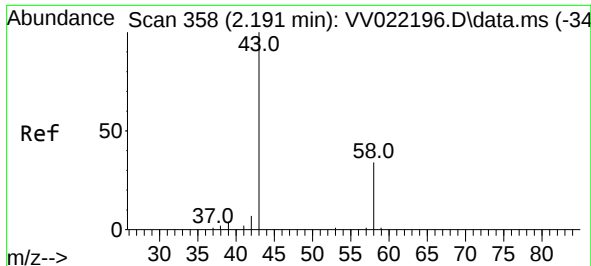
Tgt Ion:101 Resp: 93050
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.4 50.0
 151 75.8 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 49.779 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

Tgt Ion: 96 Resp: 86988
 Ion Ratio Lower Upper
 96 100
 61 168.4 113.2 210.2
 63 121.5 102.3 189.9

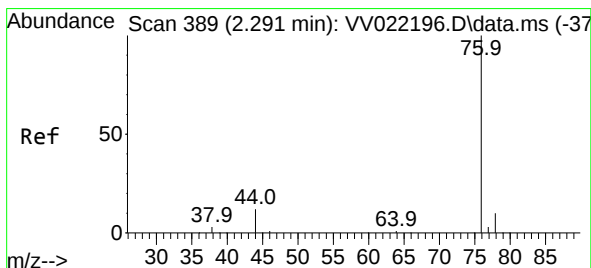
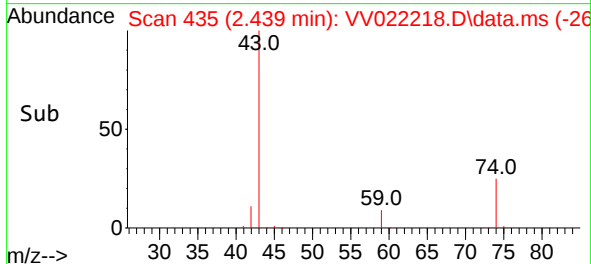
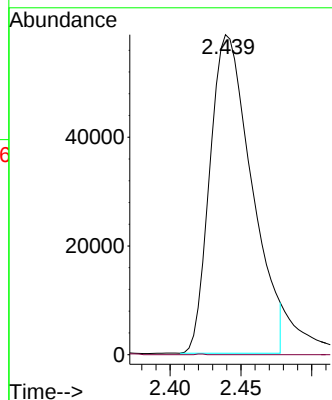
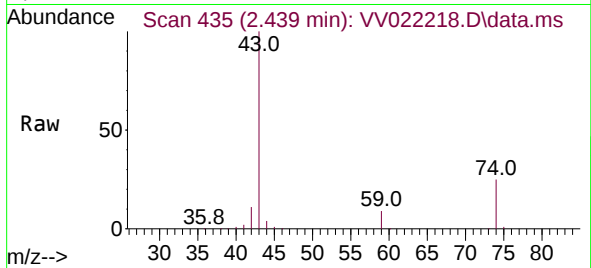




#13
Acetone
Concen: 99.659 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.248 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

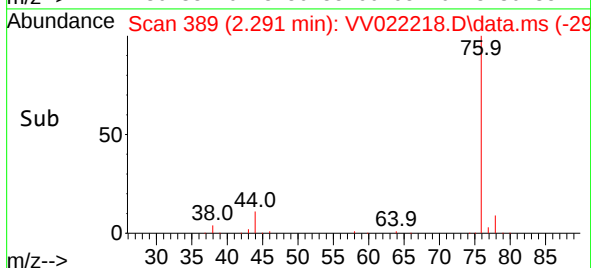
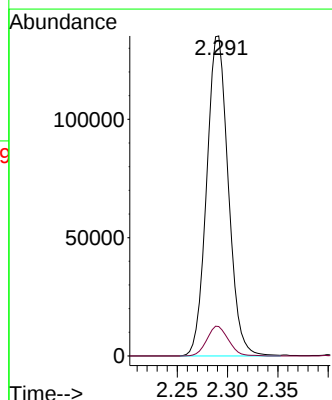
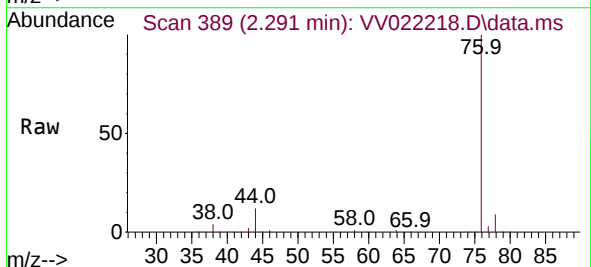
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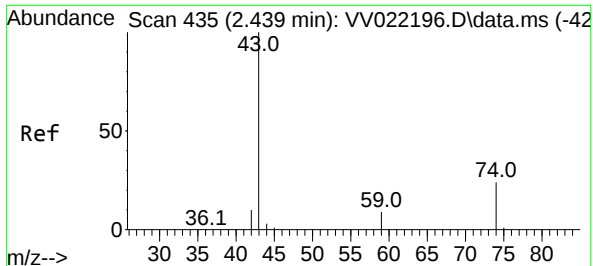
Tgt Ion: 43 Resp: 120144
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 38.336 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 202141
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

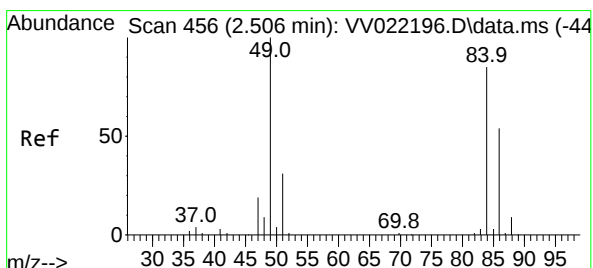
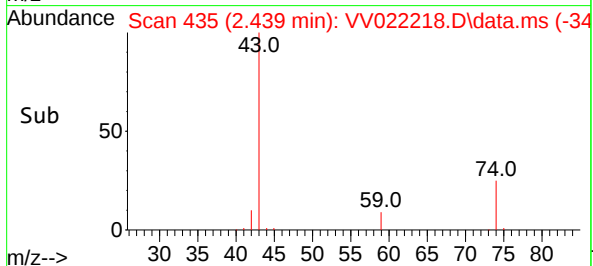
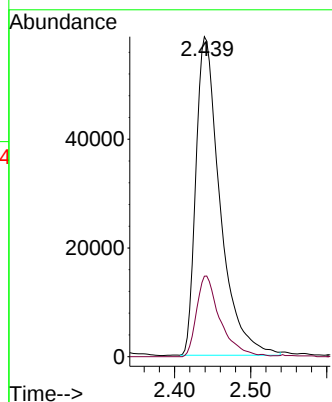
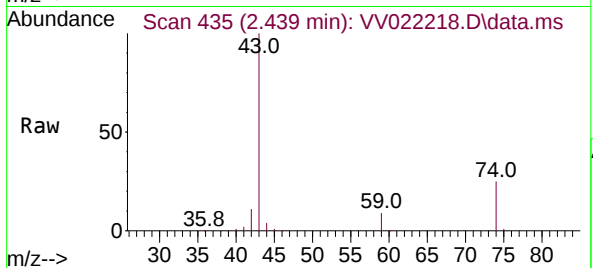




#15
Methyl Acetate
Concen: 55.151 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

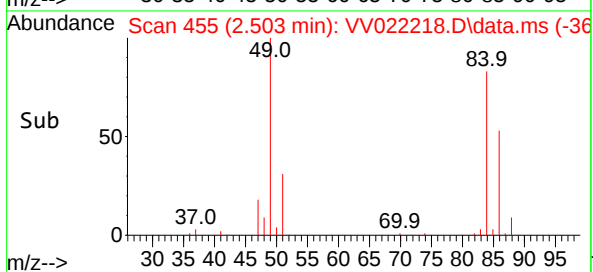
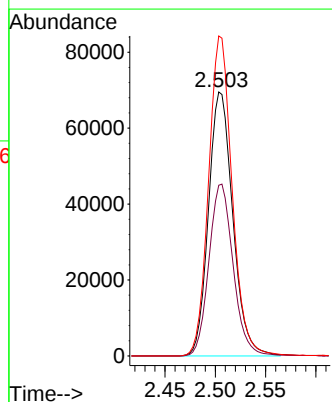
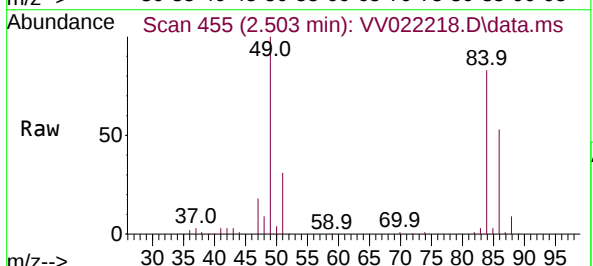
Instrument :
MSVOA_V
ClientSampled :

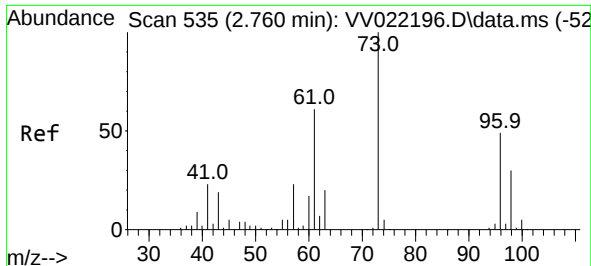
Tgt Ion: 43 Resp: 129478
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2



#16
Methylene chloride
Concen: 50.021 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 84 Resp: 117111
Ion Ratio Lower Upper
84 100
86 64.7 44.8 83.2
49 121.2 80.2 149.0

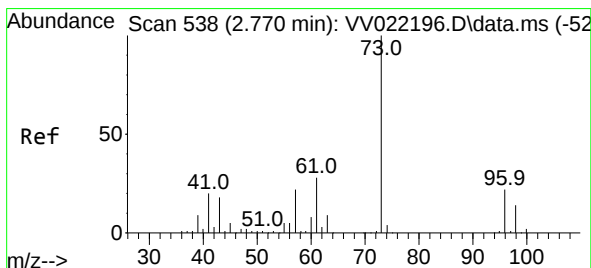
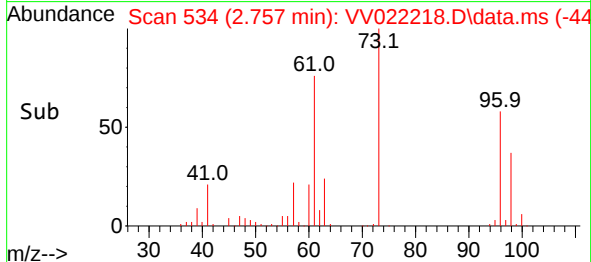
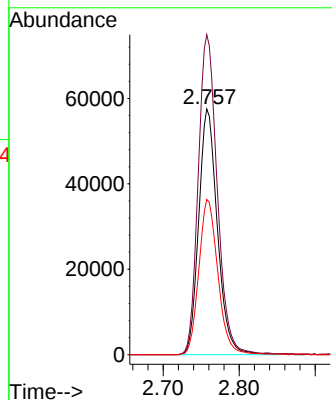
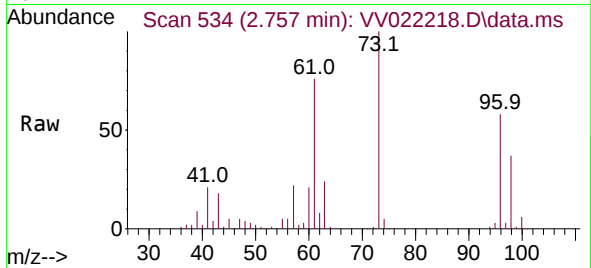




#17
trans-1,2-Dichloroethene
Concen: 46.607 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

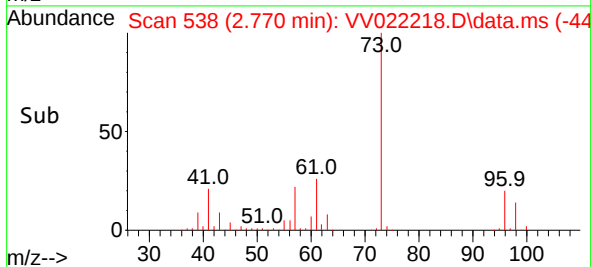
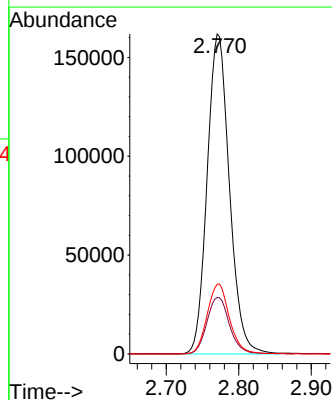
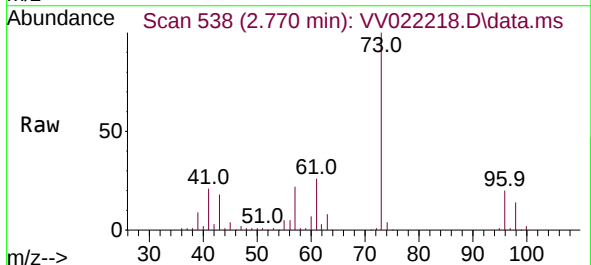
Instrument :
MSVOA_V
ClientSampleId :

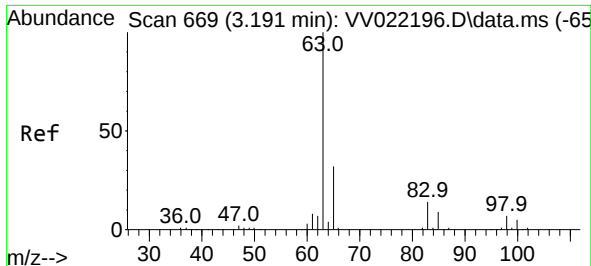
Tgt Ion: 96 Resp: 98475
Ion Ratio Lower Upper
96 100
61 130.2 89.1 165.5
98 63.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 51.419 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 73 Resp: 345236
Ion Ratio Lower Upper
73 100
43 17.8 13.8 20.6
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 52.544 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV022218.D

Acq: 18 Sep 2021 04:43

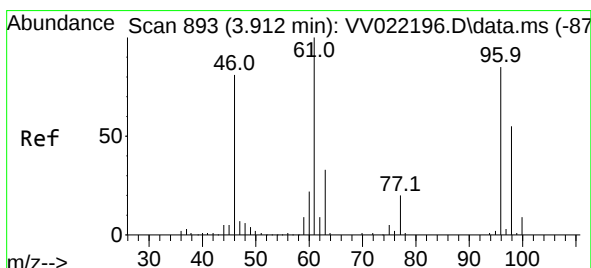
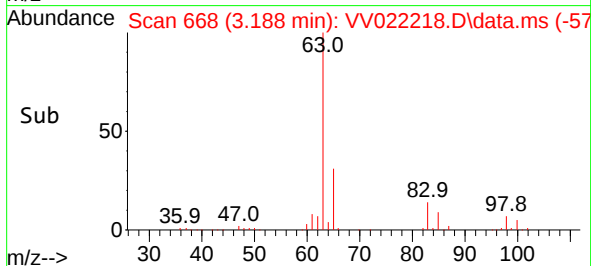
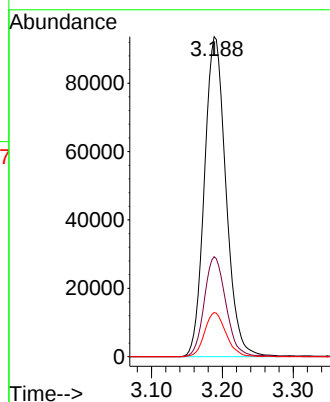
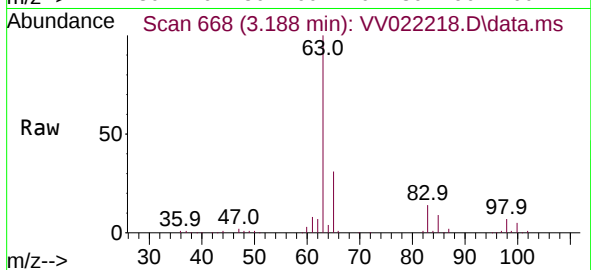
Tgt Ion: 63 Resp: 197731

Ion Ratio Lower Upper

63 100

65 31.2 22.2 41.2

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 48.744 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV022218.D

Acq: 18 Sep 2021 04:43

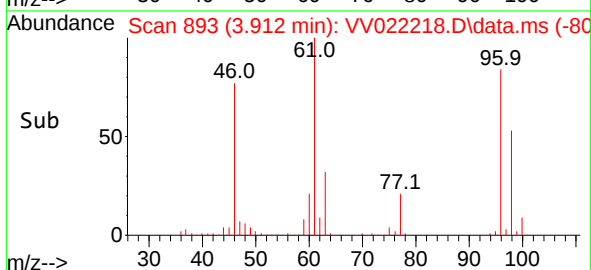
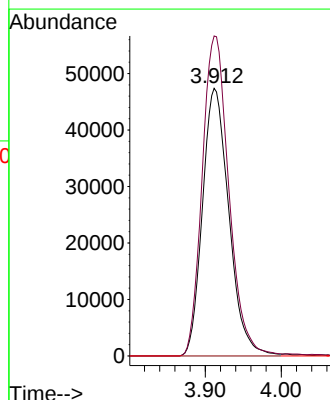
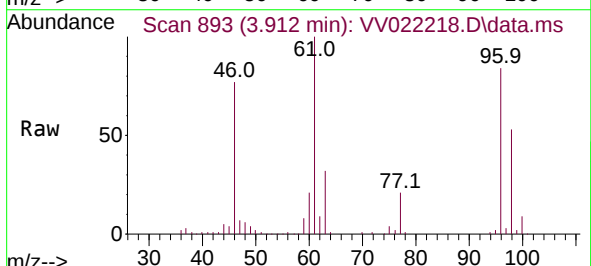
Tgt Ion: 96 Resp: 114627

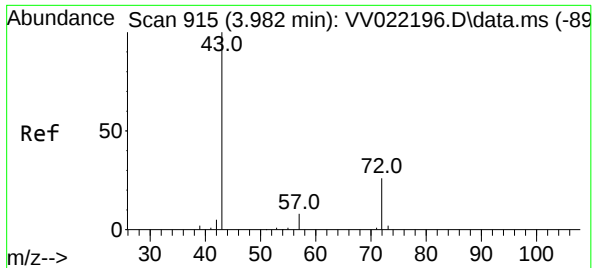
Ion Ratio Lower Upper

96 100

61 119.5 81.8 152.0

68 0.0 0.0 0.0

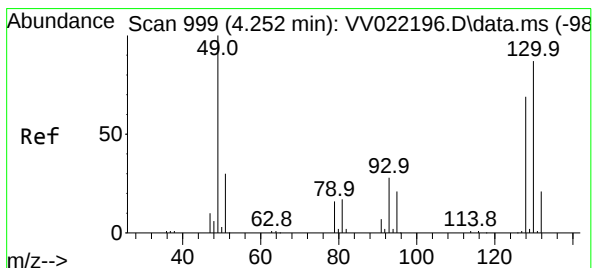
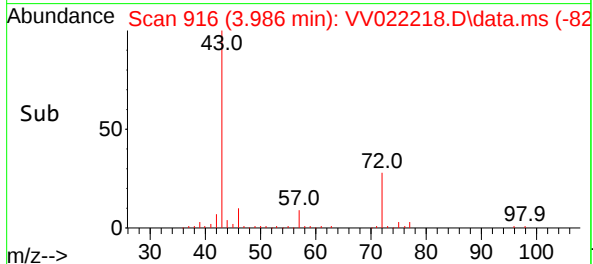
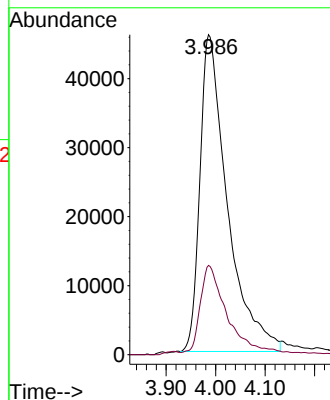
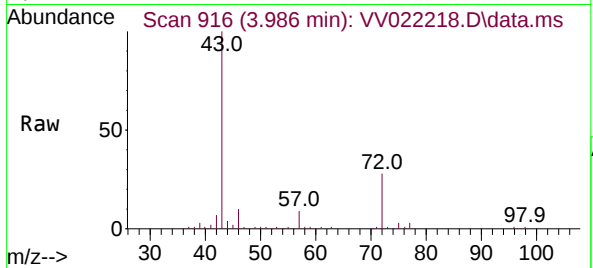




#22
2-Butanone
Concen: 104.382 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

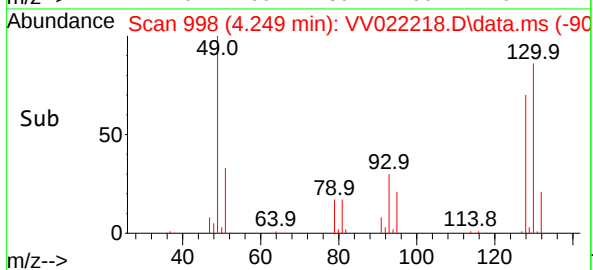
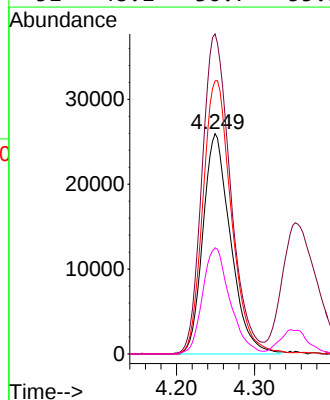
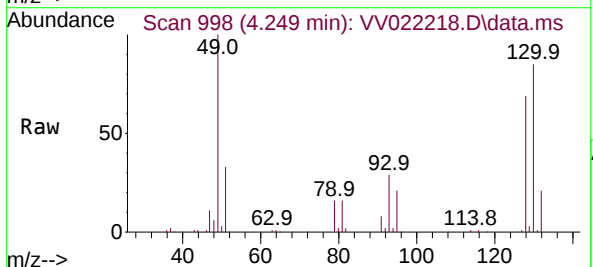
Instrument :
MSVOA_V
ClientSampled :

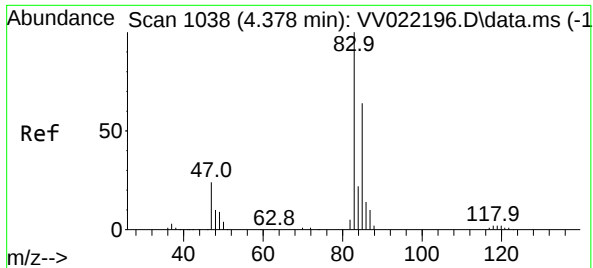
Tgt Ion: 43 Resp: 176884
Ion Ratio Lower Upper
43 100
72 25.4 13.3 39.8



#23
Bromochloromethane
Concen: 50.885 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:128 Resp: 63727
Ion Ratio Lower Upper
128 100
49 145.2 101.6 188.8
130 123.9 88.5 164.3
51 48.1 36.7 55.1

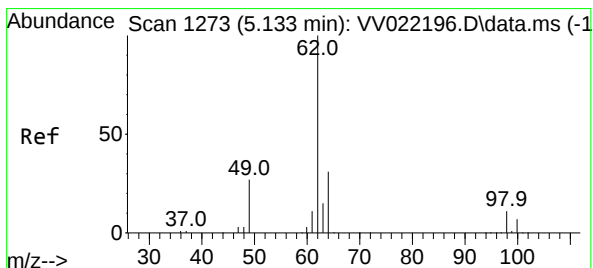
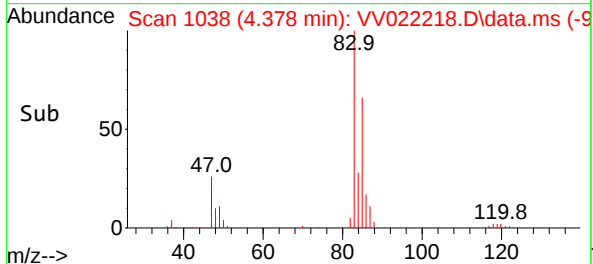
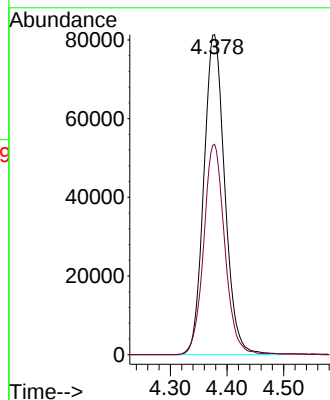
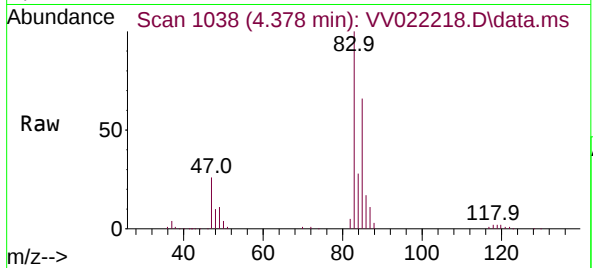




#25
Chloroform
Concen: 52.417 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

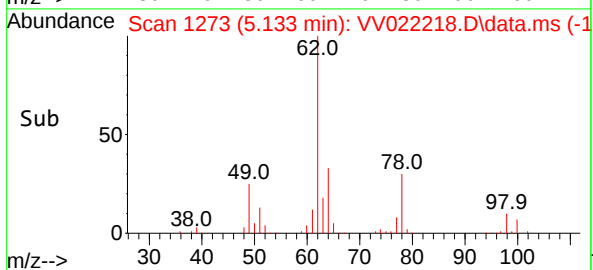
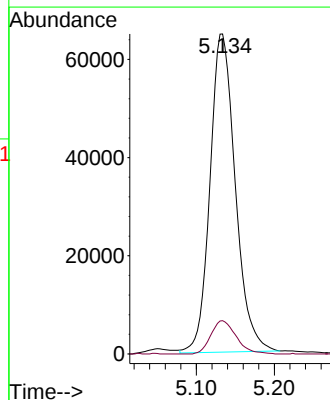
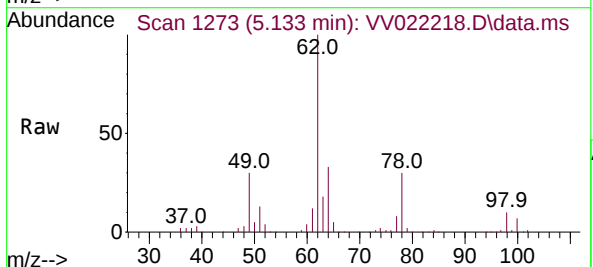
Instrument :
MSVOA_V
ClientSampled :

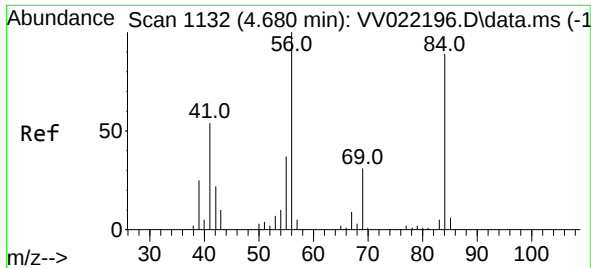
Tgt Ion: 83 Resp: 208808
Ion Ratio Lower Upper
83 100
85 65.7 46.3 85.9



#27
1,2-Dichloroethane
Concen: 54.852 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 62 Resp: 146471
Ion Ratio Lower Upper
62 100
98 10.4 8.5 12.7

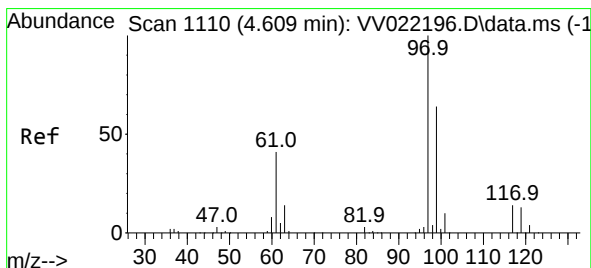
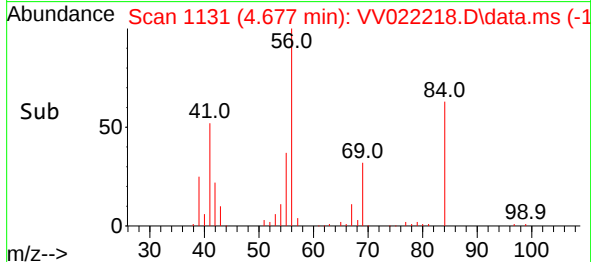
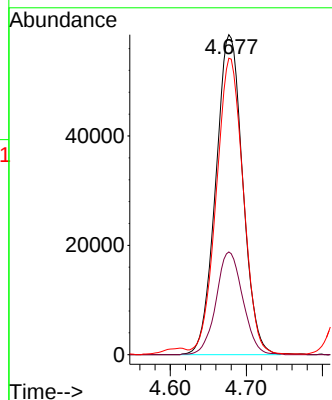
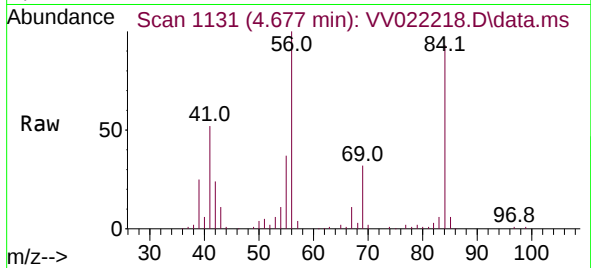




#29
Cyclohexane
Concen: 44.555 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

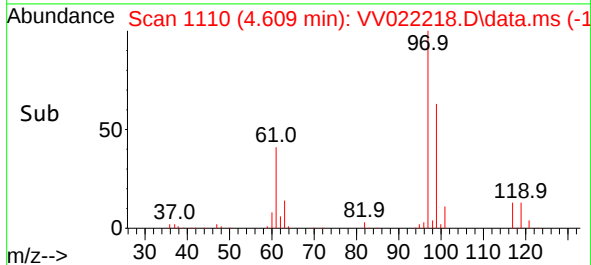
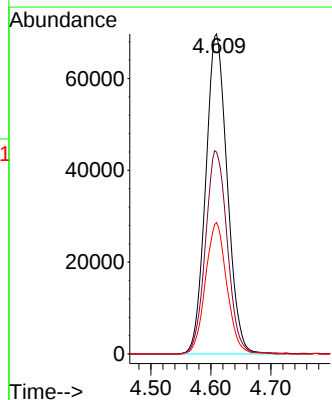
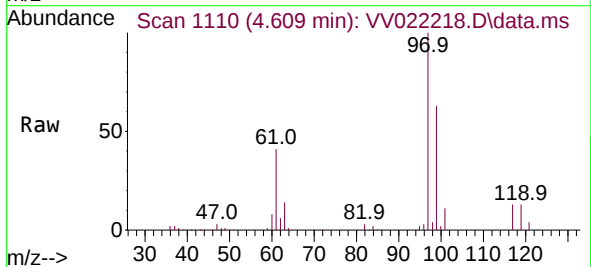
Instrument :
MSVOA_V
ClientSampleId :

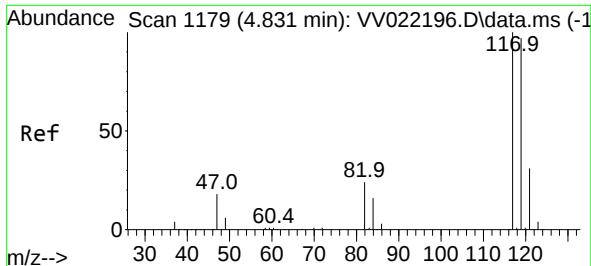
Tgt Ion: 56 Resp: 143976
Ion Ratio Lower Upper
56 100
69 31.8 25.2 37.8
84 92.1 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 50.765 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 97 Resp: 174409
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 40.8 31.8 47.8

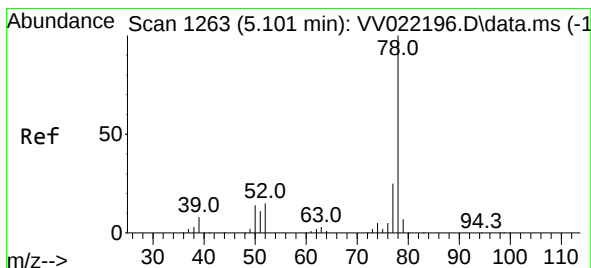
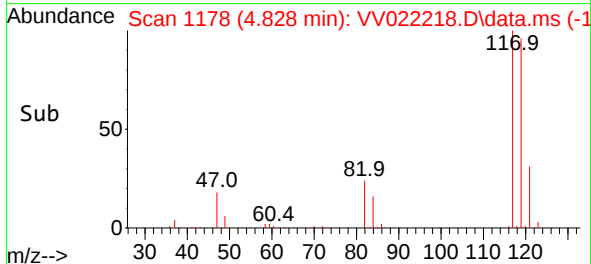
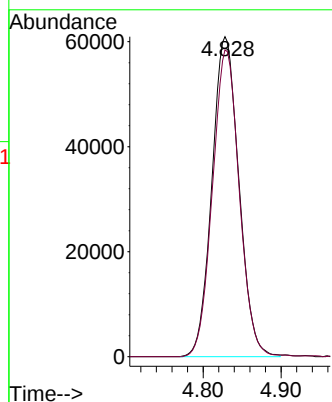
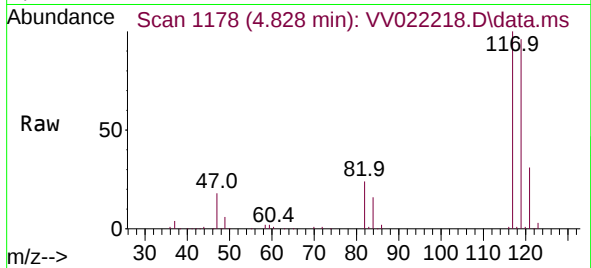




#31
Carbon tetrachloride
Concen: 49.592 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

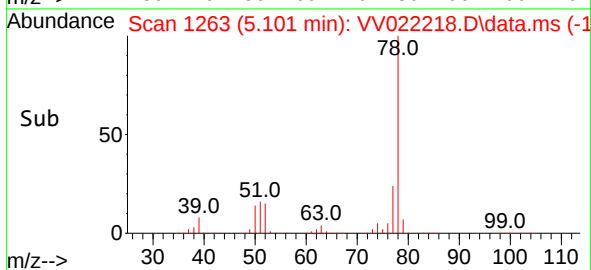
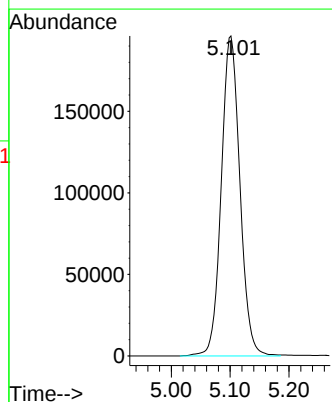
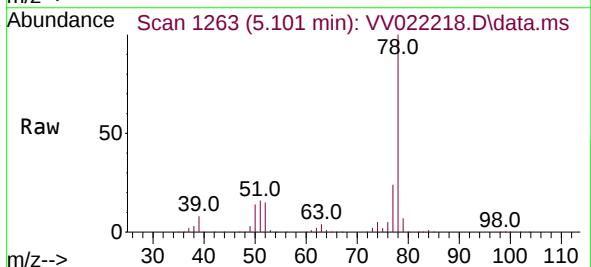
Instrument :
MSVOA_V
ClientSampled :

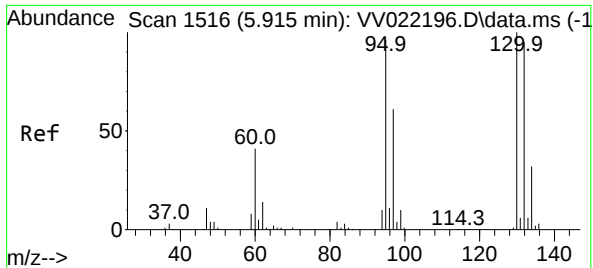
Tgt Ion:117 Resp: 146381
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8



#33
Benzene
Concen: 51.320 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 78 Resp: 431614

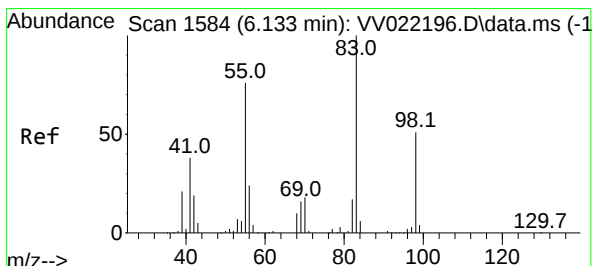
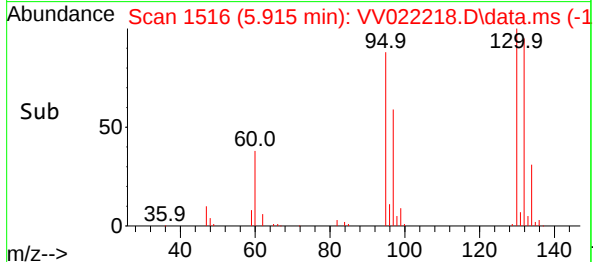
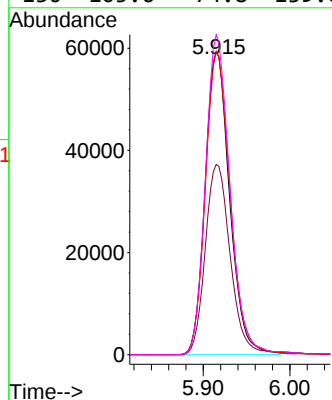
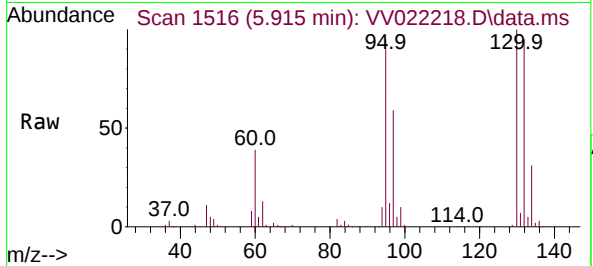




#34
Trichloroethene
Concen: 48.912 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

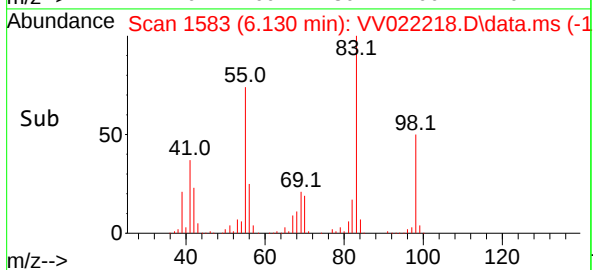
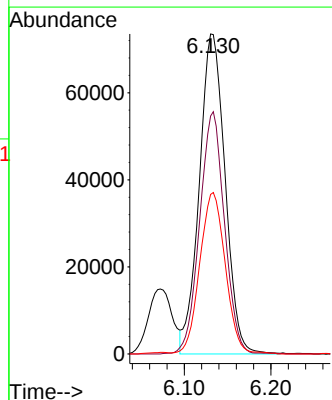
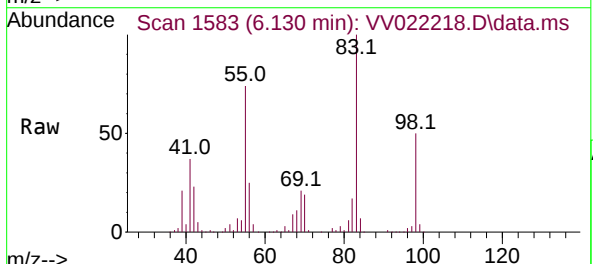
Instrument :
MSVOA_V
ClientSampleId :

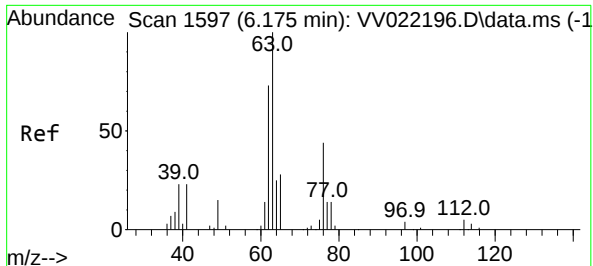
Tgt Ion: 95 Resp: 116522
Ion Ratio Lower Upper
95 100
97 62.8 44.1 81.9
132 100.0 70.7 131.3
130 105.6 74.8 139.0



#35
Methylcyclohexane
Concen: 43.653 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 83 Resp: 152028
Ion Ratio Lower Upper
83 100
55 72.9 56.8 85.2
98 50.1 39.9 59.9

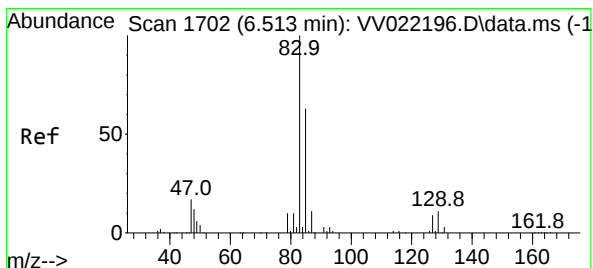
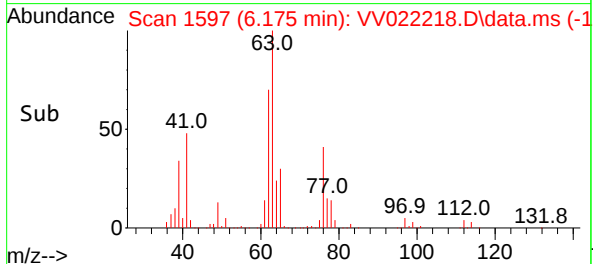
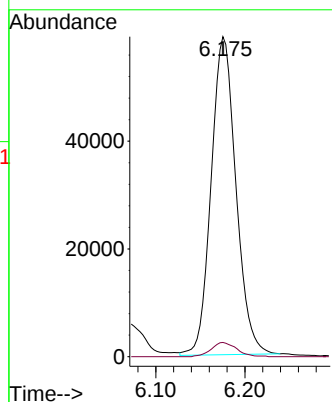
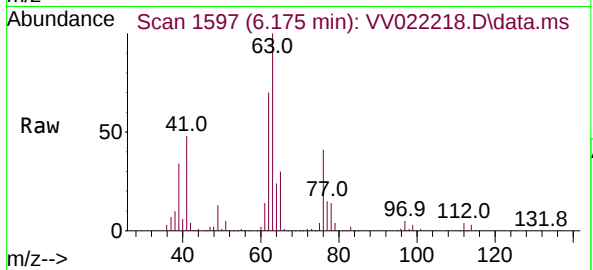




#37
1,2-Dichloropropane
Concen: 52.355 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

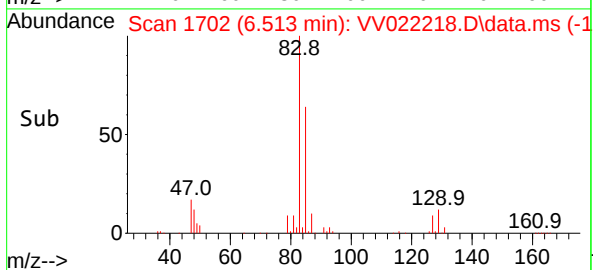
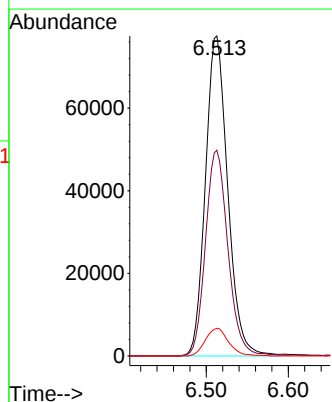
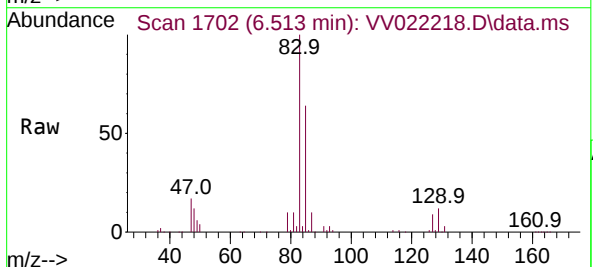
Instrument :
MSVOA_V
ClientSampled :

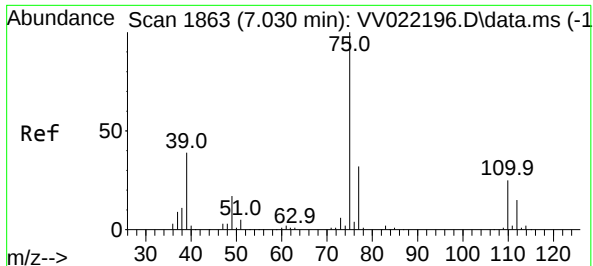
Tgt Ion: 63 Resp: 114139
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 52.517 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 83 Resp: 146415
Ion Ratio Lower Upper
83 100
85 64.3 44.8 83.2
127 8.7 7.3 10.9

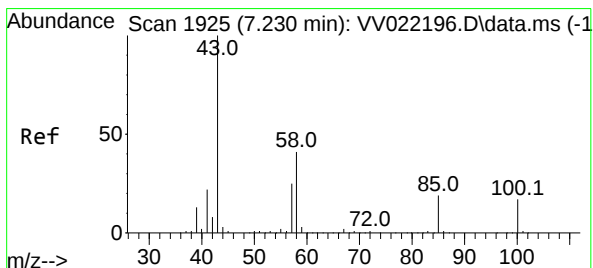
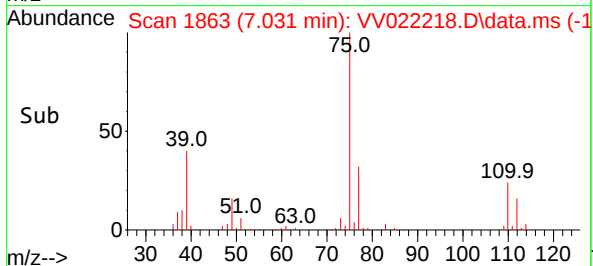
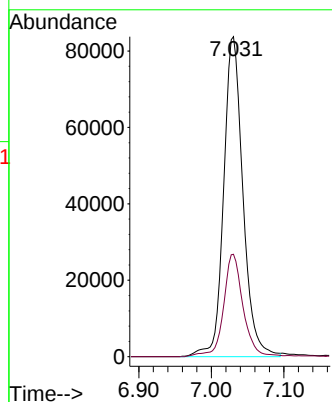
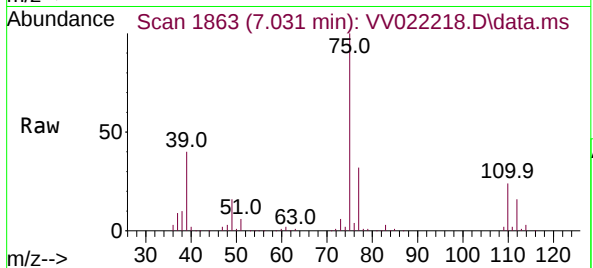




#39
 cis-1,3-Dichloropropene
 Concen: 45.967 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

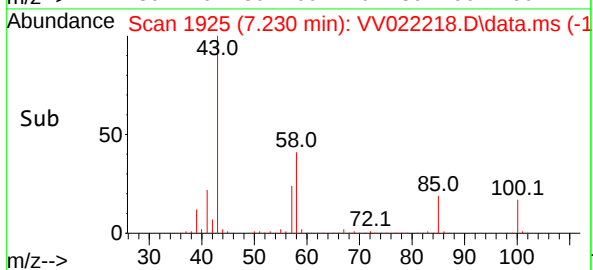
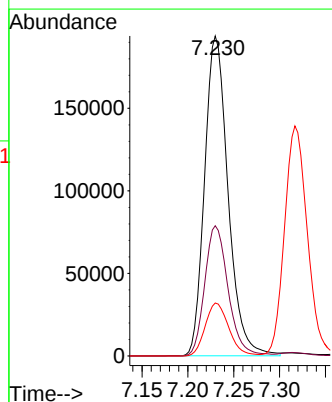
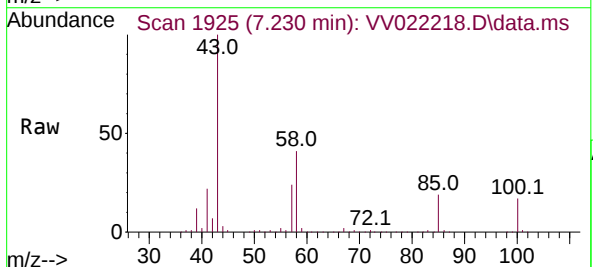
Instrument :
 MSVOA_V
 ClientSampled :

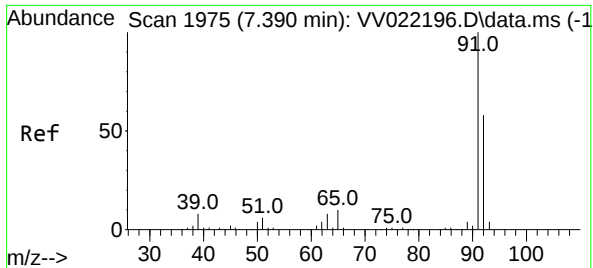
Tgt Ion: 75 Resp: 154721
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 116.848 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

Tgt Ion: 43 Resp: 345349
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.3 49.9
 100 16.6 14.5 21.7

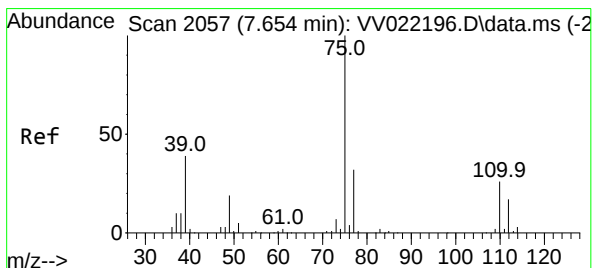
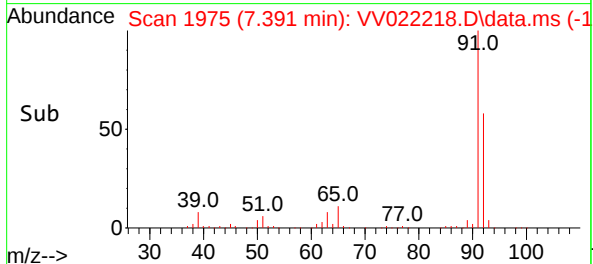
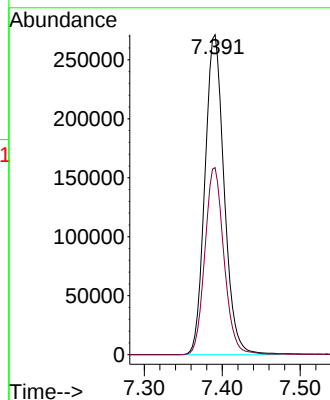
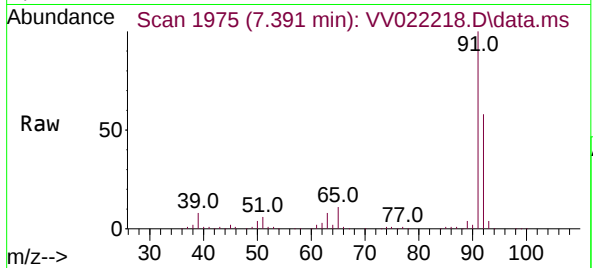




#42
Toluene
Concen: 51.356 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

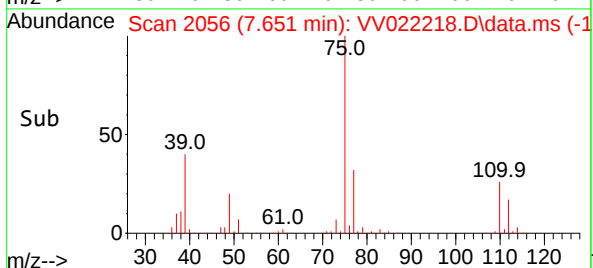
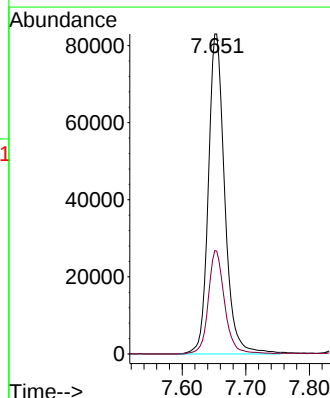
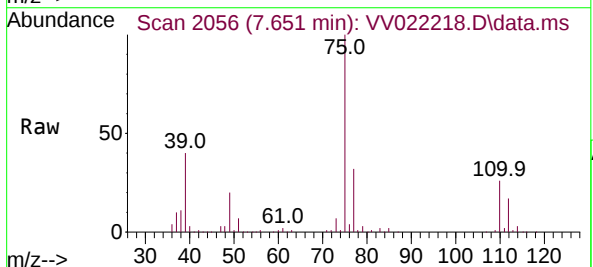
Instrument :
MSVOA_V
ClientSampled :

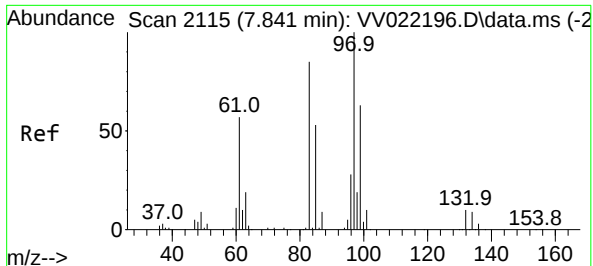
Tgt Ion: 91 Resp: 466159
Ion Ratio Lower Upper
91 100
92 58.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 47.369 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 75 Resp: 148390
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 53.731 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV022218.D

Acq: 18 Sep 2021 04:43

Tgt Ion: 97 Resp: 119186

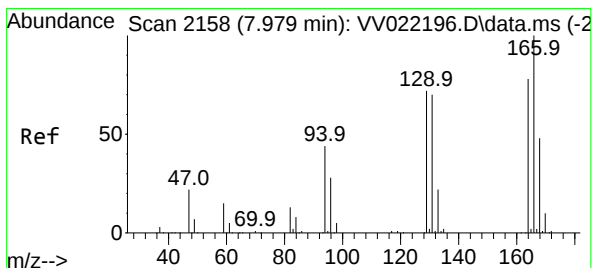
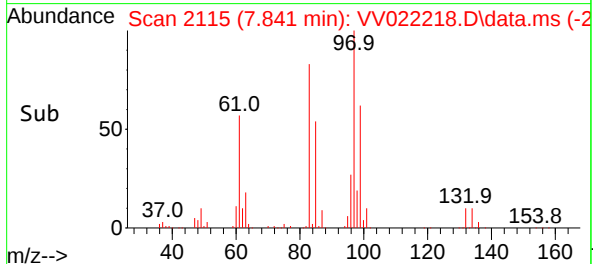
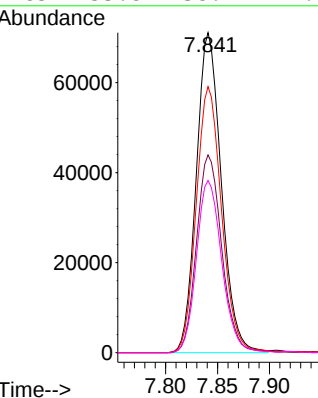
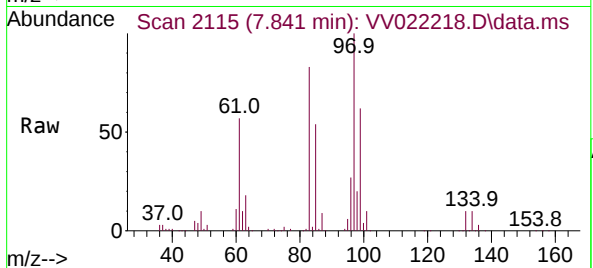
Ion Ratio Lower Upper

97 100

99 61.8 43.8 81.4

83 83.2 58.8 109.2

85 53.8 38.4 71.4



#46

Tetrachloroethene

Concen: 45.604 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV022218.D

Acq: 18 Sep 2021 04:43

Tgt Ion: 164 Resp: 84476

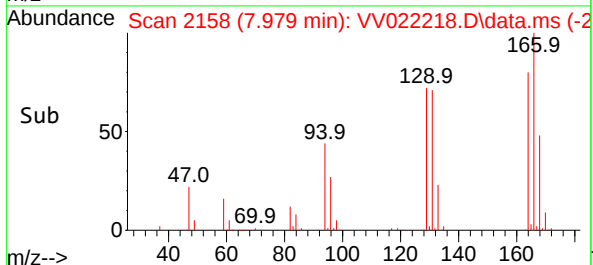
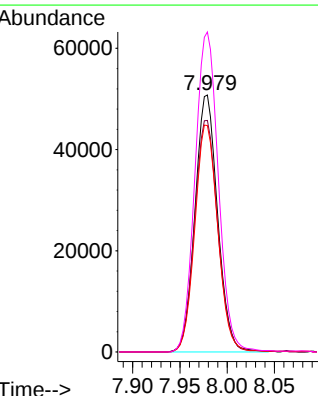
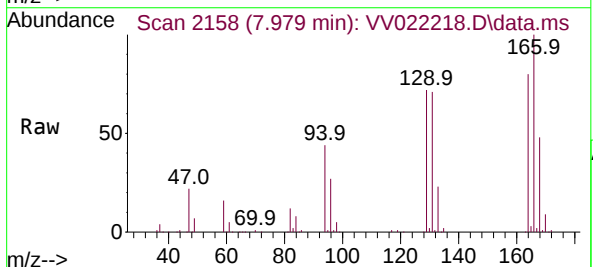
Ion Ratio Lower Upper

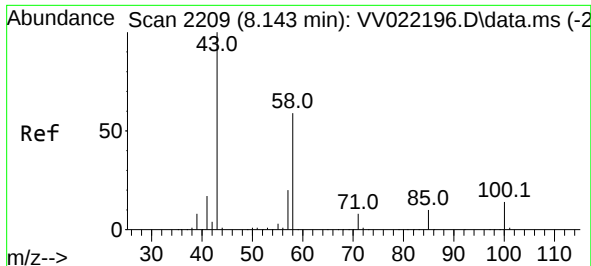
164 100

129 90.1 62.9 116.9

131 88.1 61.0 113.4

166 124.5 90.6 168.3



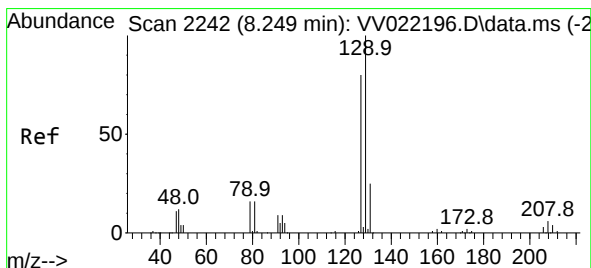
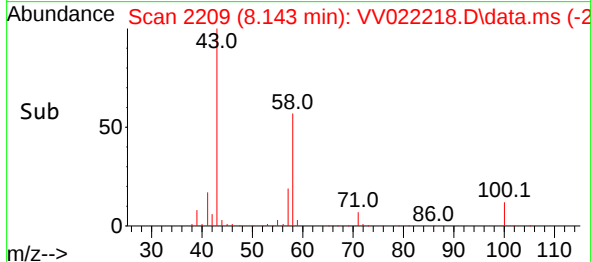
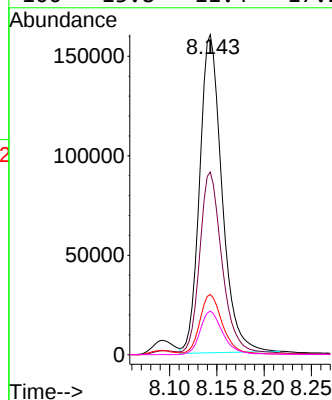
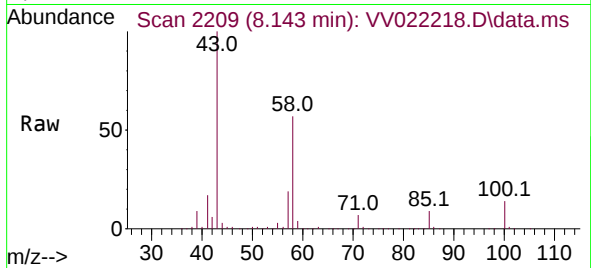


#48
2-Hexanone
Concen: 114.474 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 262511

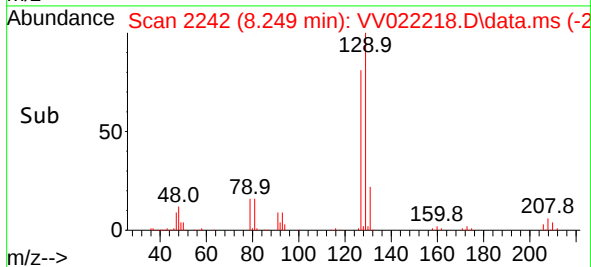
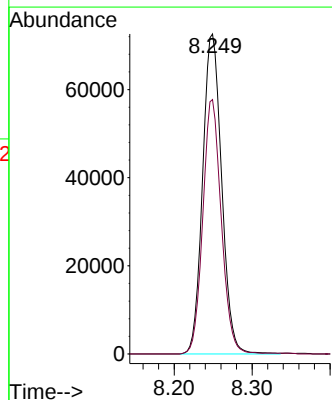
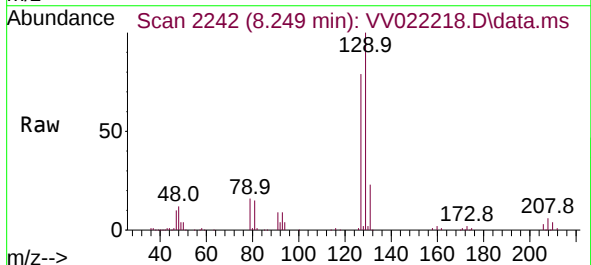
Ion	Ratio	Lower	Upper
43	100		
58	57.6	47.5	71.3
57	19.2	15.9	23.9
100	13.8	11.4	17.2

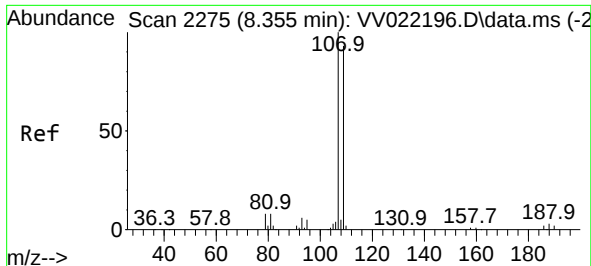


#49
Dibromochloromethane
Concen: 51.888 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 129 Resp: 123203

Ion	Ratio	Lower	Upper
129	100		
127	79.5	54.1	100.5

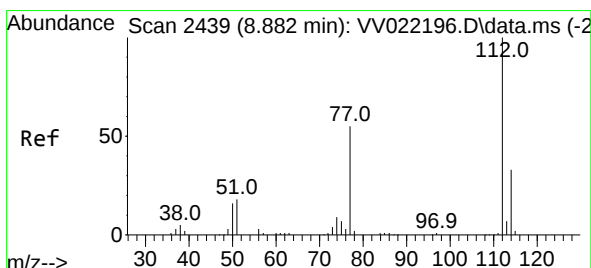
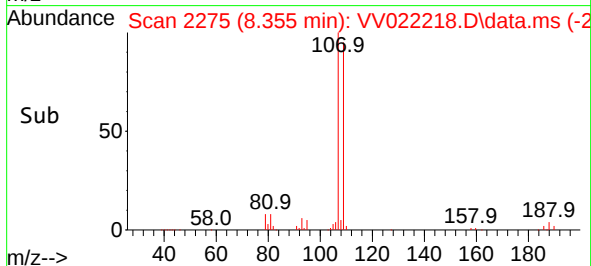
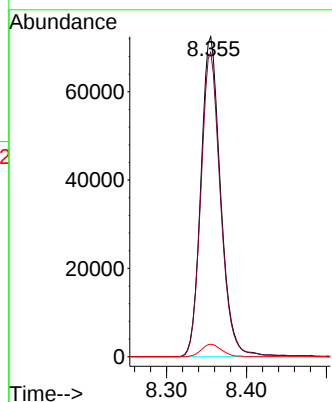
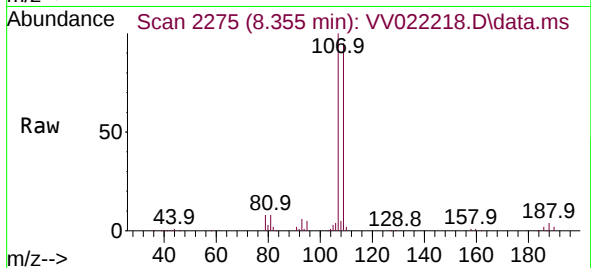




#50
1,2-Dibromoethane
Concen: 52.139 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

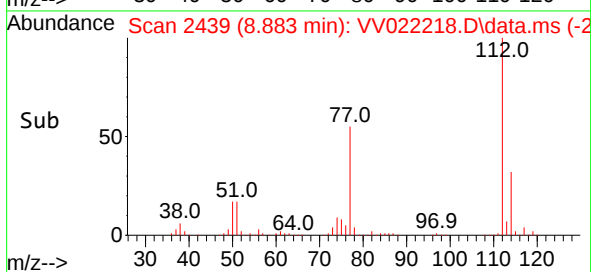
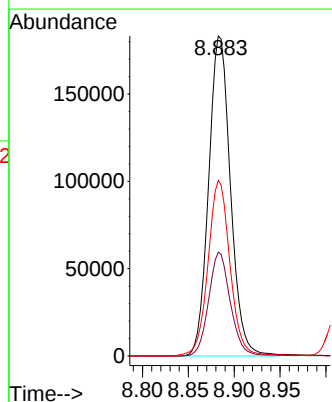
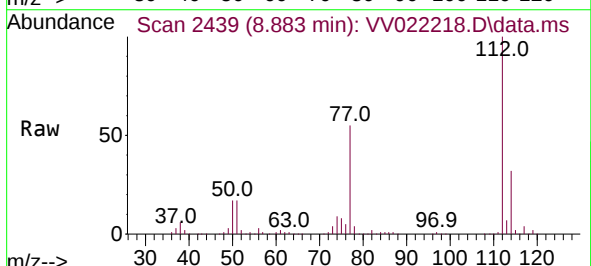
Instrument :
MSVOA_V
ClientSampleId :

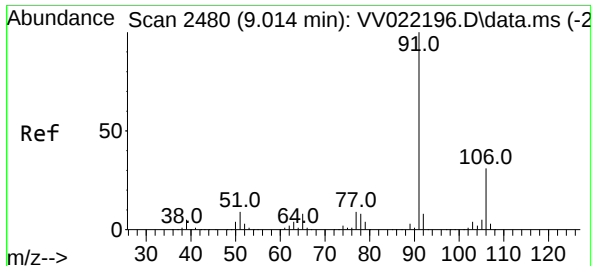
Tgt Ion:	107	Resp:	124125
Ion	Ratio	Lower	Upper
107	100		
109	95.1	65.5	121.6
188	3.9	3.2	4.8



#51
Chlorobenzene
Concen: 49.845 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:	112	Resp:	304201
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.0	41.0
77	54.9	43.2	64.8





#52

Ethylbenzene

Concen: 49.330 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022218.D

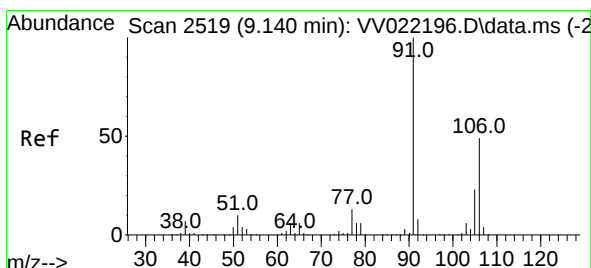
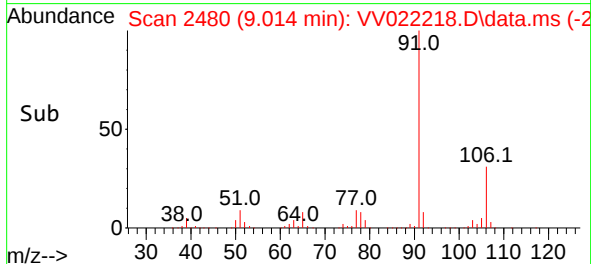
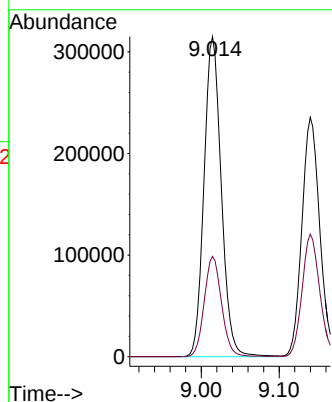
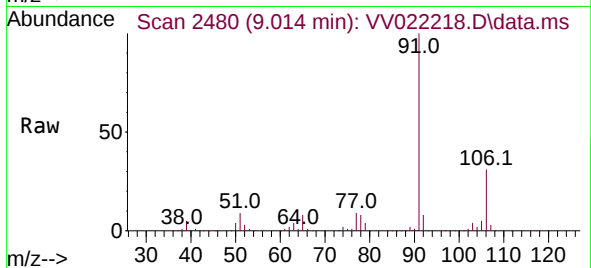
Acq: 18 Sep 2021 04:43

Tgt Ion: 91 Resp: 484716

Ion Ratio Lower Upper

91 100

106 31.3 21.7 40.3



#53

m,p-Xylene

Concen: 49.623 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022218.D

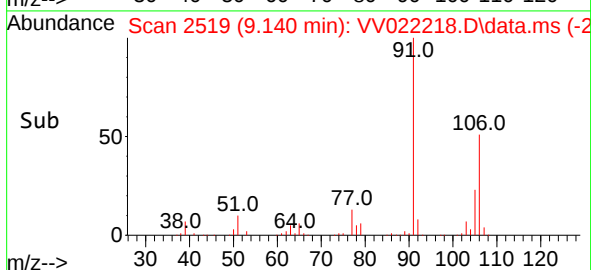
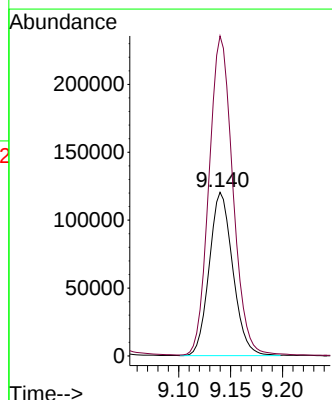
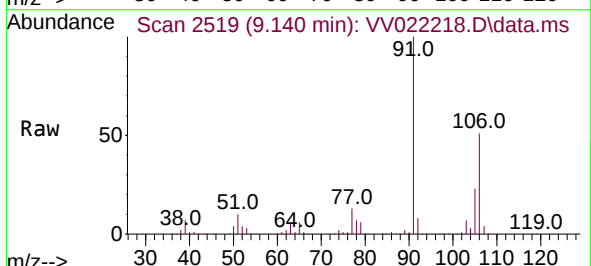
Acq: 18 Sep 2021 04:43

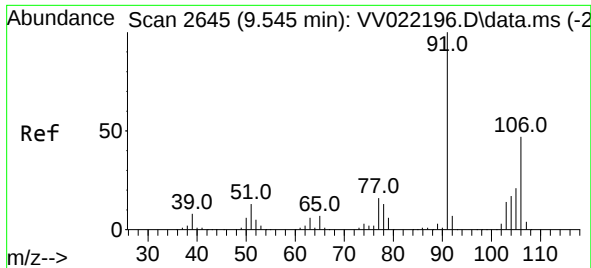
Tgt Ion: 106 Resp: 189523

Ion Ratio Lower Upper

106 100

91 195.5 139.1 258.3

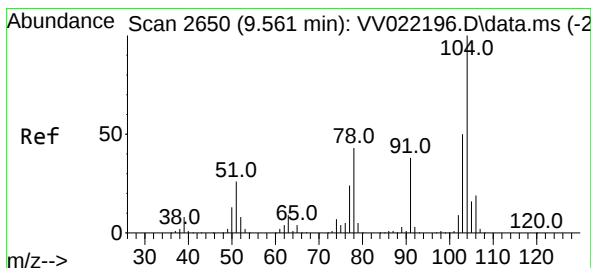
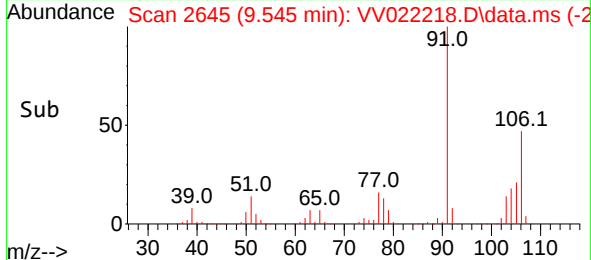
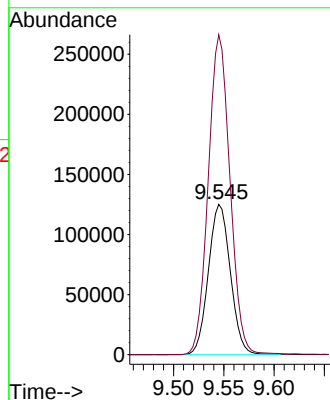
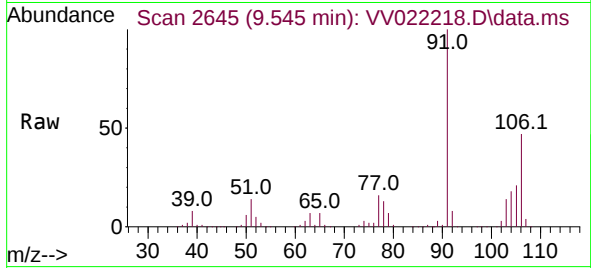




#54
o-Xylene
Concen: 50.370 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

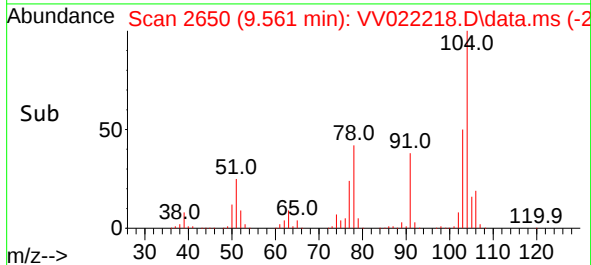
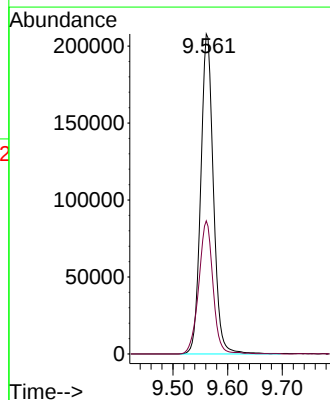
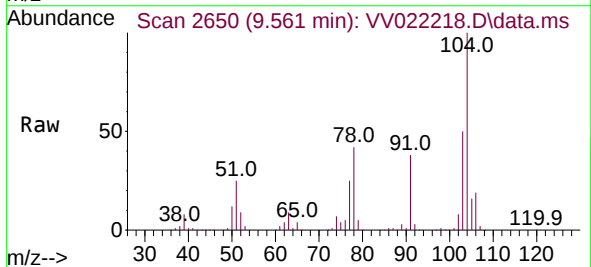
Instrument :
MSVOA_V
ClientSampleId :

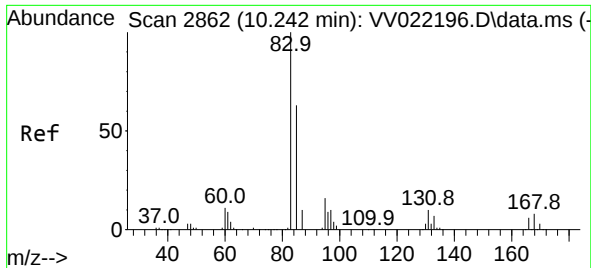
Tgt Ion:106 Resp: 190346
Ion Ratio Lower Upper
106 100
91 212.7 150.1 278.9



#55
Styrene
Concen: 51.946 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:104 Resp: 335000
Ion Ratio Lower Upper
104 100
78 41.6 28.6 53.2

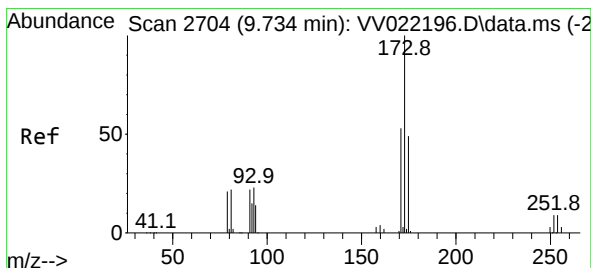
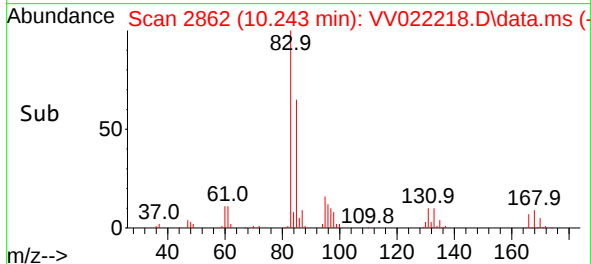
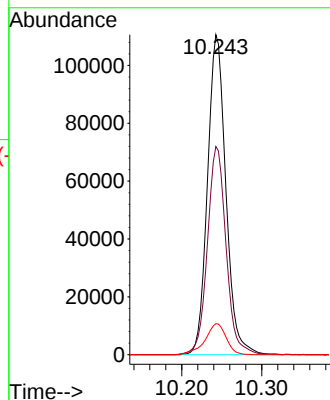
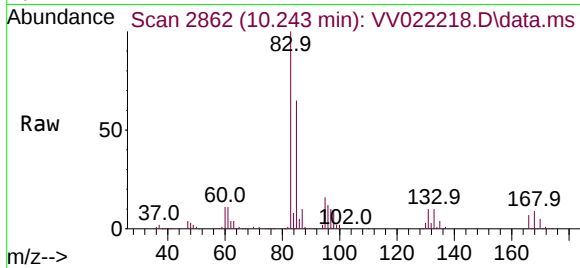




#57
1,1,2,2-Tetrachloroethane
Concen: 55.015 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

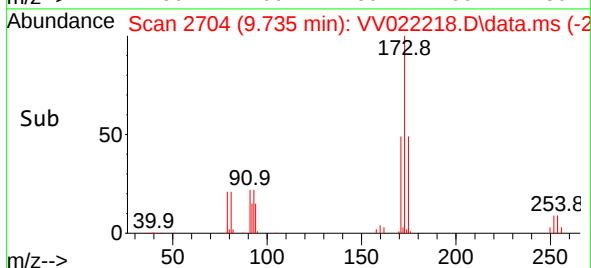
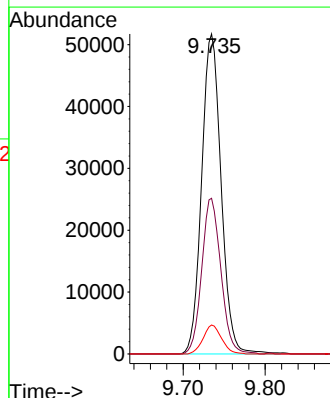
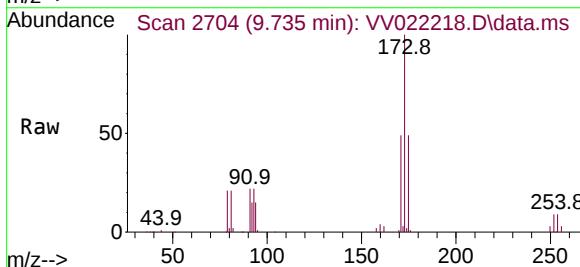
Instrument :
MSVOA_V
ClientSampleId :

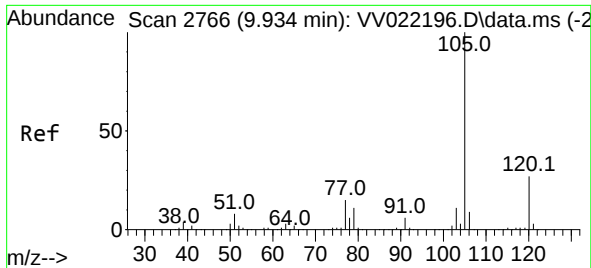
Tgt Ion: 83 Resp: 176816
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 9.7 8.2 12.2



#59
Bromoform
Concen: 52.779 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 173 Resp: 85225
Ion Ratio Lower Upper
173 100
175 47.8 38.8 58.2
254 8.6 7.0 10.4

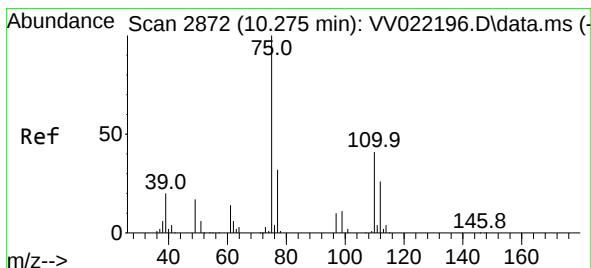
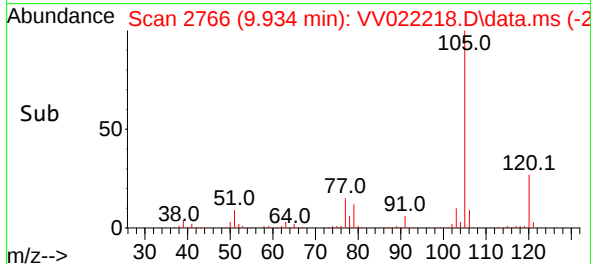
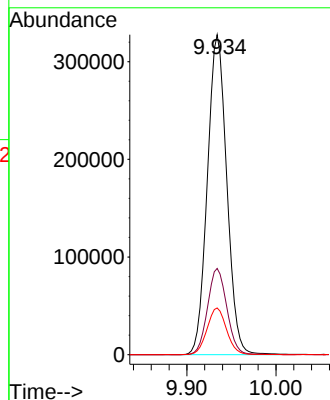
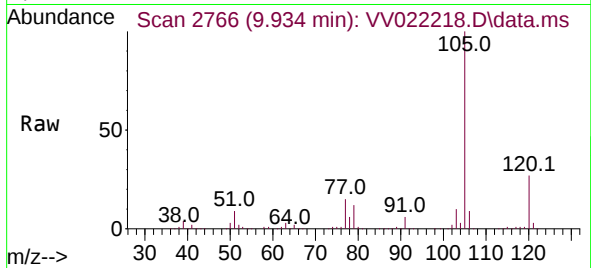




#60
Isopropylbenzene
Concen: 51.755 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

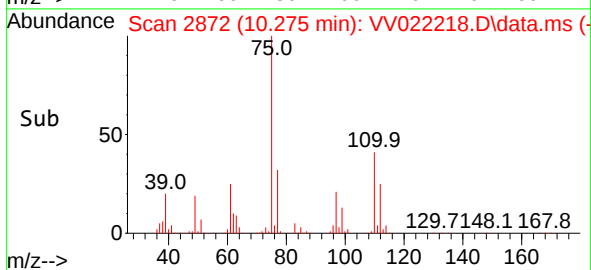
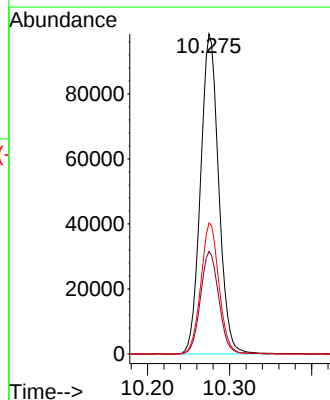
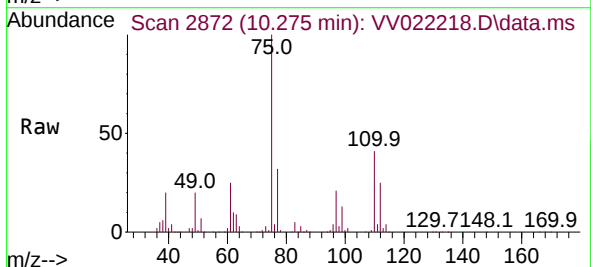
Instrument :
MSVOA_V
ClientSampleId :

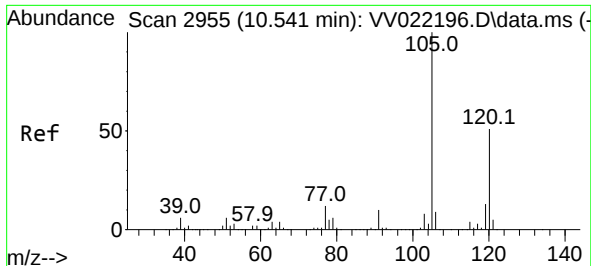
Tgt Ion:105 Resp: 494418
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 57.429 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion: 75 Resp: 151322
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 40.7 33.8 50.6

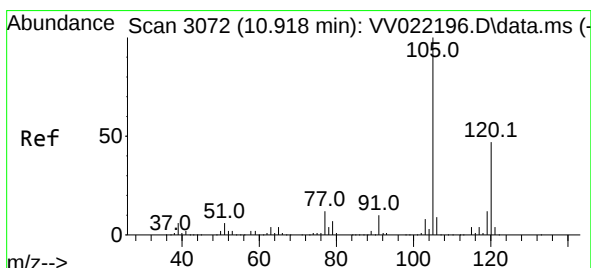
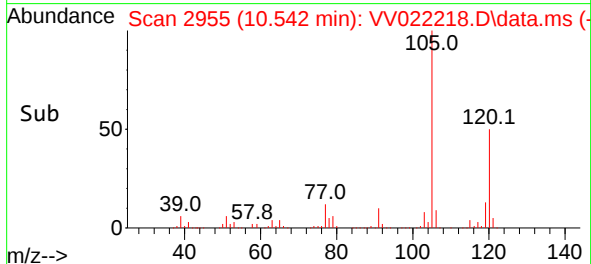
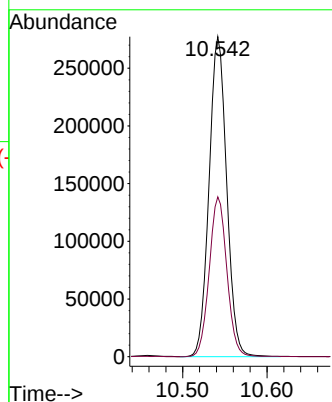
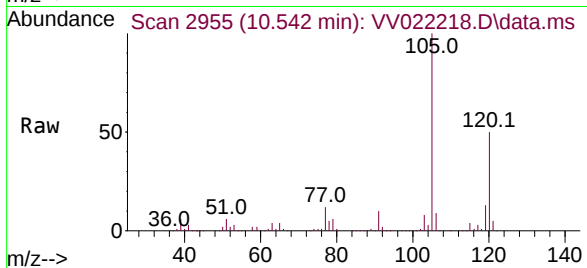




#62
1,3,5-Trimethylbenzene
Concen: 50.253 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

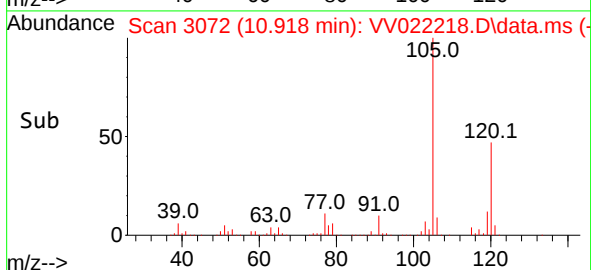
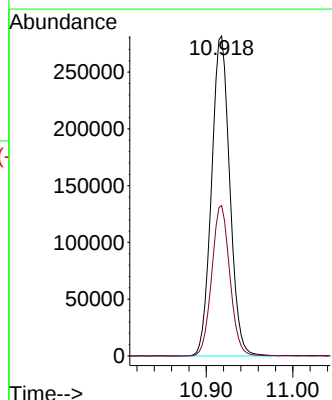
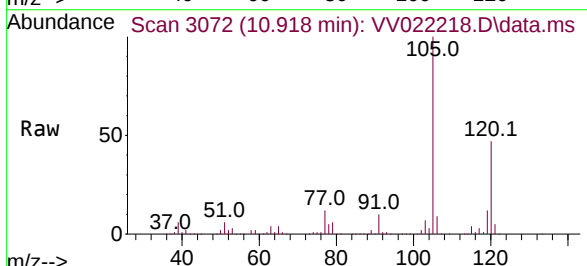
Instrument :
MSVOA_V
ClientSampled :

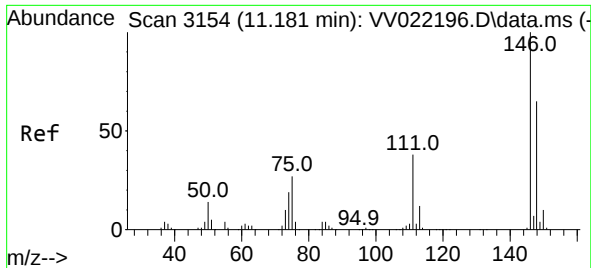
Tgt Ion:105 Resp: 403032
Ion Ratio Lower Upper
105 100
120 50.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 50.497 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:105 Resp: 411644
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

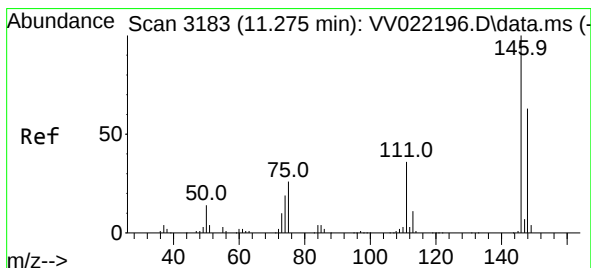
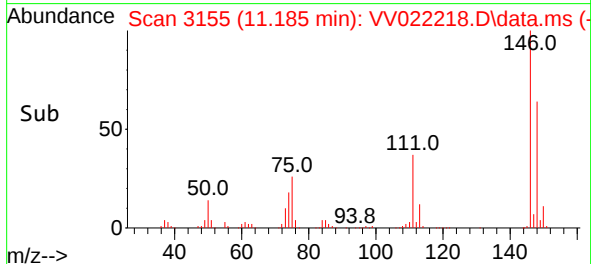
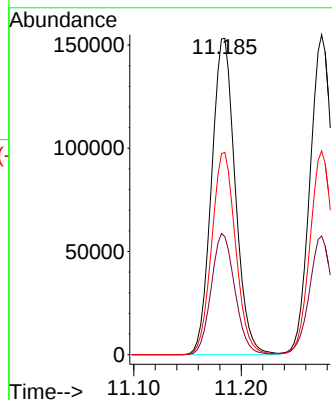
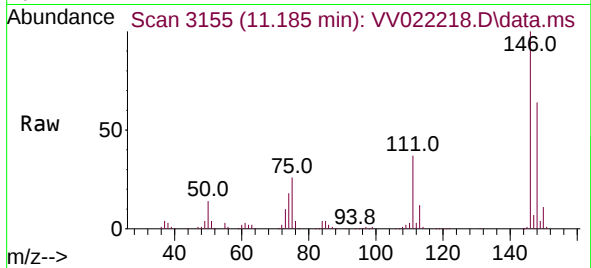




#64
1,3-Dichlorobenzene
Concen: 48.445 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

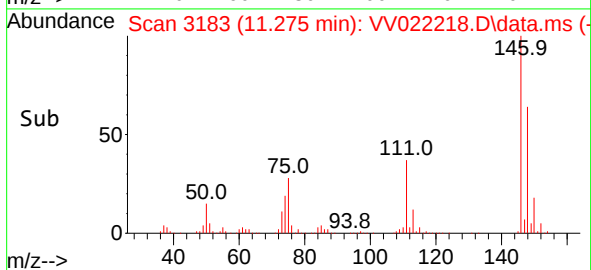
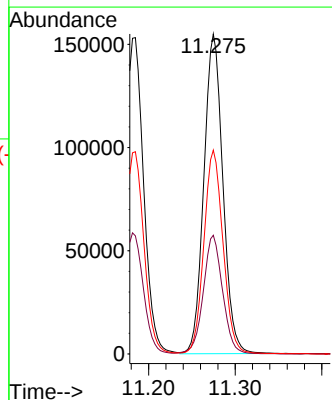
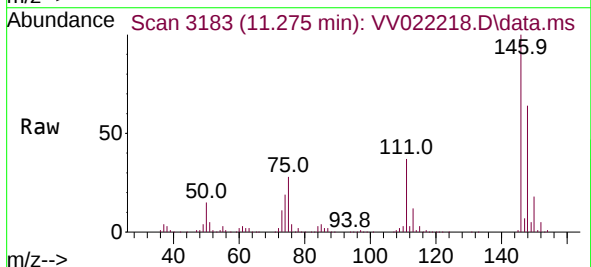
Instrument :
MSVOA_V
ClientSampleId :

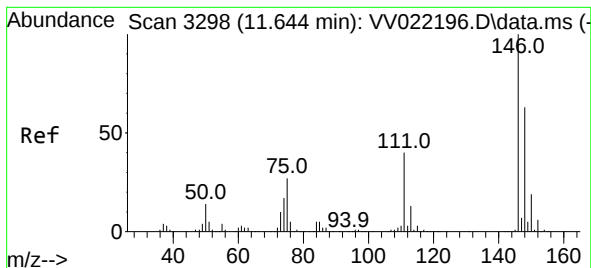
Tgt Ion:146 Resp: 234977
Ion Ratio Lower Upper
146 100
111 37.4 26.9 50.1
148 63.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 47.580 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:146 Resp: 236150
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 63.7 44.4 82.5

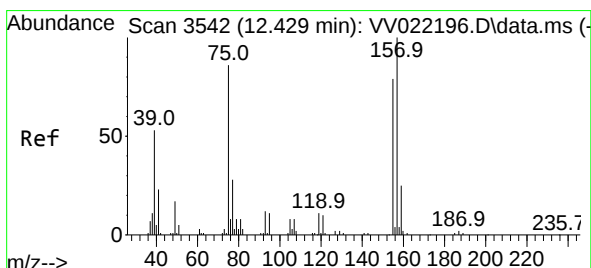
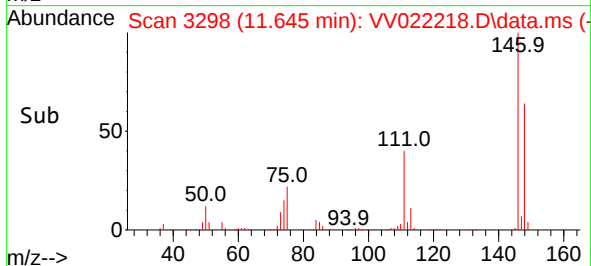
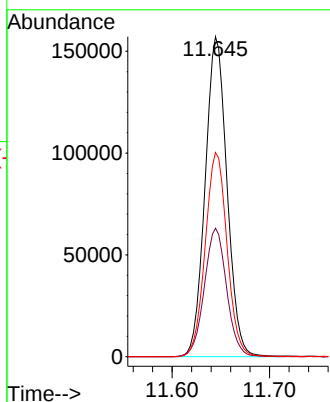
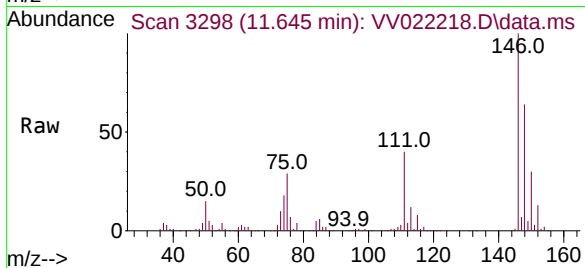




#67
1,2-Dichlorobenzene
Concen: 50.853 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

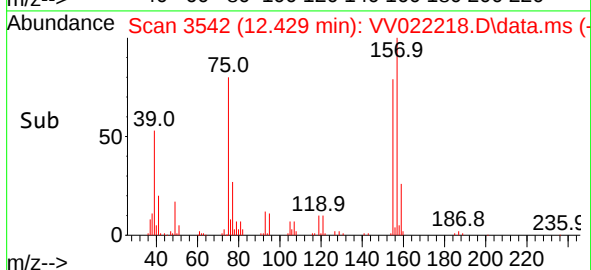
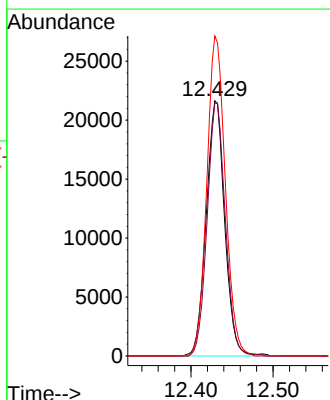
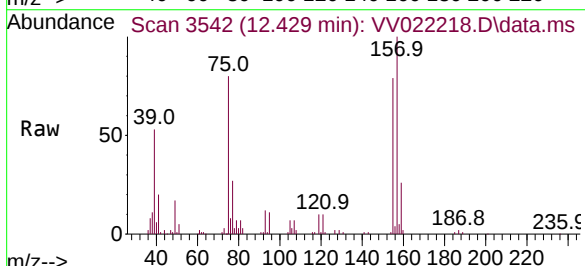
Instrument :
MSVOA_V
ClientSampleId :

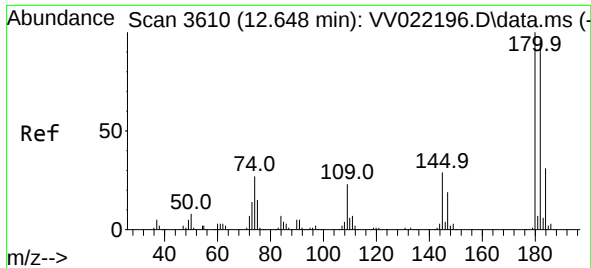
Tgt Ion:146 Resp: 244912
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 63.8 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 53.546 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

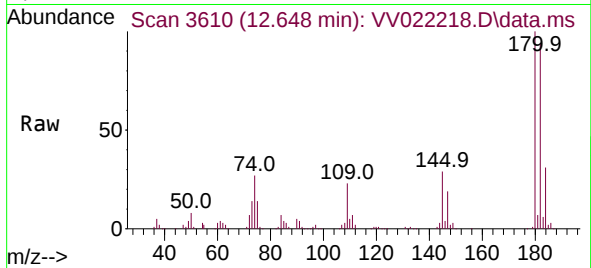
Tgt Ion: 75 Resp: 34004
Ion Ratio Lower Upper
75 100
155 99.1 79.8 119.6
157 125.4 98.3 147.5



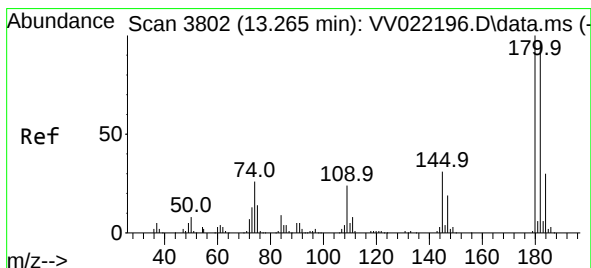
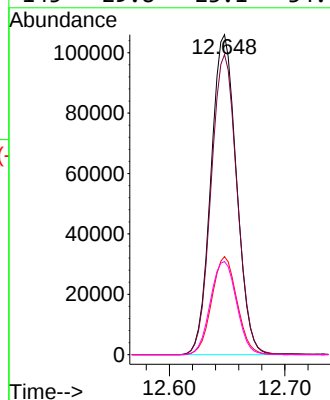
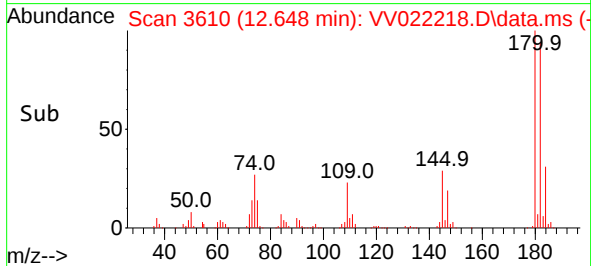


#69
 1,3,5-Trichlorobenzene
 Concen: 44.860 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43

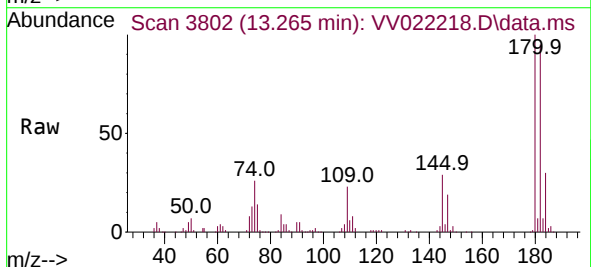
Instrument :
 MSVOA_V
 ClientSampleId :



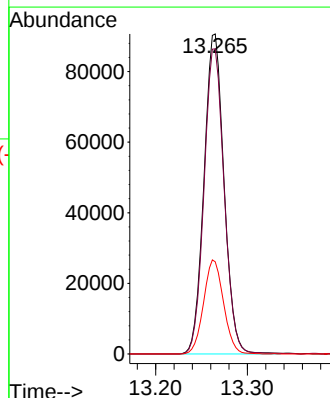
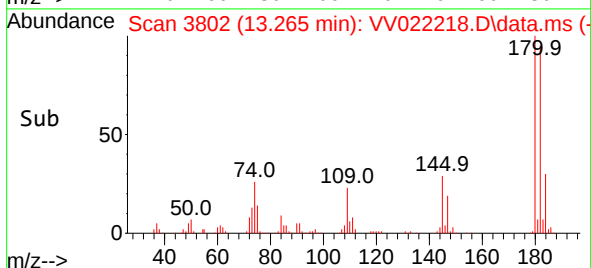
Tgt Ion:180 Resp: 162700
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 184 30.4 24.0 36.0
 145 29.8 23.1 34.7

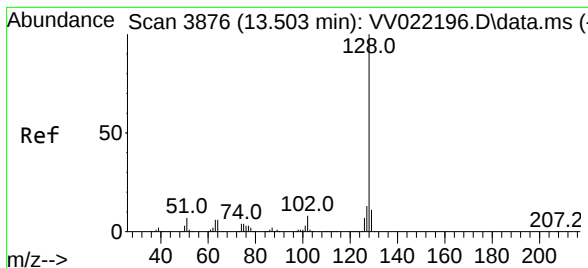


#70
 1,2,4-trichlorobenzene
 Concen: 43.149 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.000 min
 Lab File: VV022218.D
 Acq: 18 Sep 2021 04:43



Tgt Ion:180 Resp: 137666
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.9 113.9
 145 29.2 23.8 35.6

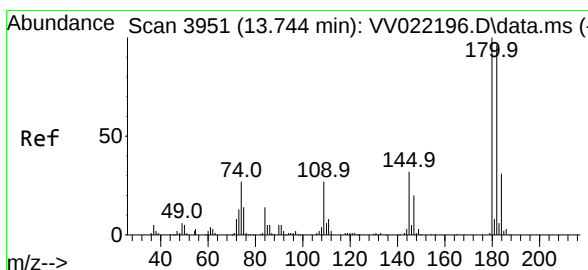
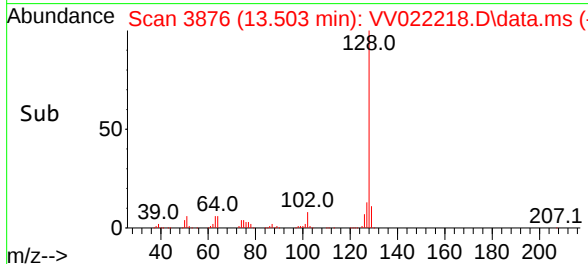
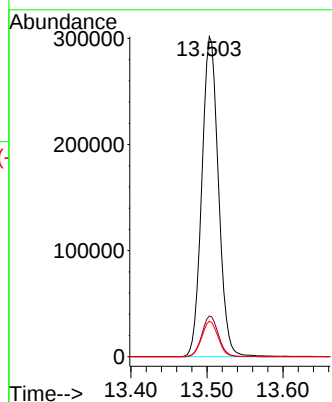
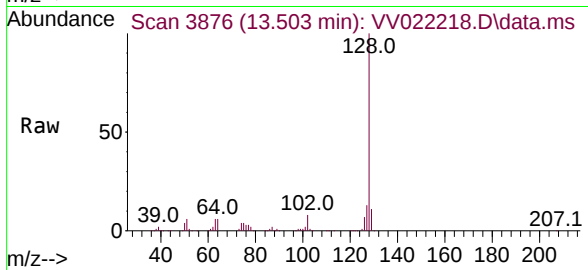




#71
Naphthalene
Concen: 49.947 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 458393
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.364 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022218.D
Acq: 18 Sep 2021 04:43

Tgt Ion:180 Resp: 150502
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 32.7 25.4 38.0

