

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022078.D
 Acq On : 02 Sep 2021 16:11
 Operator : SY/MD
 Sample : M3608-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 01:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	366464	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	348980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	187823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103602	40.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.640%
7) Chloroethane-d5	1.561	69	83005	41.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	2.108	63	181964	43.355	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.700%
21) 2-Butanone-d5	3.879	46	165861	95.297	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.300%
24) Chloroform-d	4.349	84	213100	46.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
26) 1,2-Dichloroethane-d4	5.034	65	126164	46.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
32) Benzene-d6	5.053	84	428196	45.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	6.072	67	132787	44.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.220%
41) Toluene-d8	7.316	98	403777	45.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.380%
43) trans-1,3-Dichloroprop...	7.622	79	65735	46.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.800%
47) 2-Hexanone-d5	8.088	63	126915	111.116	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	188760	49.512	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.020%
66) 1,2-Dichlorobenzene-d4	11.625	152	163051	44.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	99607	39.542	ug/L	99
3) Chloromethane	1.240	50	99462	37.289	ug/L	99
5) Vinyl chloride	1.310	62	107621	40.031	ug/L	100
6) Bromomethane	1.513	94	57353	35.482	ug/L	100
8) Chloroethane	1.577	64	67778	40.300	ug/L	99
9) Trichlorofluoromethane	1.748	101	170116	44.434	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	93581	41.674	ug/L	98
12) 1,1-Dichloroethene	2.117	96	90919	43.012	ug/L	87
13) Acetone	2.166	43	95923	65.777	ug/L #	74
14) Carbon disulfide	2.291	76	257850	40.426	ug/L	99
15) Methyl Acetate	2.429	43	121463	42.770	ug/L	100
16) Methylene chloride	2.506	84	120469	42.537	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	109188	42.721	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	376060	46.303	ug/L	99
19) 1,1-Dichloroethane	3.191	63	200826	44.117	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	127863	44.949	ug/L	98
22) 2-Butanone	3.963	43	165050	80.518	ug/L	99
23) Bromochloromethane	4.249	128	66785	44.085	ug/L	97
25) Chloroform	4.378	83	211186	43.826	ug/L	97

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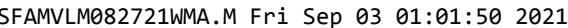
Instrument :
 MSVOA_V
 ClientSampleId :

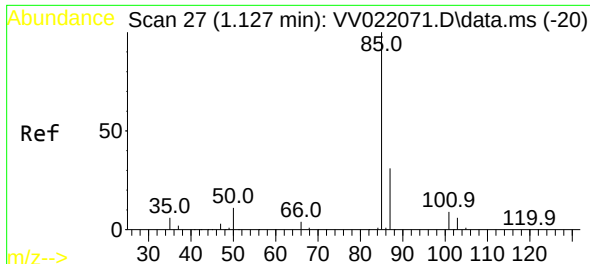
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	152530	47.221	ug/L	99
29) Cyclohexane	4.677	56	170559	43.721	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	188853	45.533	ug/L	99
31) Carbon tetrachloride	4.831	117	162131	45.498	ug/L	99
33) Benzene	5.101	78	586394	57.754	ug/L	100
34) Trichloroethene	5.915	95	118841	41.322	ug/L	95
35) Methylcyclohexane	6.133	83	182558	43.420	ug/L	100
37) 1,2-Dichloropropane	6.175	63	116753	44.360	ug/L	99
38) Bromodichloromethane	6.513	83	155145	46.095	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	190771	46.948	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	338208	94.786	ug/L	99
42) Toluene	7.390	91	957342	87.362	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	177830	47.021	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	120964	45.170	ug/L	98
46) Tetrachloroethene	7.976	164	96969	43.362	ug/L	98
48) 2-Hexanone	8.140	43	254081	91.777	ug/L	99
49) Dibromochloromethane	8.249	129	135530	47.280	ug/L	99
50) 1,2-Dibromoethane	8.355	107	132521	46.109	ug/L	98
51) Chlorobenzene	8.882	112	331534	44.998	ug/L	100
52) Ethylbenzene	9.014	91	1955332	164.832	ug/L	99
53) m,p-Xylene	9.140	106	642291	139.302	ug/L	100
54) o-Xylene	9.545	106	463389	101.573	ug/L	98
55) Styrene	9.561	104	406051	52.154	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	192980	49.737	ug/L	100
59) Bromoform	9.734	173	96554	48.401	ug/L	98
60) Isopropylbenzene	9.934	105	576446	48.843	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	148711	45.684	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	598440	60.399	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	881810	87.561	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	267347	44.616	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	270952	44.189	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	264834	44.511	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	48680	62.049	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	214265	47.820	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	205812	52.216	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	192924	50.182	ug/L	98

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

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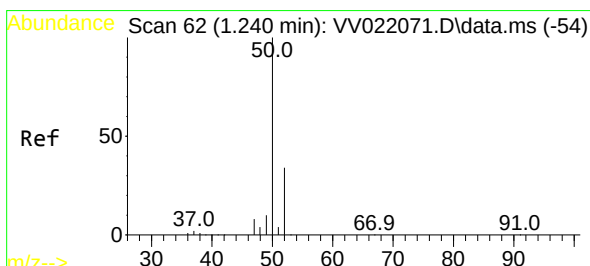
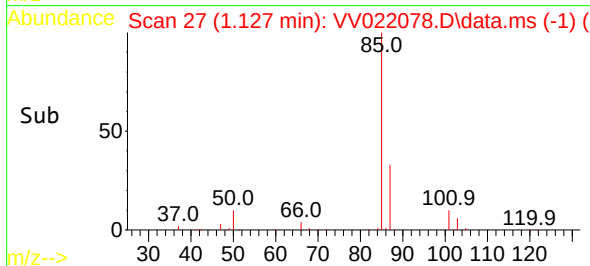
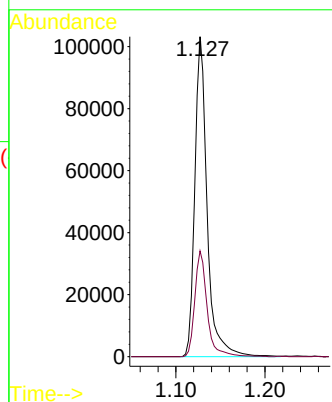
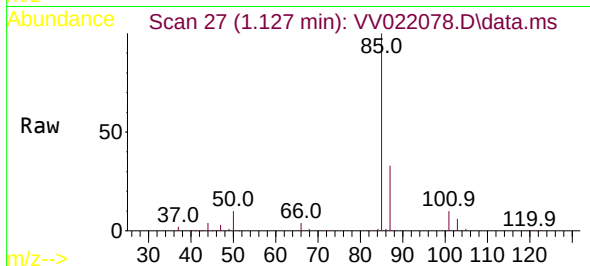




#2
Dichlorodifluoromethane
Concen: 39.542 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

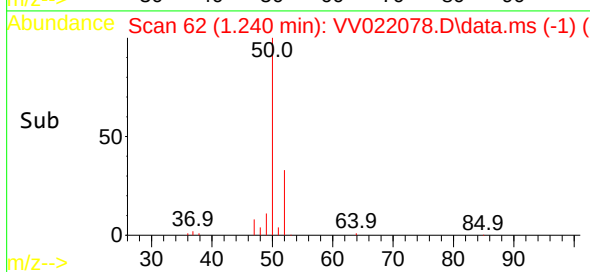
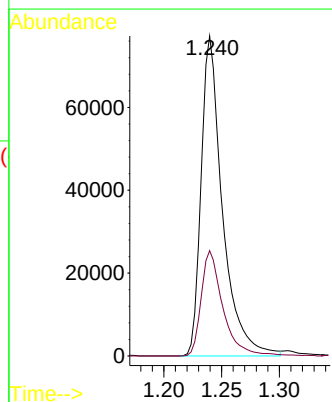
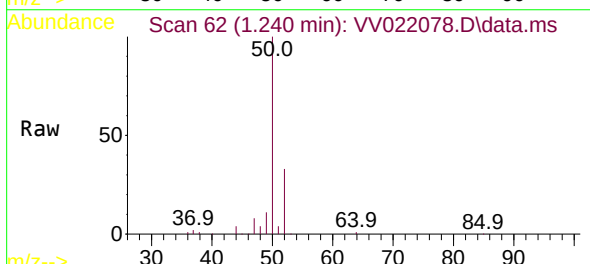
Instrument :
MSVOA_V
ClientSampled :

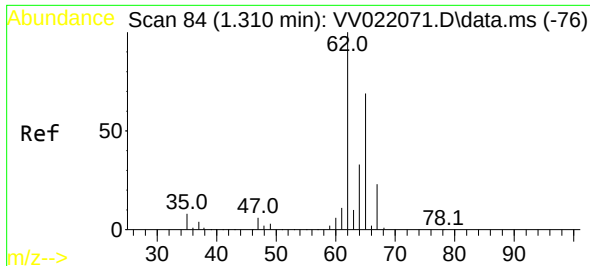
Tgt Ion: 85 Resp: 99607
Ion Ratio Lower Upper
85 100
87 33.2 26.0 39.0



#3
Chloromethane
Concen: 37.289 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 50 Resp: 99462
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.9

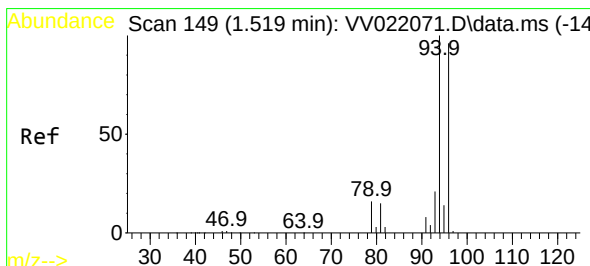
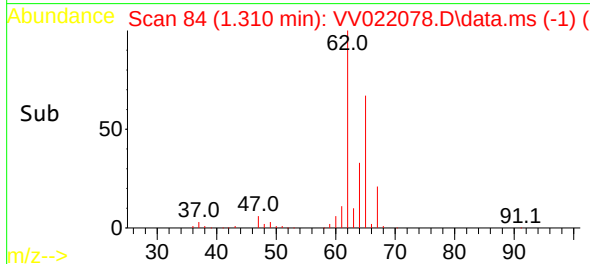
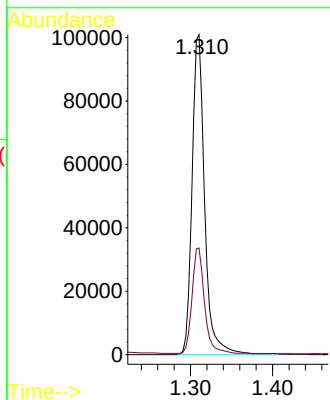
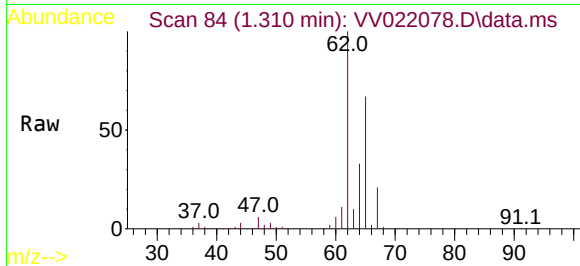




#5
 Vinyl chloride
 Concen: 40.031 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022078.D
 Acq: 02 Sep 2021 16:11

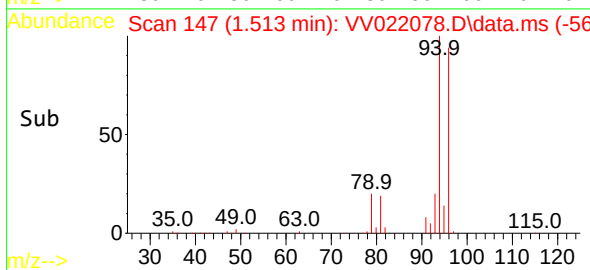
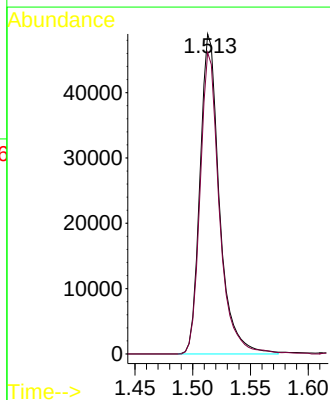
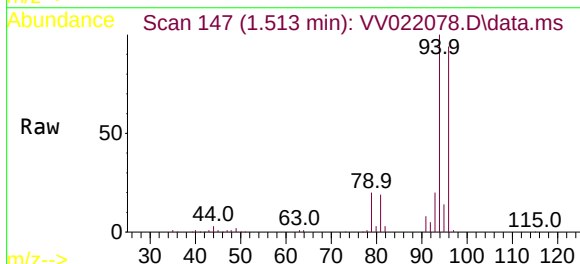
Instrument :
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 ClientSampled :

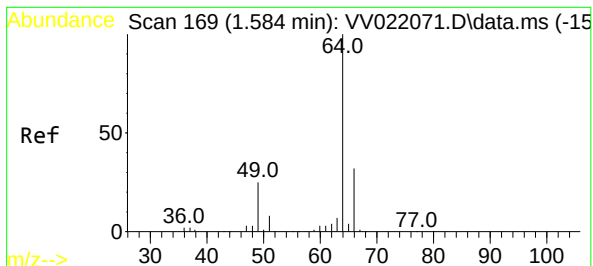
Tgt Ion: 62 Resp: 107621
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.6



#6
 Bromomethane
 Concen: 35.482 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.007 min
 Lab File: VV022078.D
 Acq: 02 Sep 2021 16:11

Tgt Ion: 94 Resp: 57353
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.8 122.2





#8

Chloroethane

Concen: 40.300 ug/L

RT: 1.577 min Scan# 167

Delta R.T. -0.006 min

Lab File: VV022078.D

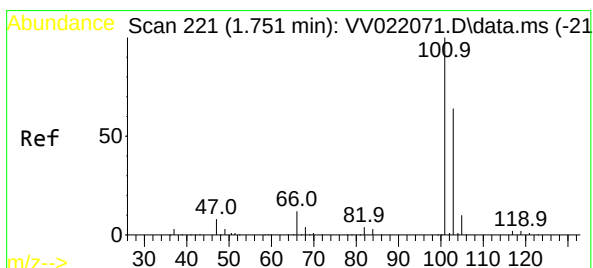
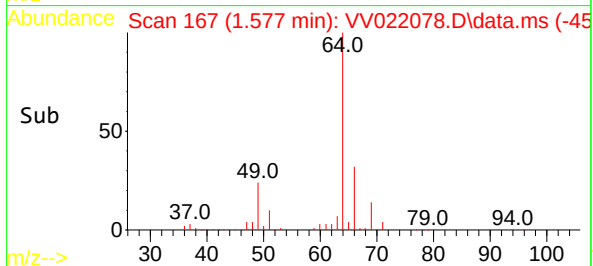
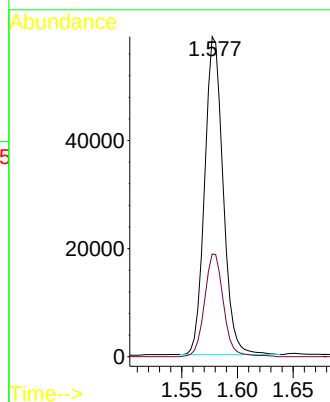
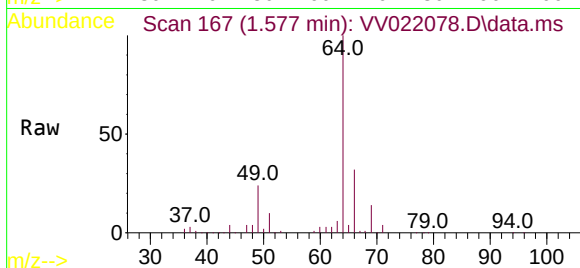
Acq: 02 Sep 2021 16:11

Tgt Ion: 64 Resp: 67778

Ion Ratio Lower Upper

64 100

66 32.1 22.7 42.3



#9

Trichlorofluoromethane

Concen: 44.434 ug/L

RT: 1.748 min Scan# 220

Delta R.T. -0.003 min

Lab File: VV022078.D

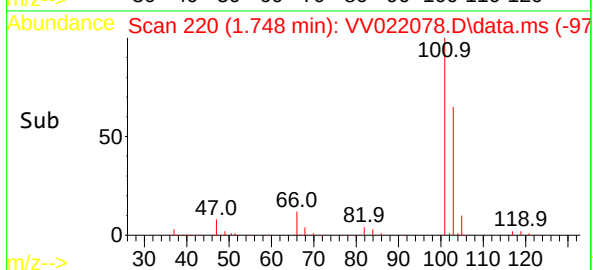
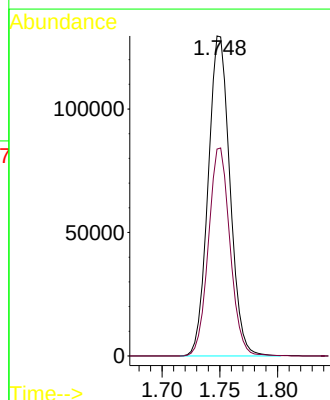
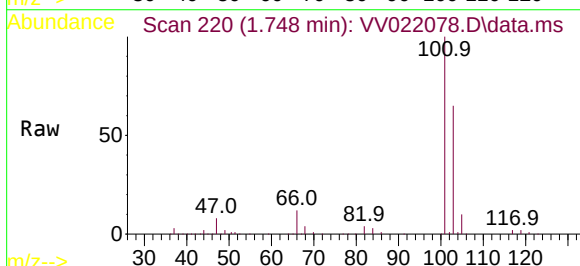
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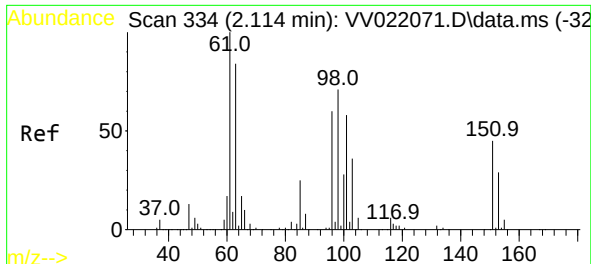
Tgt Ion: 101 Resp: 170116

Ion Ratio Lower Upper

101 100

103 64.4 51.4 77.0

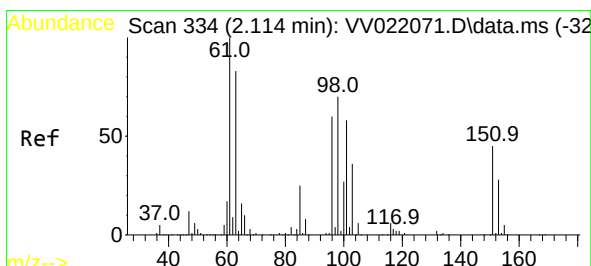
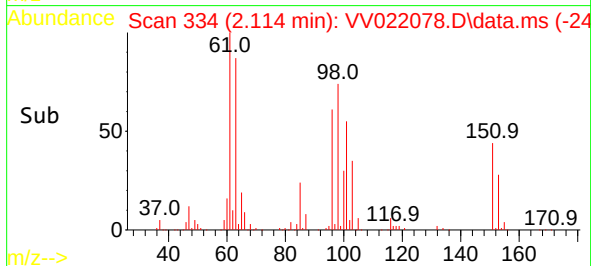
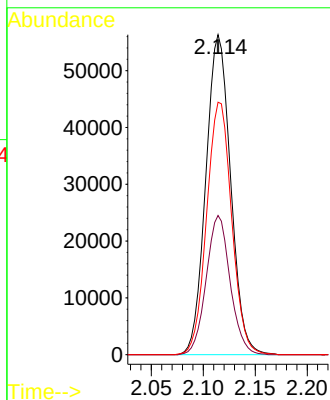
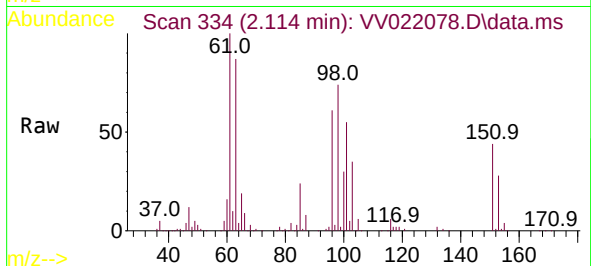




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.674 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

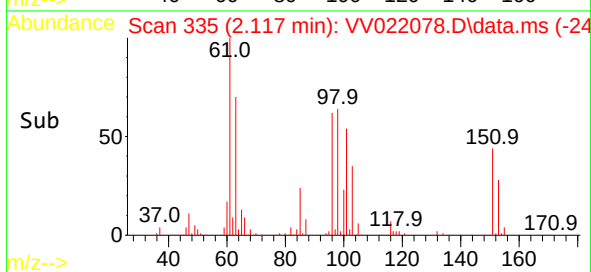
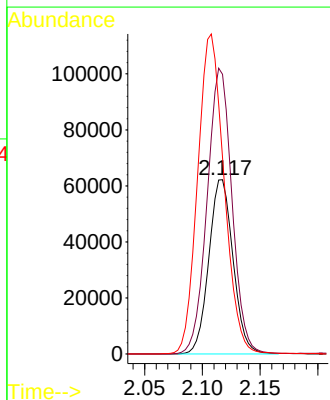
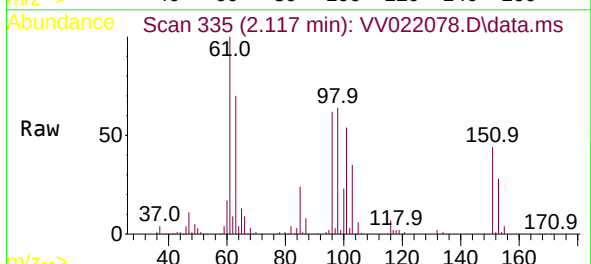
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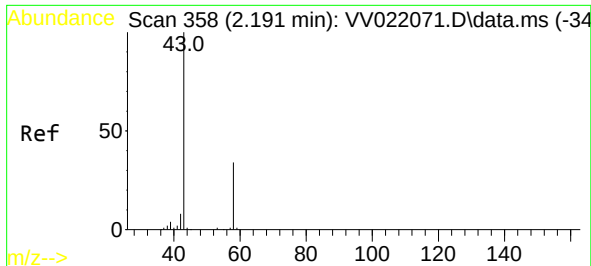
Tgt Ion:101 Resp: 93581
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.0
151 79.8 61.7 92.5



#12
1,1-Dichloroethene
Concen: 43.012 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 96 Resp: 90919
Ion Ratio Lower Upper
96 100
61 160.6 113.2 210.2
63 112.9 102.3 189.9

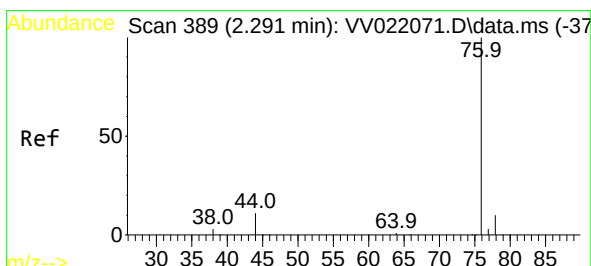
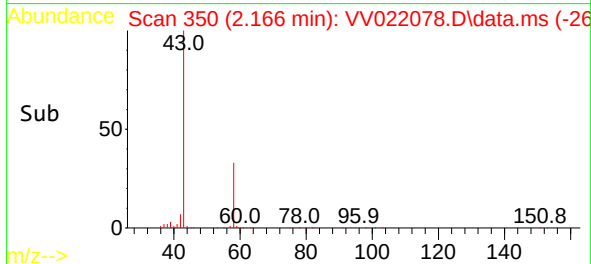
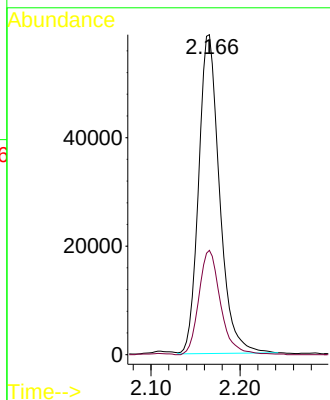
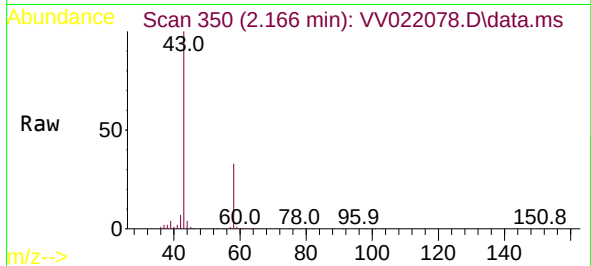




#13
Acetone
Concen: 65.777 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.026 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

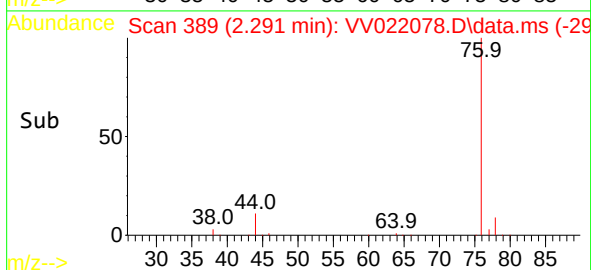
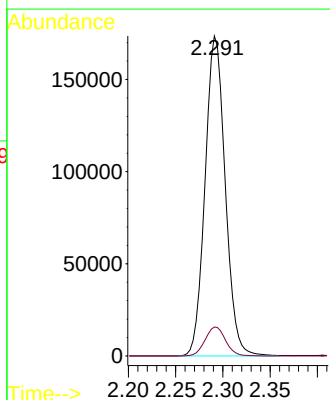
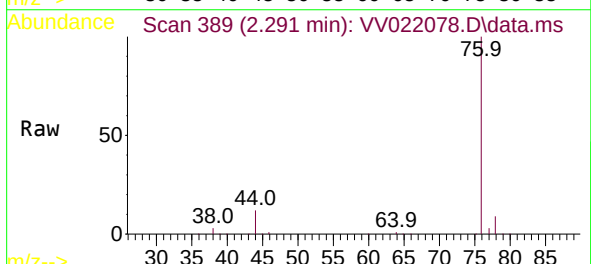
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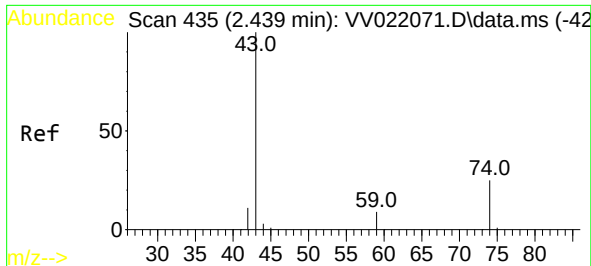
Tgt Ion: 43 Resp: 95923
Ion Ratio Lower Upper
43 100
58 33.9 0.0 0.4#



#14
Carbon disulfide
Concen: 40.426 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 257850
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

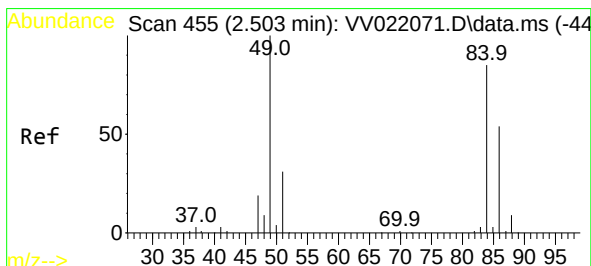
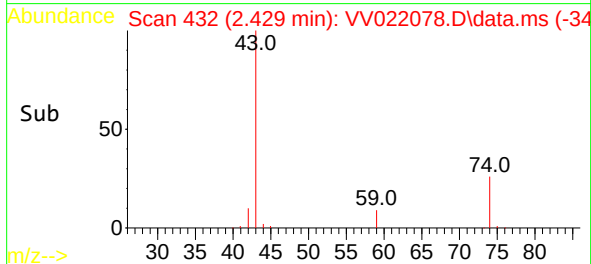
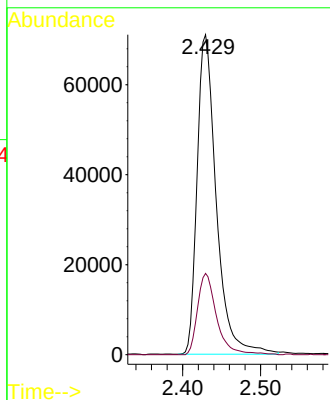
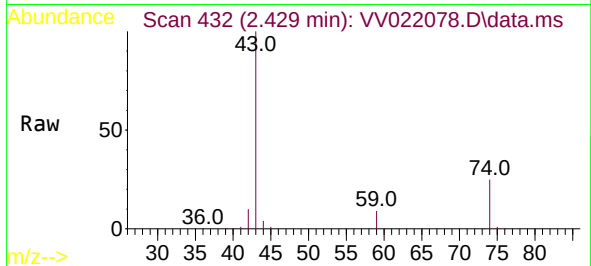




#15
Methyl Acetate
Concen: 42.770 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.010 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

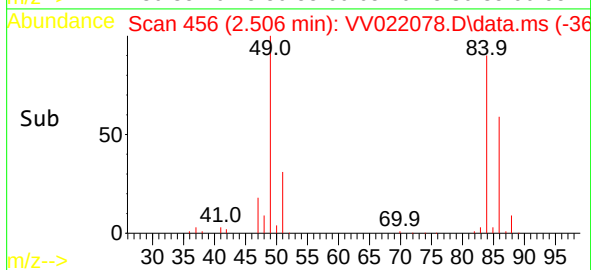
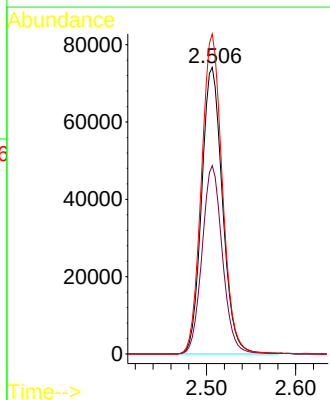
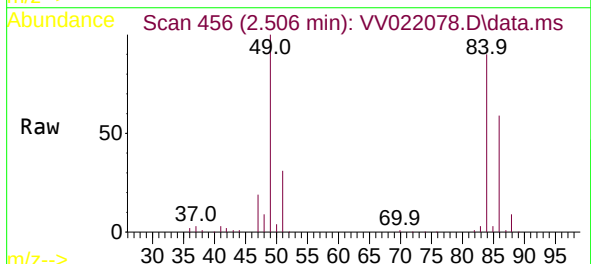
Instrument :
MSVOA_V
ClientSampled :

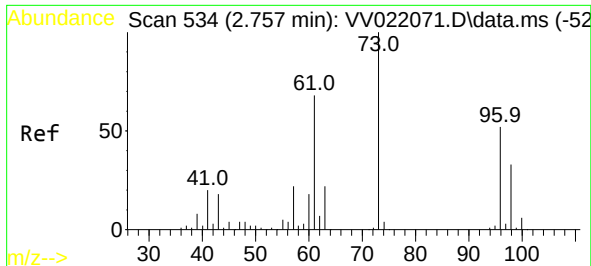
Tgt Ion: 43 Resp: 121463
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2



#16
Methylene chloride
Concen: 42.537 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 84 Resp: 120469
Ion Ratio Lower Upper
84 100
86 65.7 44.8 83.2
49 111.7 80.2 149.0

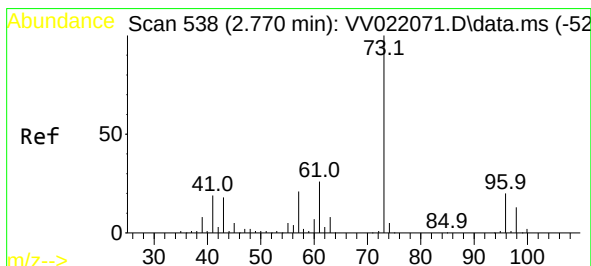
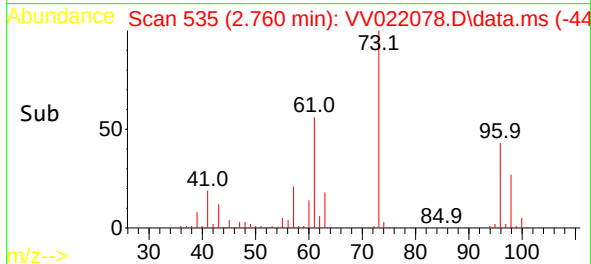
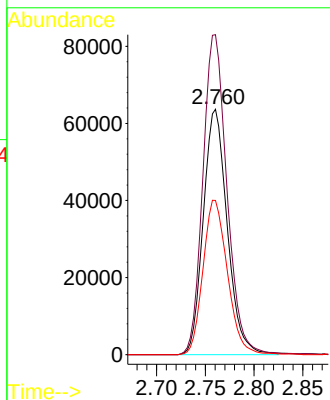
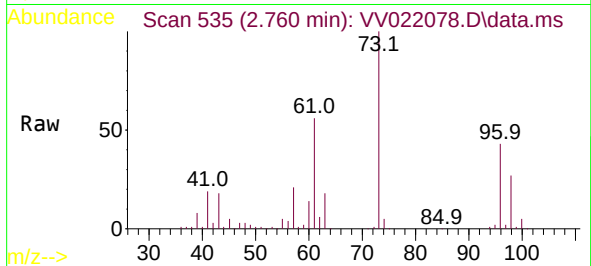




#17
trans-1,2-Dichloroethene
Concen: 42.721 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

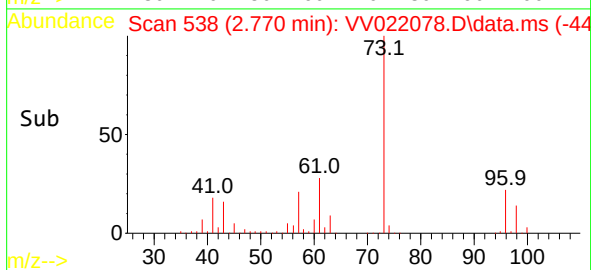
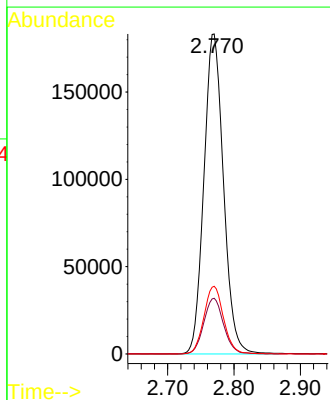
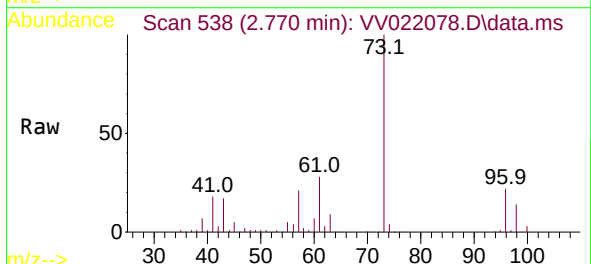
Instrument :
MSVOA_V
ClientSampleId :

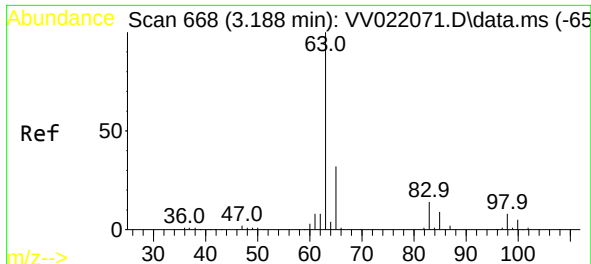
Tgt Ion: 96 Resp: 109188
Ion Ratio Lower Upper
96 100
61 130.4 89.1 165.5
98 62.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 46.303 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 73 Resp: 376060
Ion Ratio Lower Upper
73 100
43 17.5 13.8 20.6
57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 44.117 ug/L

RT: 3.191 min Scan# 669

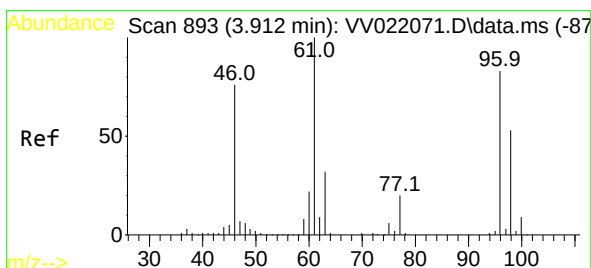
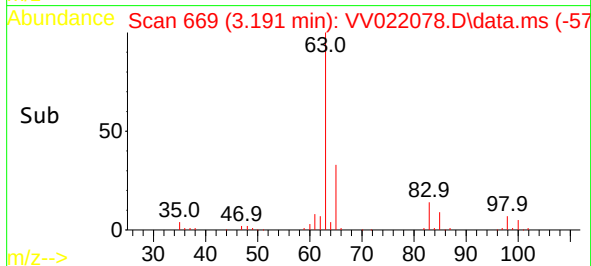
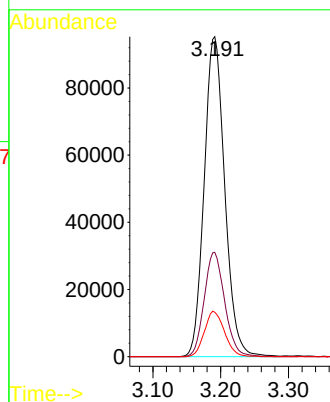
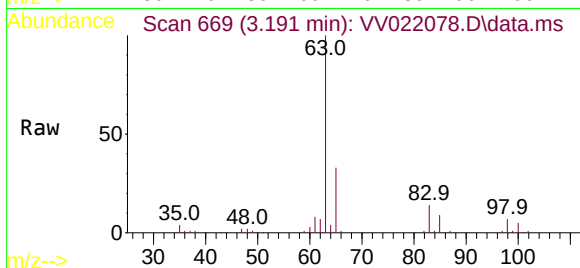
Delta R.T. 0.003 min

Lab File: VV022078.D

Acq: 02 Sep 2021 16:11

Tgt Ion: 63 Resp: 200826

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.2	41.2
83	13.9	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 44.949 ug/L

RT: 3.915 min Scan# 894

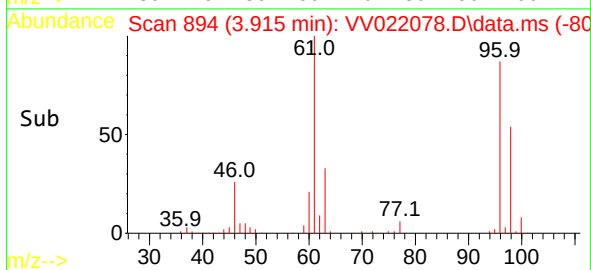
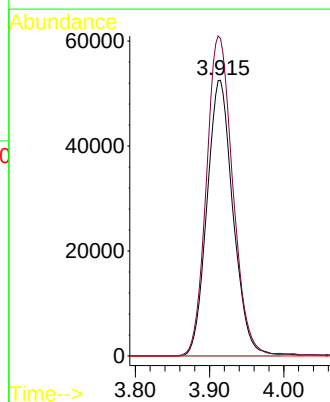
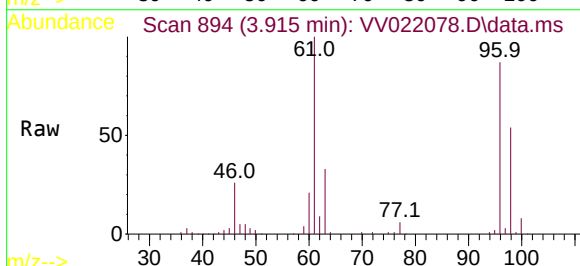
Delta R.T. 0.003 min

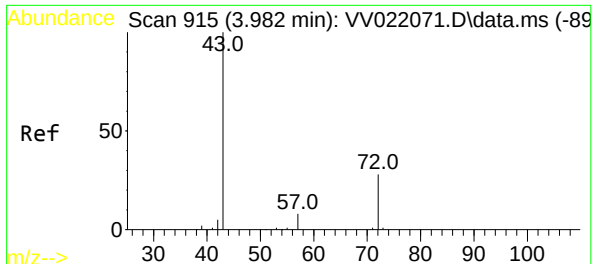
Lab File: VV022078.D

Acq: 02 Sep 2021 16:11

Tgt Ion: 96 Resp: 127863

Ion	Ratio	Lower	Upper
96	100		
61	115.2	81.8	152.0
68	0.0	0.0	0.0

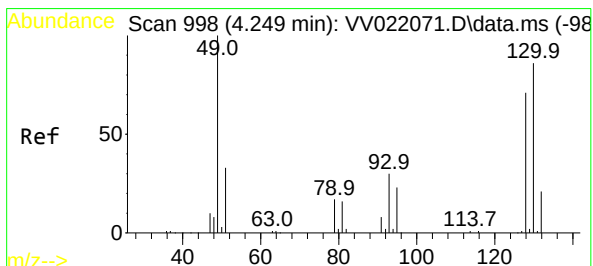
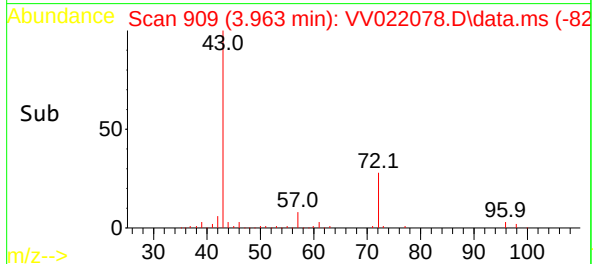
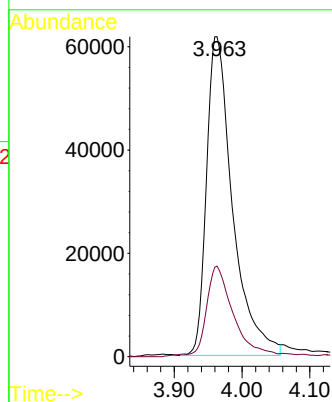
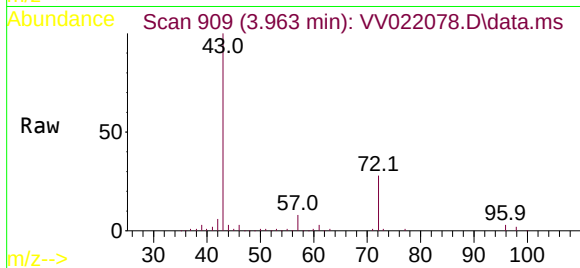




#22
2-Butanone
Concen: 80.518 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.019 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

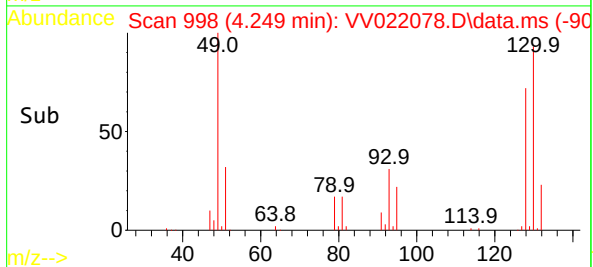
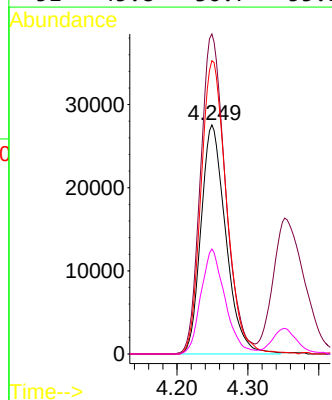
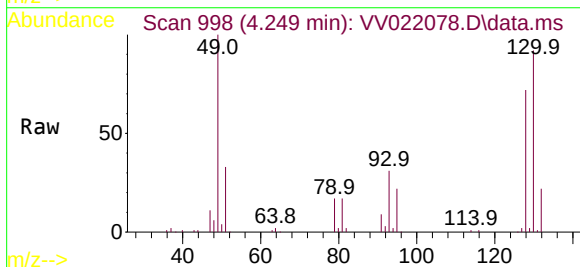
Instrument :
MSVOA_V
ClientSampled :

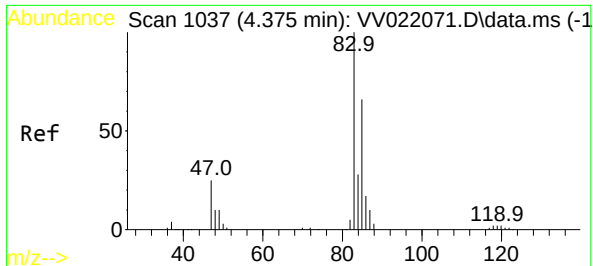
Tgt Ion: 43 Resp: 165050
Ion Ratio Lower Upper
43 100
72 27.3 13.3 39.8



#23
Bromochloromethane
Concen: 44.085 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion:128 Resp: 66785
Ion Ratio Lower Upper
128 100
49 139.6 101.6 188.8
130 128.0 88.5 164.3
51 45.8 36.7 55.1





#25

Chloroform

Concen: 43.826 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV022078.D

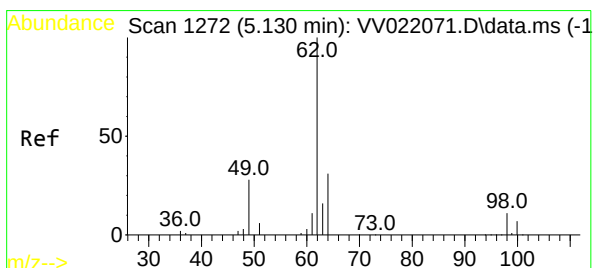
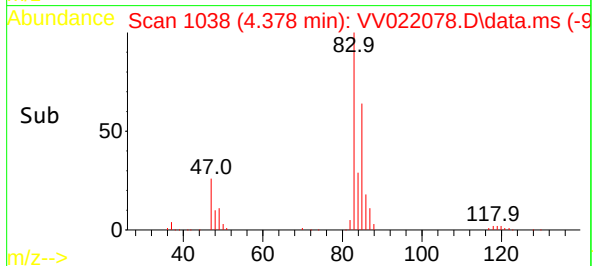
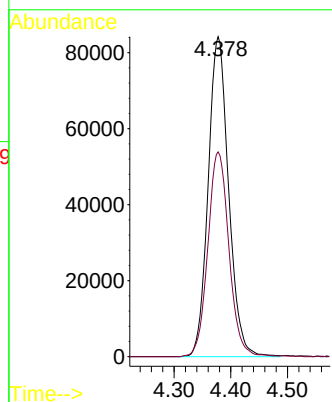
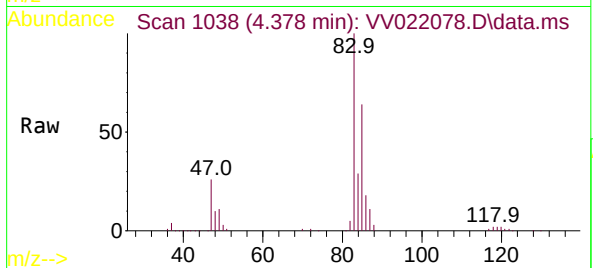
Acq: 02 Sep 2021 16:11

Tgt Ion: 83 Resp: 211186

Ion Ratio Lower Upper

83 100

85 64.0 46.3 85.9



#27

1,2-Dichloroethane

Concen: 47.221 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV022078.D

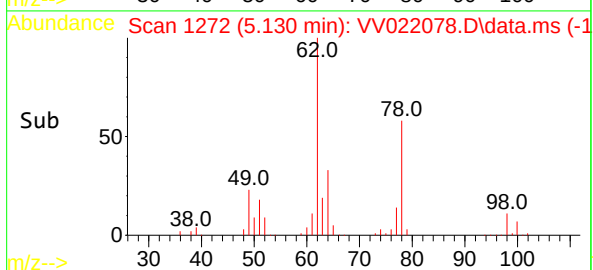
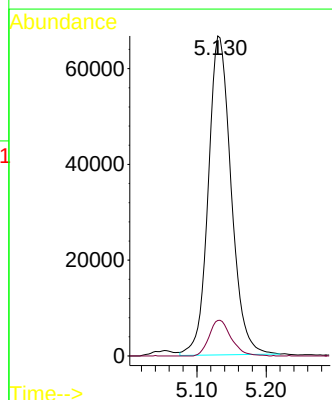
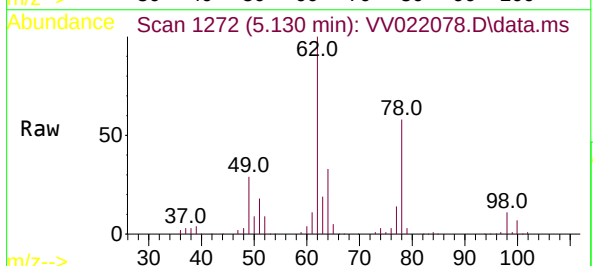
Acq: 02 Sep 2021 16:11

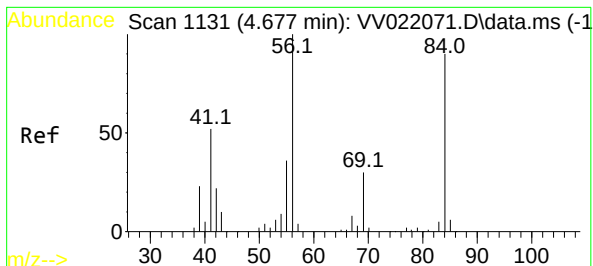
Tgt Ion: 62 Resp: 152530

Ion Ratio Lower Upper

62 100

98 11.1 8.5 12.7

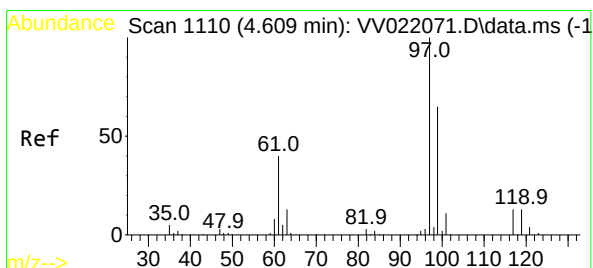
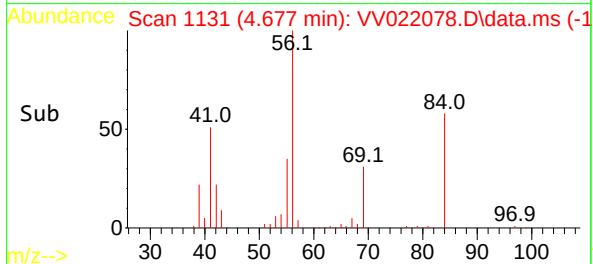
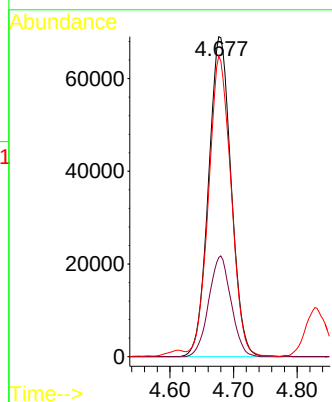
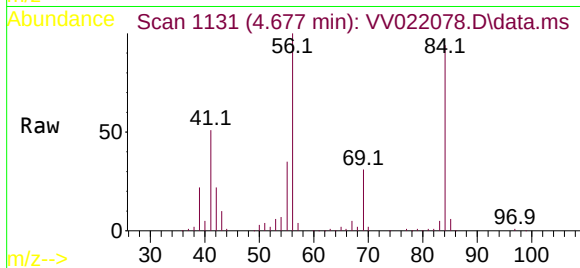




#29
Cyclohexane
Concen: 43.721 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

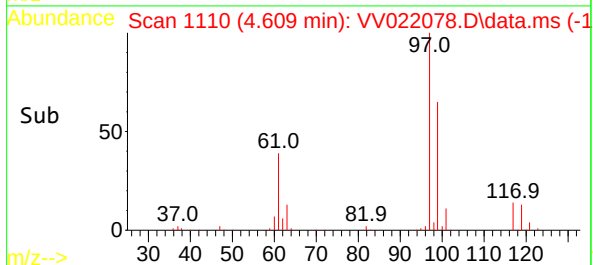
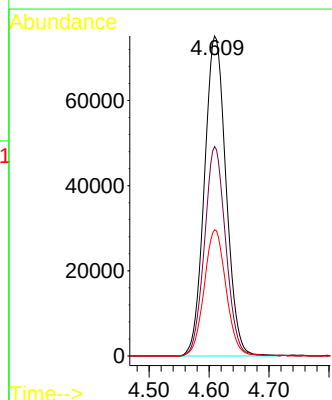
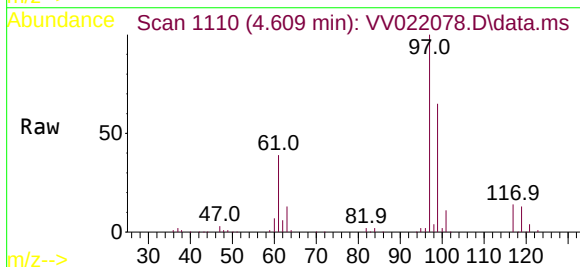
Instrument :
MSVOA_V
ClientSampleId :

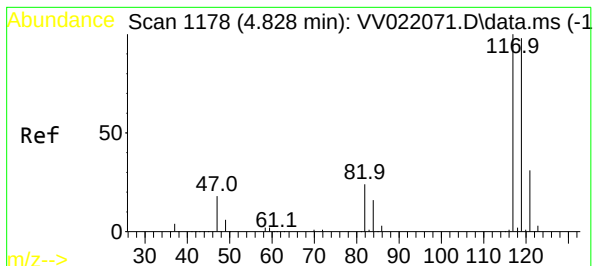
Tgt Ion: 56 Resp: 170559
Ion Ratio Lower Upper
56 100
69 31.1 25.2 37.8
84 93.7 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 45.533 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 97 Resp: 188853
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 39.9 31.8 47.8

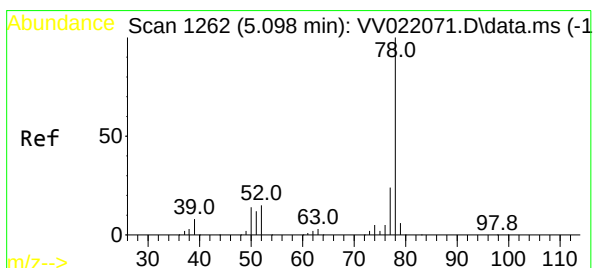
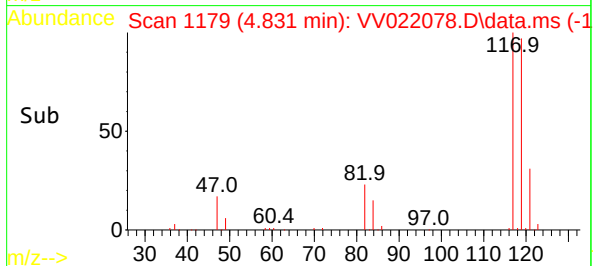
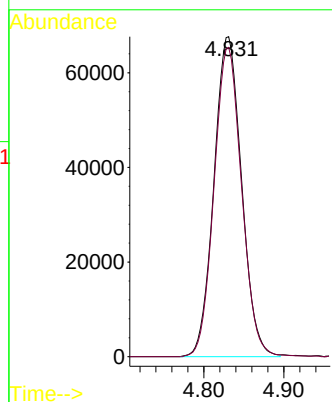
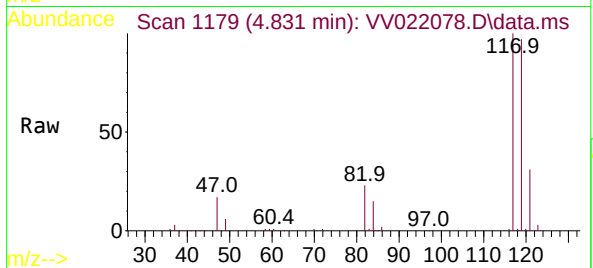




#31
Carbon tetrachloride
Concen: 45.498 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

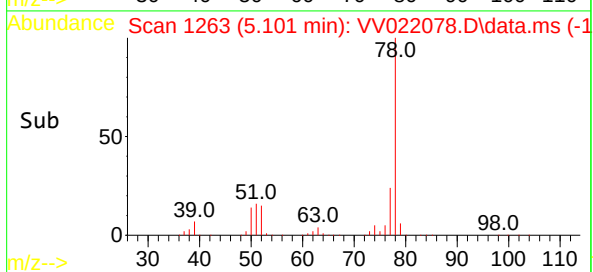
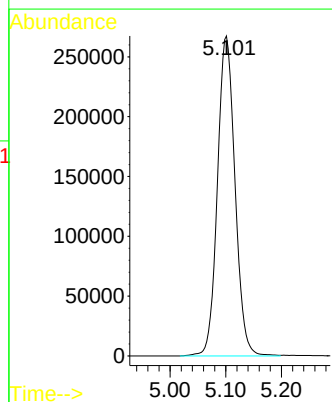
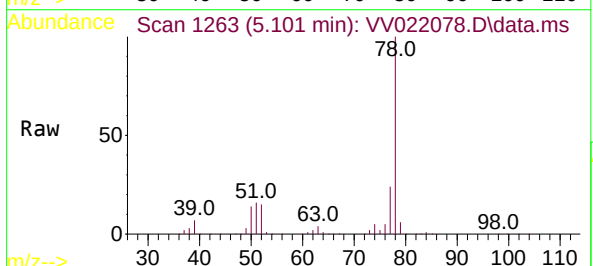
Instrument :
MSVOA_V
ClientSampleId :

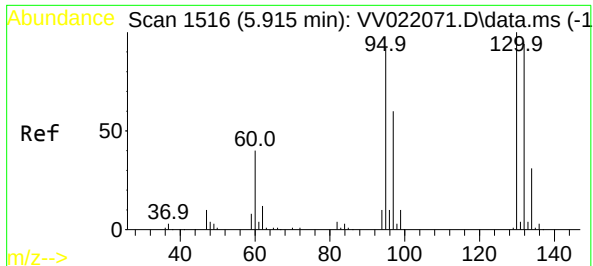
Tgt Ion:117 Resp: 162131
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8



#33
Benzene
Concen: 57.754 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 78 Resp: 586394





#34

Trichloroethene

Concen: 41.322 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022078.D

Acq: 02 Sep 2021 16:11

Tgt Ion: 95 Resp: 118841

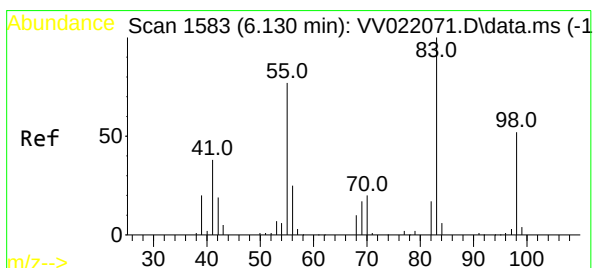
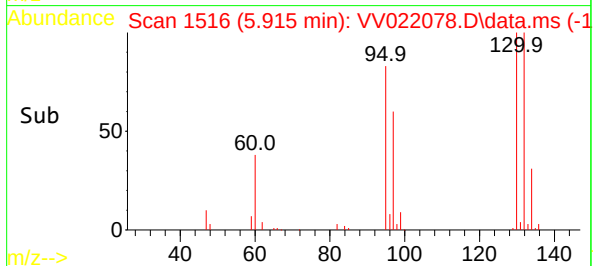
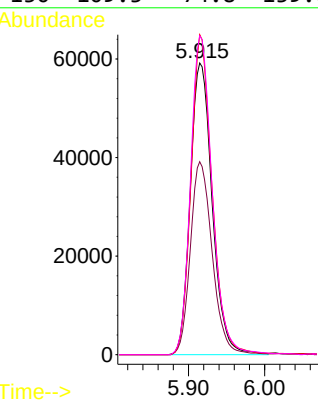
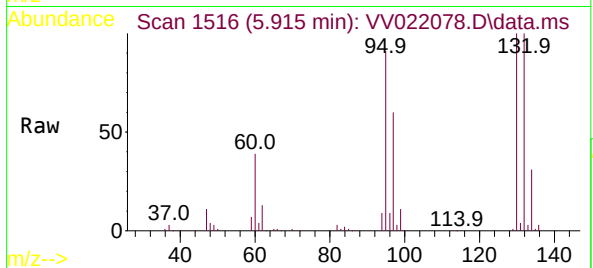
Ion Ratio Lower Upper

95 100

97 66.1 44.1 81.9

132 109.7 70.7 131.3

130 109.3 74.8 139.0



#35

Methylcyclohexane

Concen: 43.420 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022078.D

Acq: 02 Sep 2021 16:11

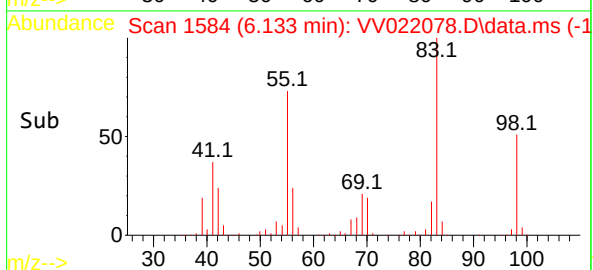
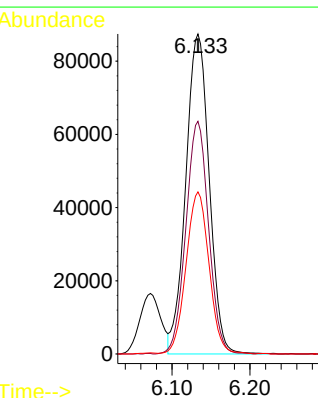
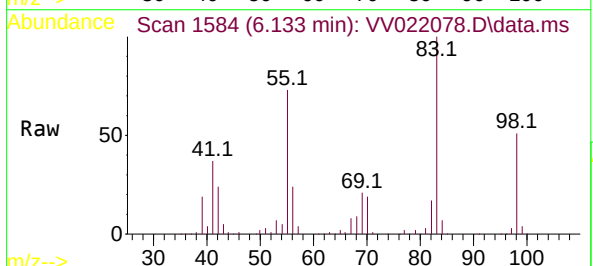
Tgt Ion: 83 Resp: 182558

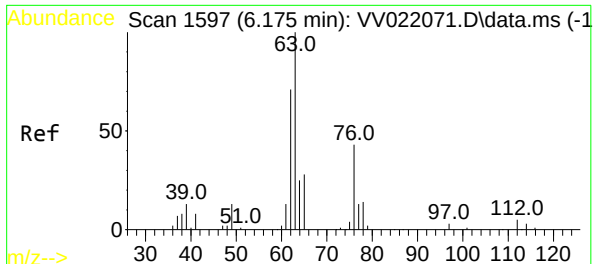
Ion Ratio Lower Upper

83 100

55 70.6 56.8 85.2

98 49.9 39.9 59.9

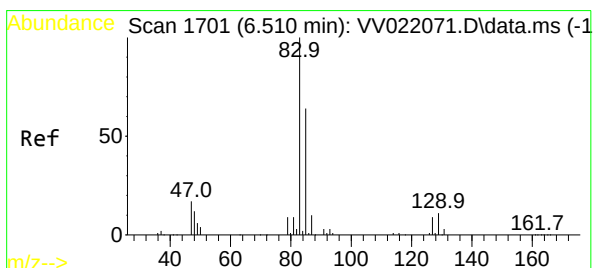
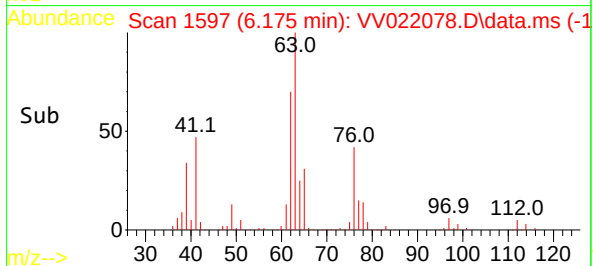
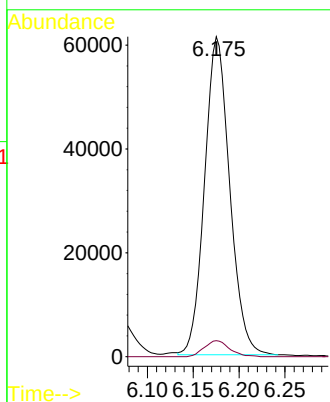
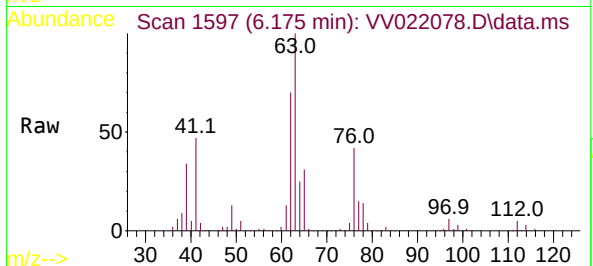




#37
1,2-Dichloropropane
Concen: 44.360 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

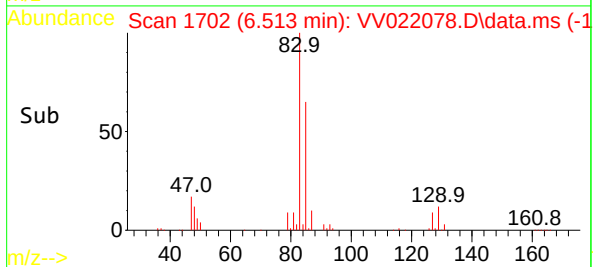
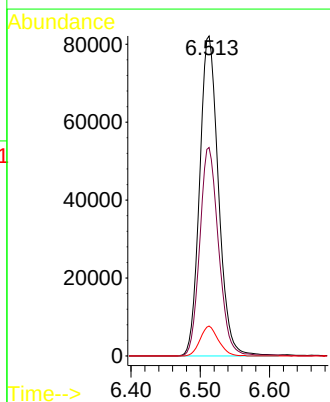
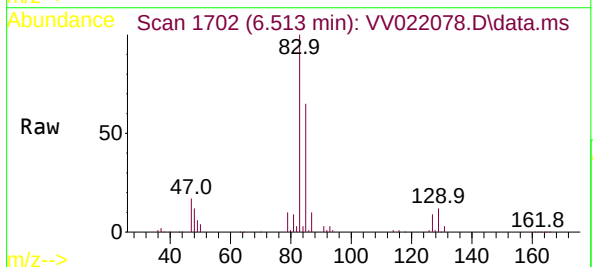
Instrument :
MSVOA_V
ClientSampleId :

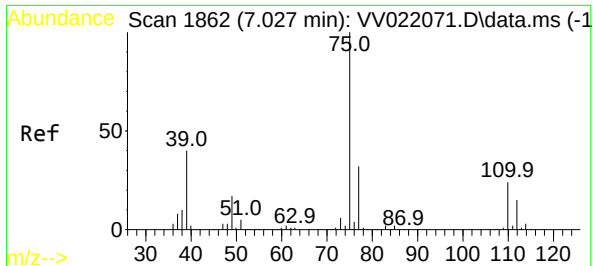
Tgt Ion: 63 Resp: 116753
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6



#38
Bromodichloromethane
Concen: 46.095 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 83 Resp: 155145
Ion Ratio Lower Upper
83 100
85 65.1 44.8 83.2
127 9.4 7.3 10.9

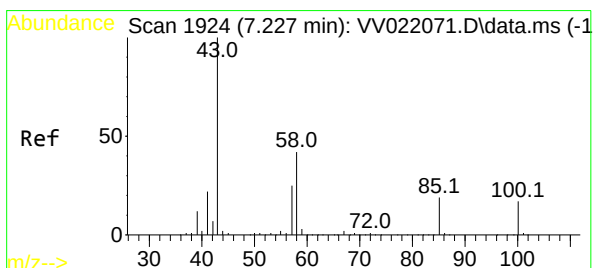
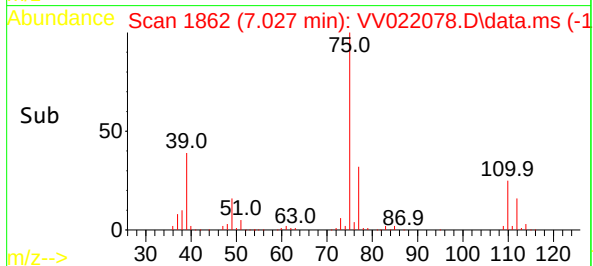
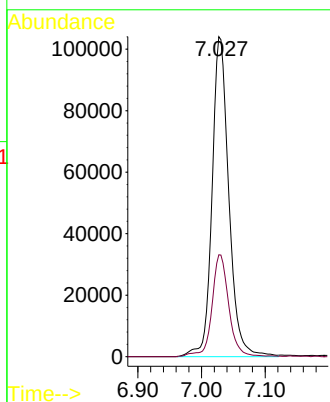
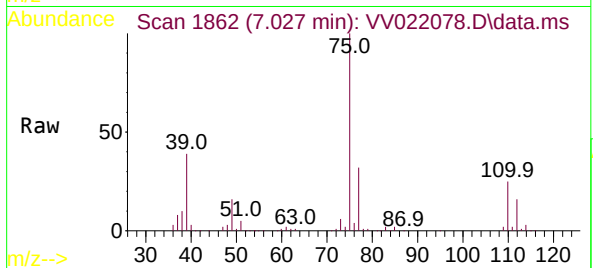




#39
 cis-1,3-Dichloropropene
 Concen: 46.948 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV022078.D
 Acq: 02 Sep 2021 16:11

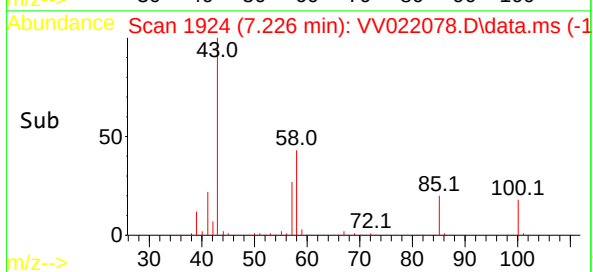
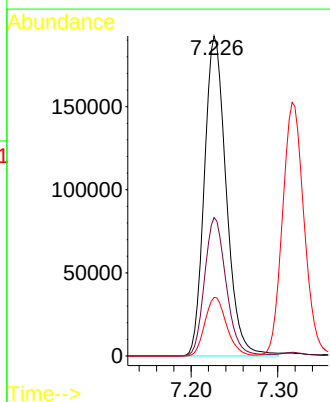
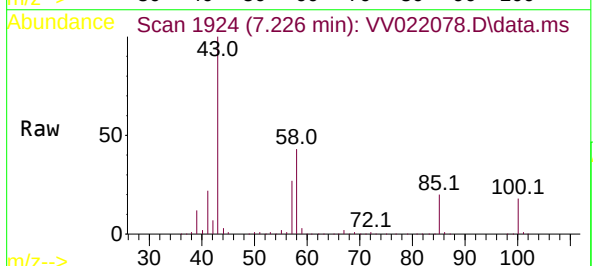
Instrument :
 MSVOA_V
 ClientSampled :

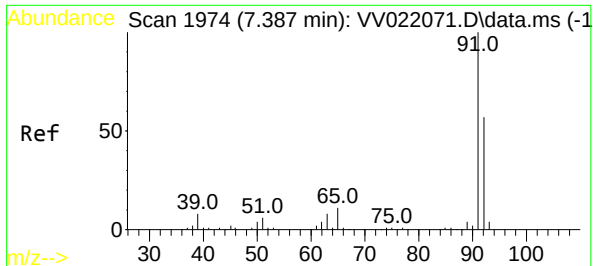
Tgt Ion: 75 Resp: 190771
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 94.786 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022078.D
 Acq: 02 Sep 2021 16:11

Tgt Ion: 43 Resp: 338208
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.3 49.9
 100 18.2 14.5 21.7

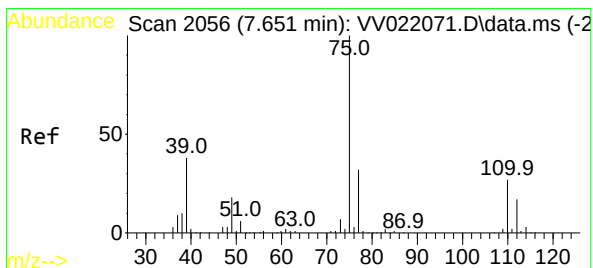
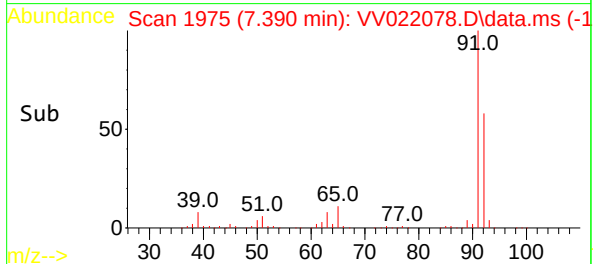
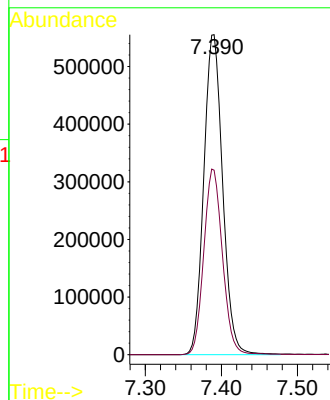
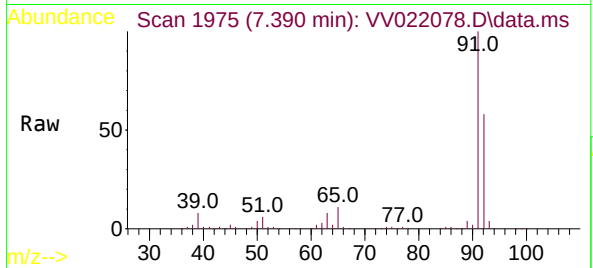




#42
Toluene
Concen: 87.362 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

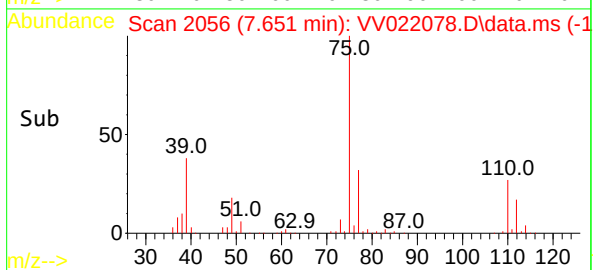
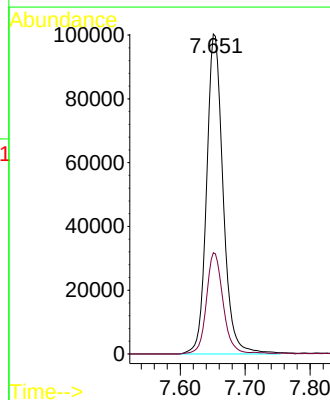
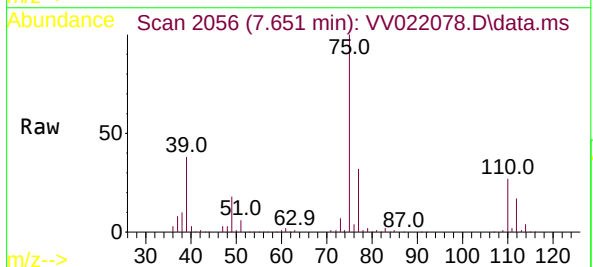
Instrument :
MSVOA_V
ClientSampled :

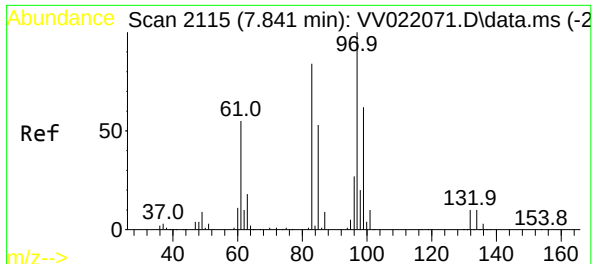
Tgt Ion: 91 Resp: 957342
Ion Ratio Lower Upper
91 100
92 57.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 47.021 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 75 Resp: 177830
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6





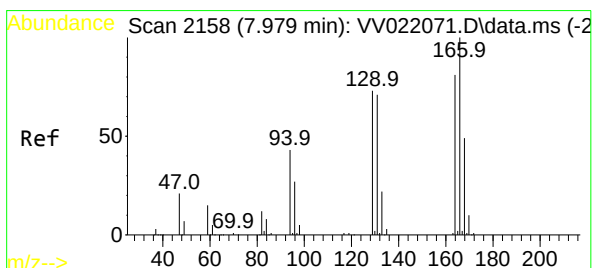
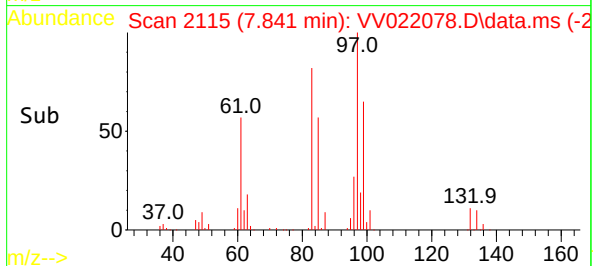
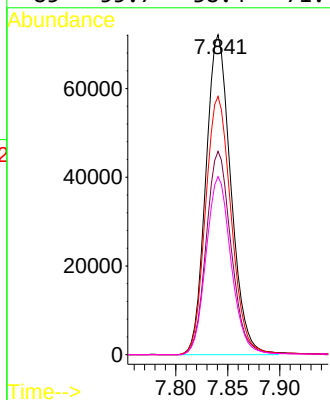
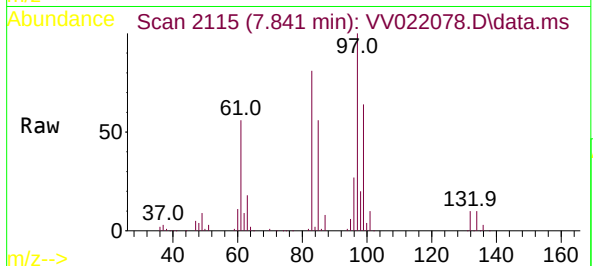
#45

1,1,2-Trichloroethane
Concen: 45.170 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 120964

Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.8	81.4
83	80.7	58.8	109.2
85	55.7	38.4	71.4

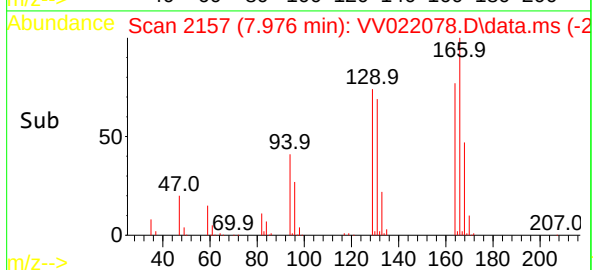
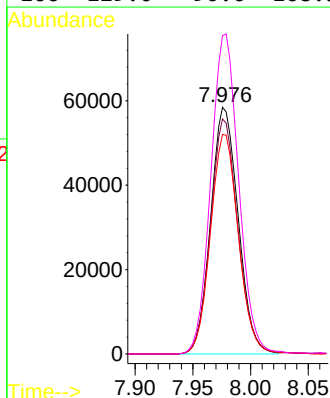
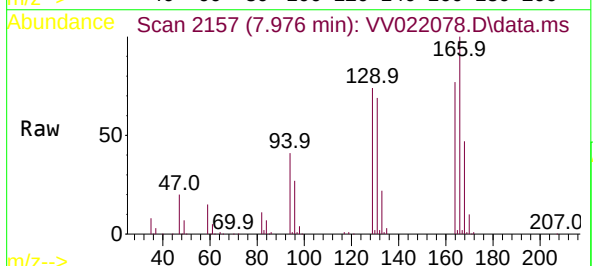


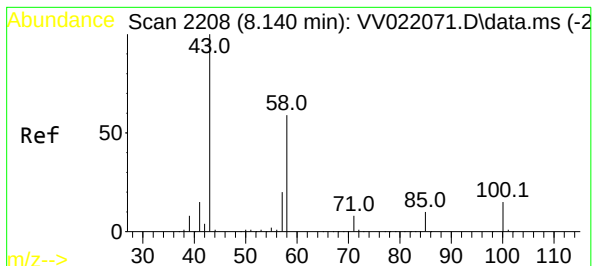
#46

Tetrachloroethene
Concen: 43.362 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 164 Resp: 96969

Ion	Ratio	Lower	Upper
164	100		
129	95.3	62.9	116.9
131	89.0	61.0	113.4
166	129.0	90.6	168.3



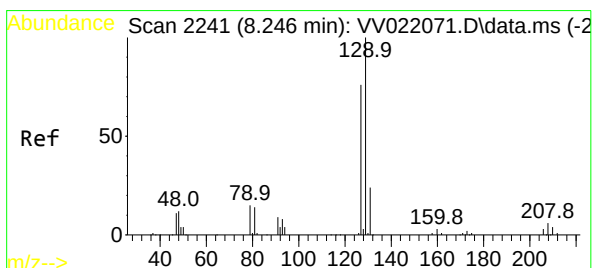
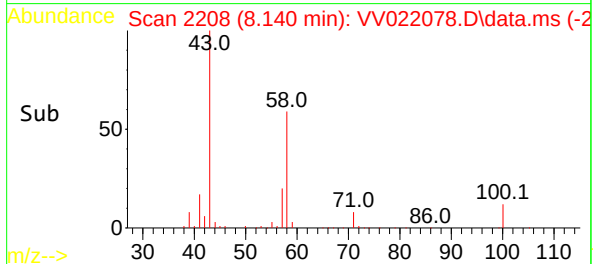
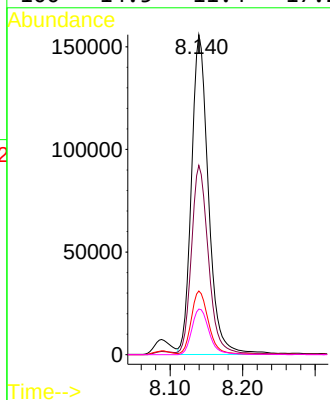
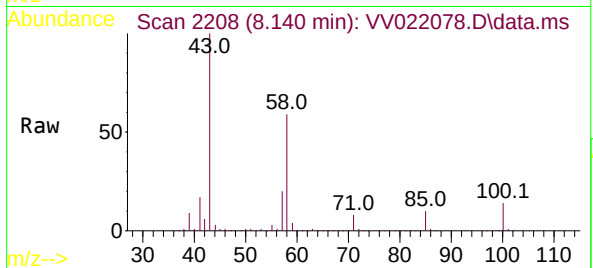


#48
2-Hexanone
Concen: 91.777 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 254081

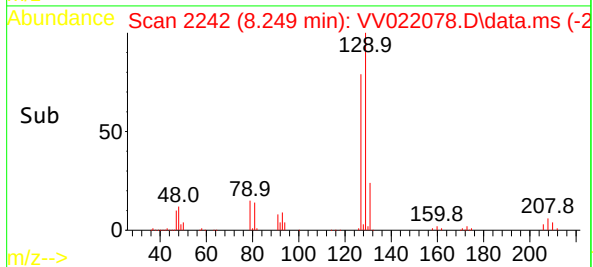
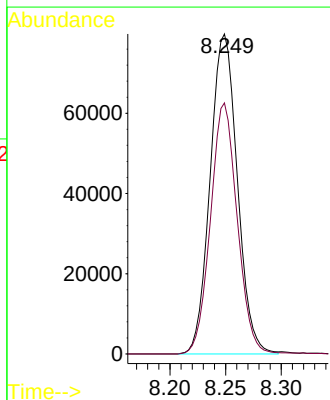
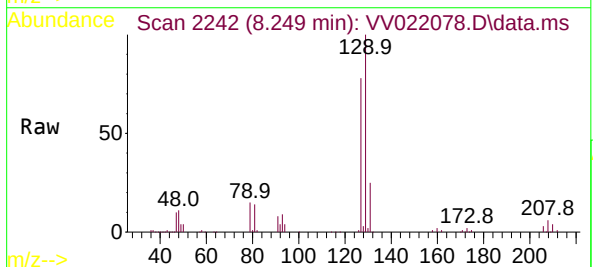
Ion	Ratio	Lower	Upper
43	100		
58	58.4	47.5	71.3
57	19.7	15.9	23.9
100	14.5	11.4	17.2

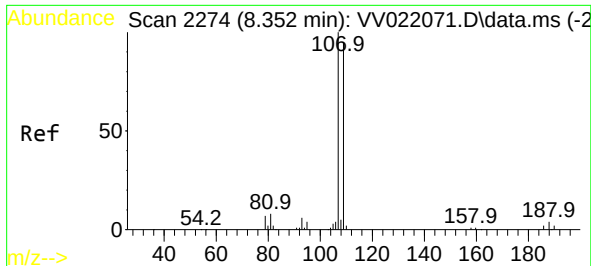


#49
Dibromochloromethane
Concen: 47.280 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 129 Resp: 135530

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.1	100.5





#50

1,2-Dibromoethane

Concen: 46.109 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

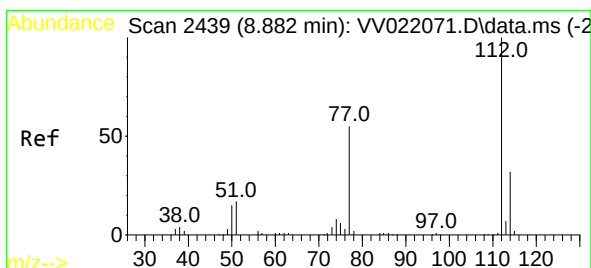
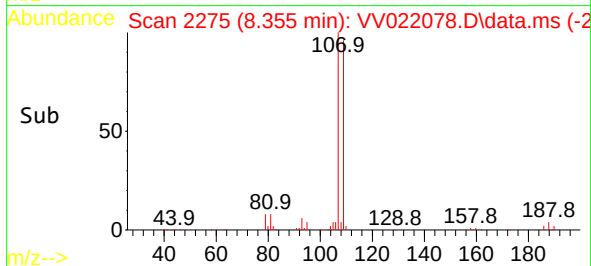
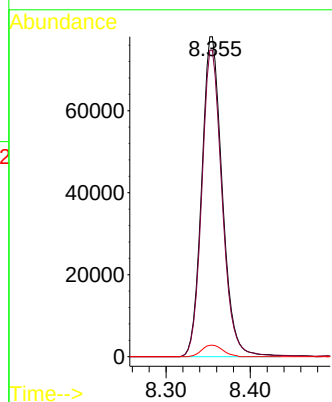
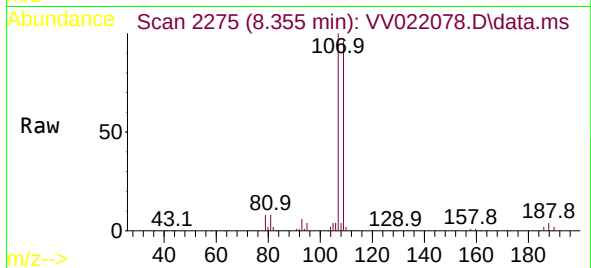
Lab File: VV022078.D

Acq: 02 Sep 2021 16:11

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 132521

Ion	Ratio	Lower	Upper
107	100		
109	95.8	65.5	121.6
188	3.6	3.2	4.8



#51

Chlorobenzene

Concen: 44.998 ug/L

RT: 8.882 min Scan# 2439

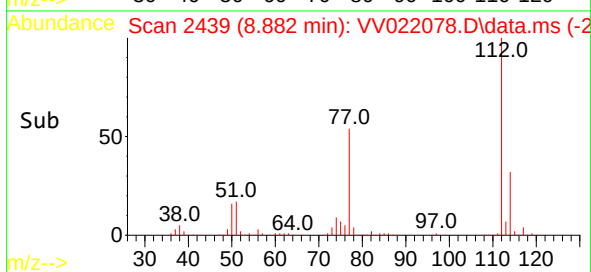
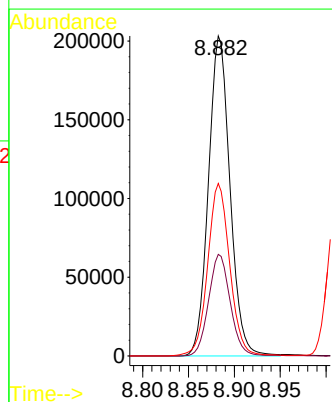
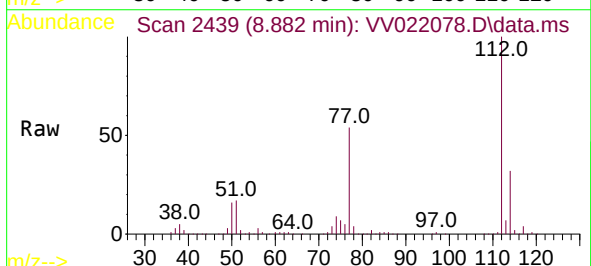
Delta R.T. -0.000 min

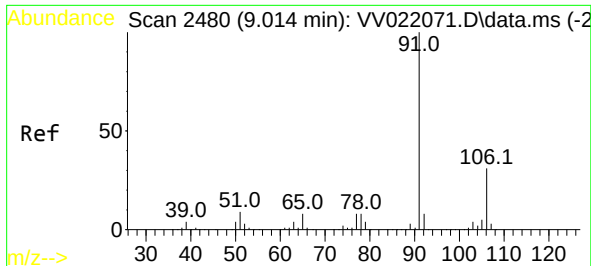
Lab File: VV022078.D

Acq: 02 Sep 2021 16:11

Tgt Ion:112 Resp: 331534

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.0	41.0
77	53.9	43.2	64.8

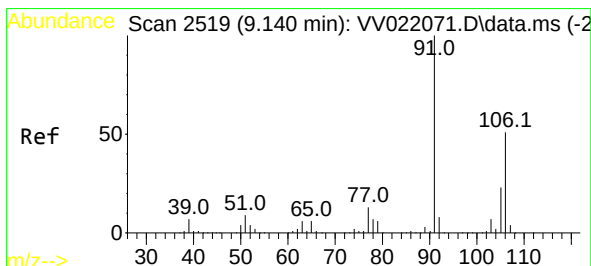
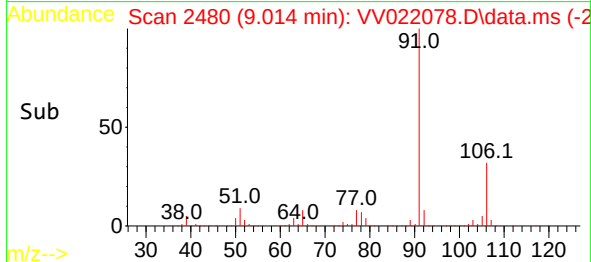
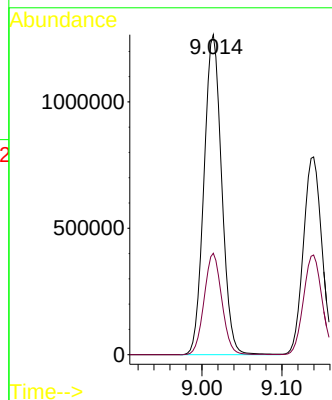
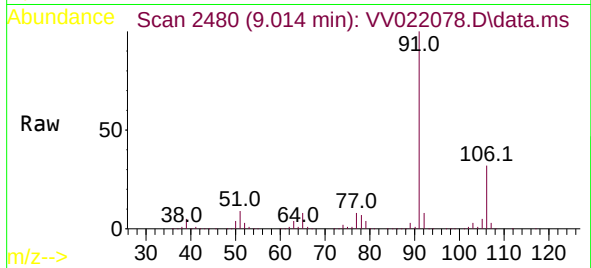




#52
Ethylbenzene
Concen: 164.832 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

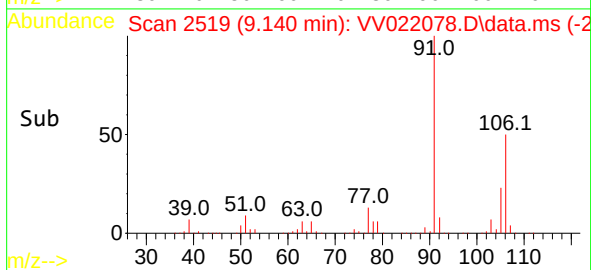
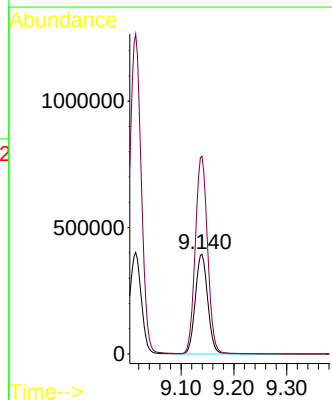
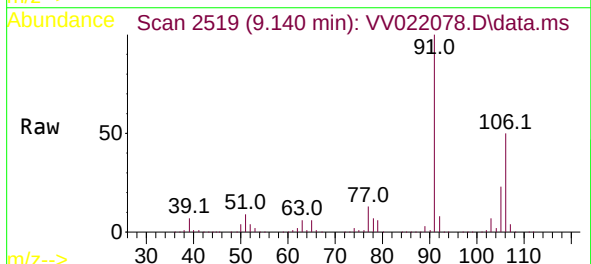
Instrument :
MSVOA_V
ClientSampled :

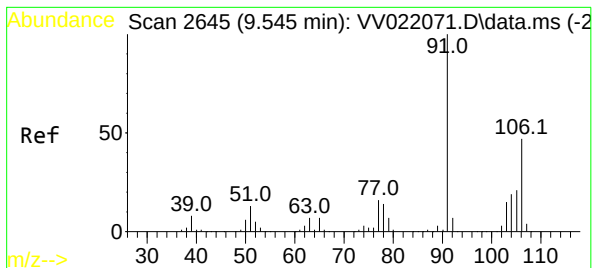
Tgt Ion: 91 Resp: 1955332
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 139.302 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 106 Resp: 642291
Ion Ratio Lower Upper
106 100
91 198.3 139.1 258.3

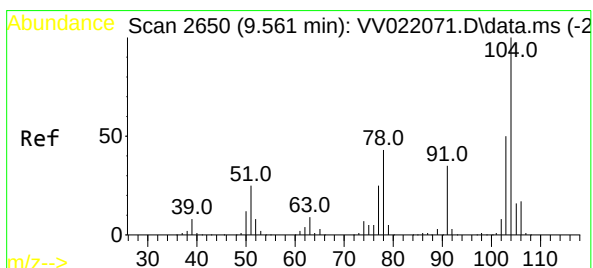
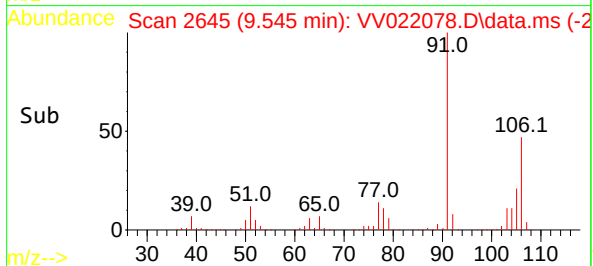
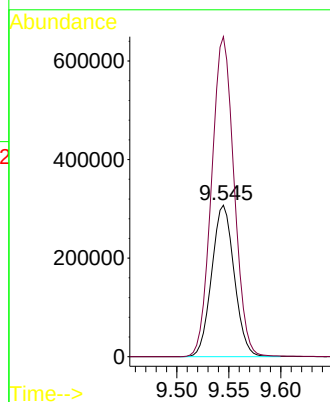
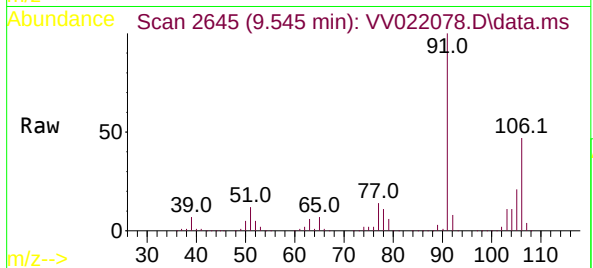




#54
o-Xylene
Concen: 101.573 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

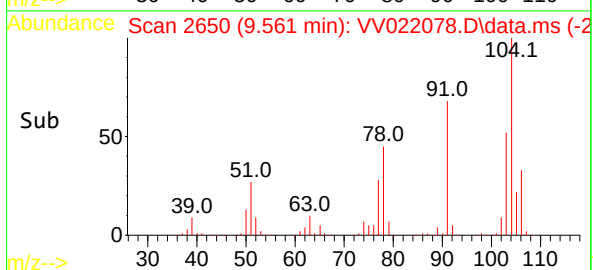
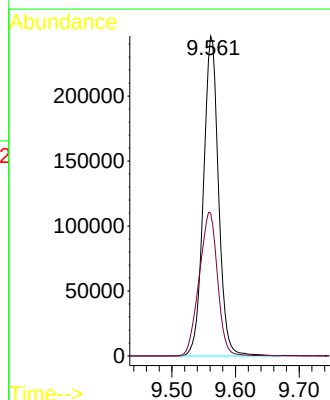
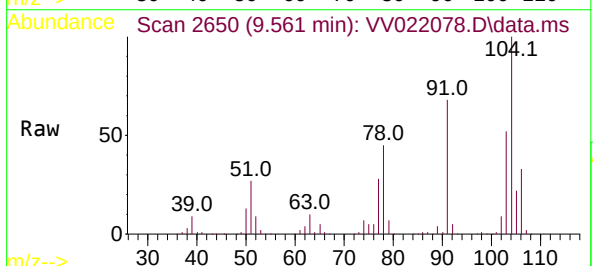
Instrument :
MSVOA_V
ClientSampled :

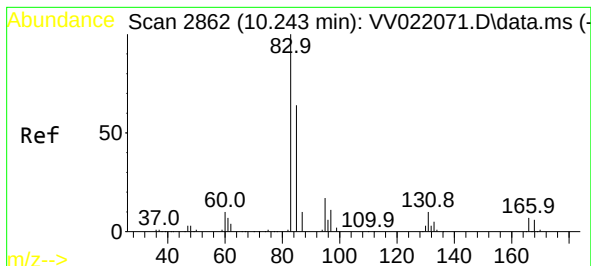
Tgt Ion:106 Resp: 463389
Ion Ratio Lower Upper
106 100
91 211.1 150.1 278.9



#55
Styrene
Concen: 52.154 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion:104 Resp: 406051
Ion Ratio Lower Upper
104 100
78 44.7 28.6 53.2

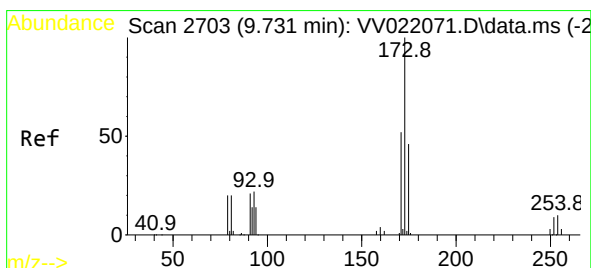
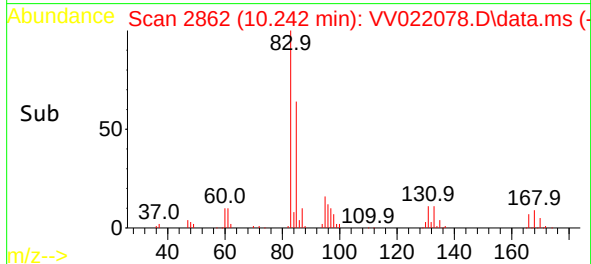
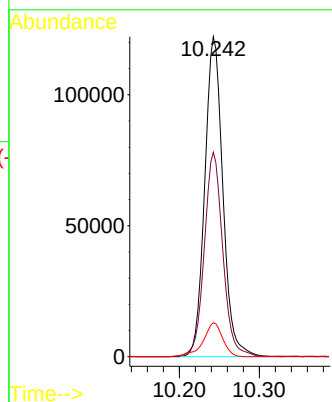
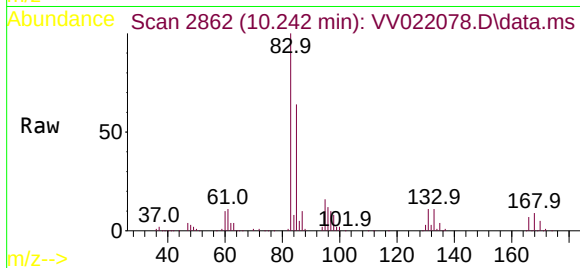




#57
1,1,2,2-Tetrachloroethane
Concen: 49.737 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

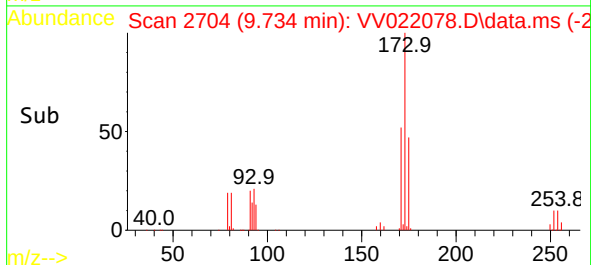
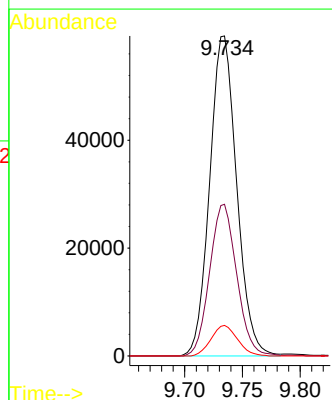
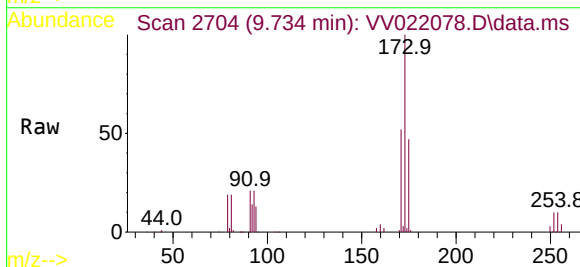
Instrument :
MSVOA_V
ClientSampleId :

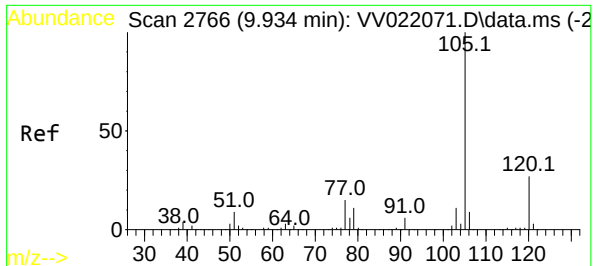
Tgt Ion: 83 Resp: 192980
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.6 8.2 12.2



#59
Bromoform
Concen: 48.401 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 173 Resp: 96554
Ion Ratio Lower Upper
173 100
175 47.4 38.8 58.2
254 9.3 7.0 10.4

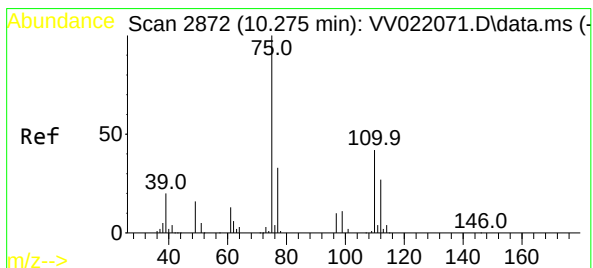
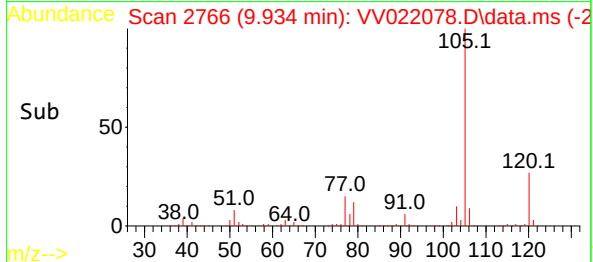
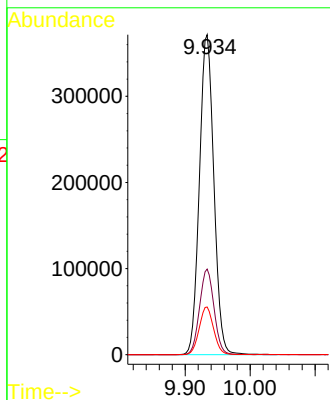
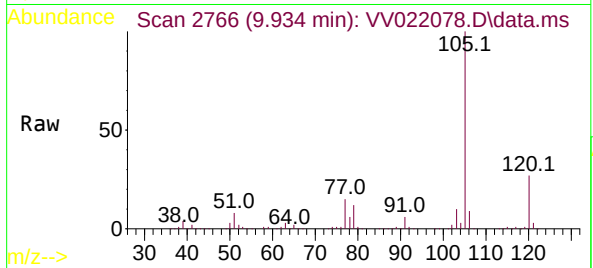




#60
Isopropylbenzene
Concen: 48.843 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

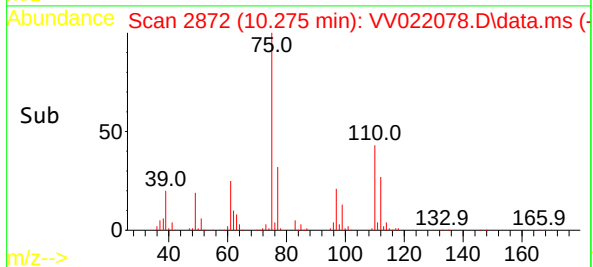
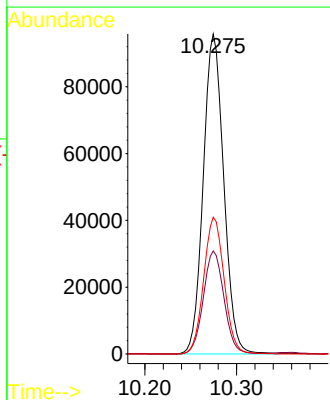
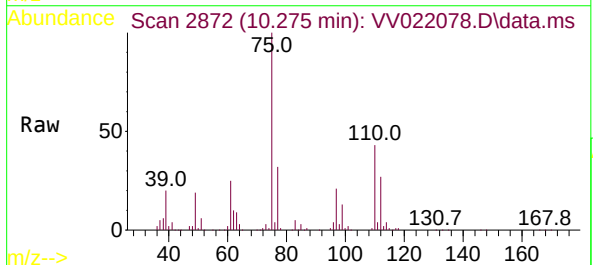
Instrument :
MSVOA_V
ClientSampleId :

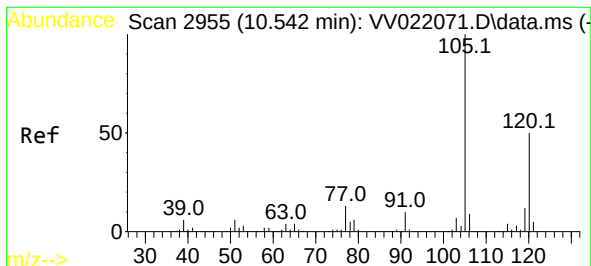
Tgt Ion:105 Resp: 576446
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 45.684 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 75 Resp: 148711
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 42.7 33.8 50.6

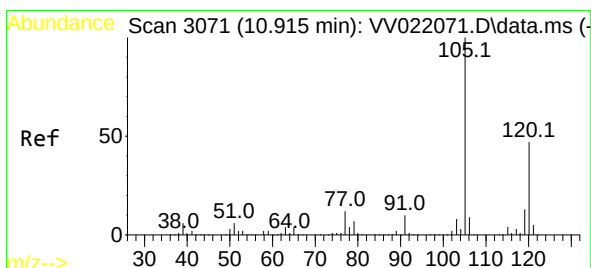
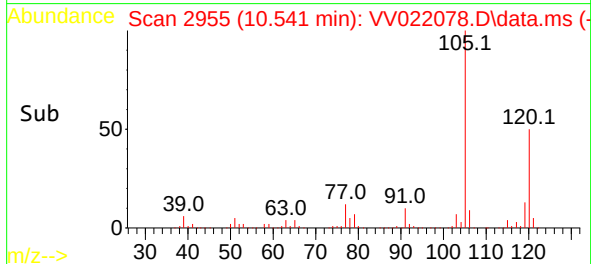
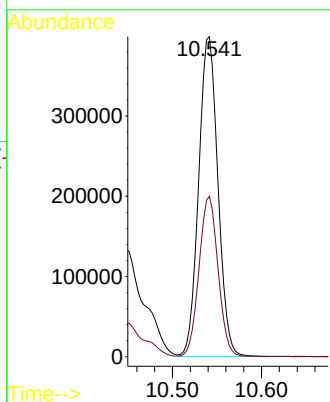
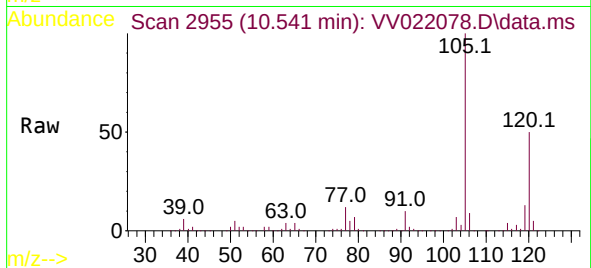




#62
1,3,5-Trimethylbenzene
Concen: 60.399 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

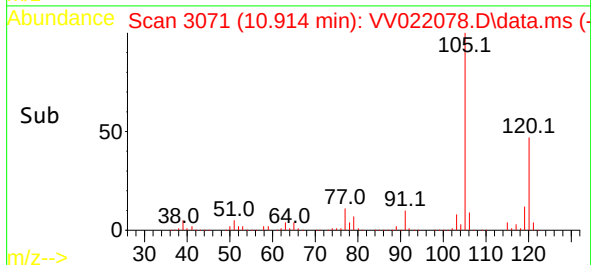
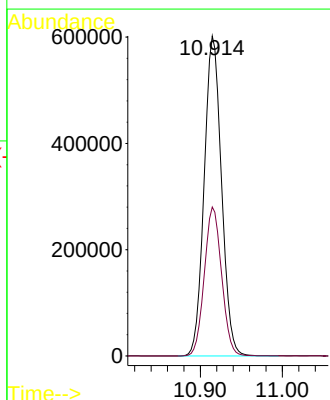
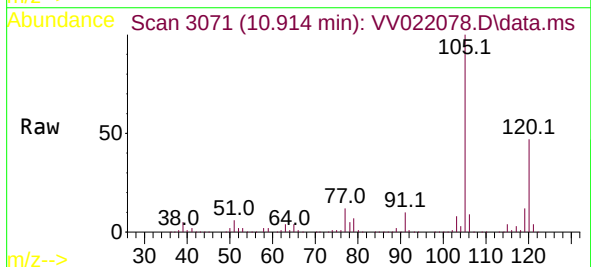
Instrument :
MSVOA_V
ClientSampled :

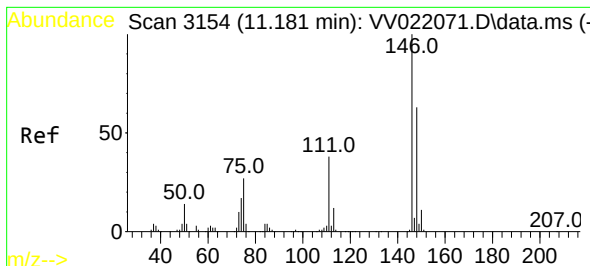
Tgt Ion:105 Resp: 598440
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 87.561 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion:105 Resp: 881810
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.0



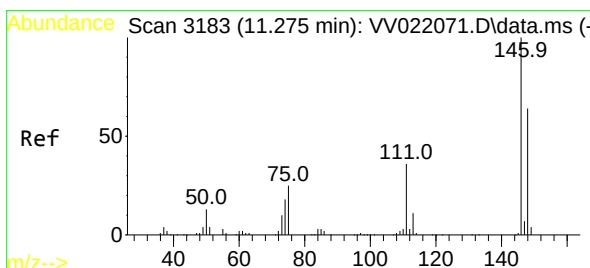
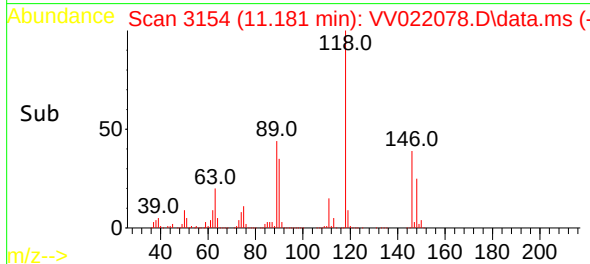
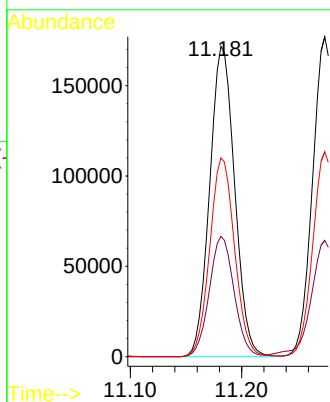
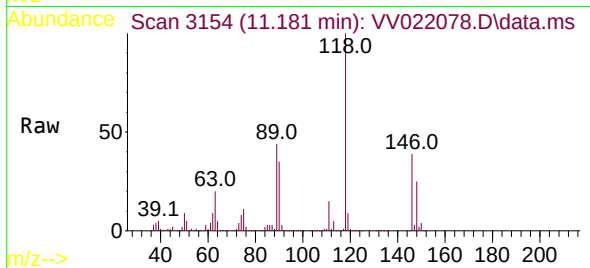


#64

1,3-Dichlorobenzene
Concen: 44.616 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :

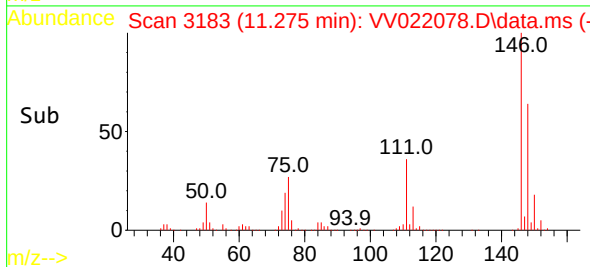
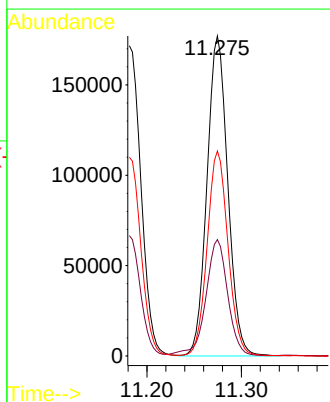
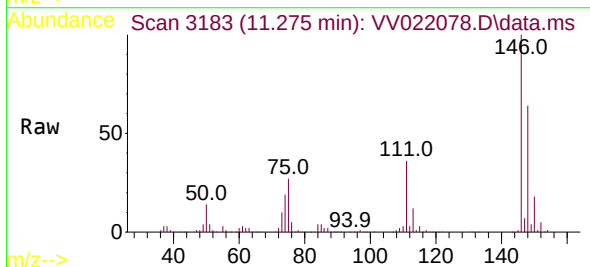
Tgt Ion:146 Resp: 267347
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 64.1 45.5 84.5

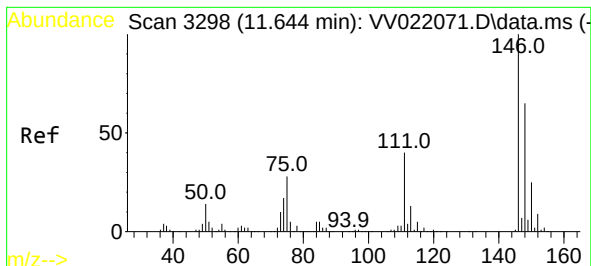


#65

1,4-Dichlorobenzene
Concen: 44.189 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion:146 Resp: 270952
Ion Ratio Lower Upper
146 100
111 36.4 25.3 46.9
148 64.1 44.4 82.5

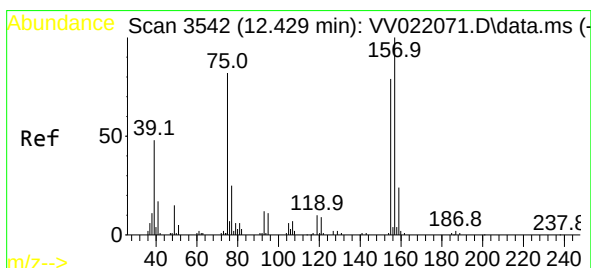
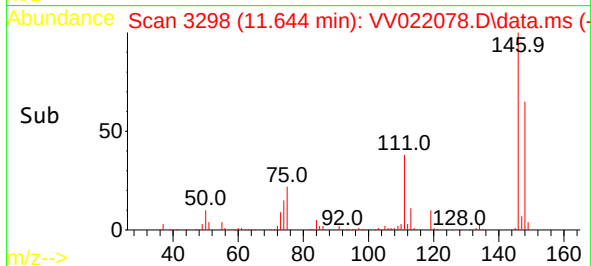
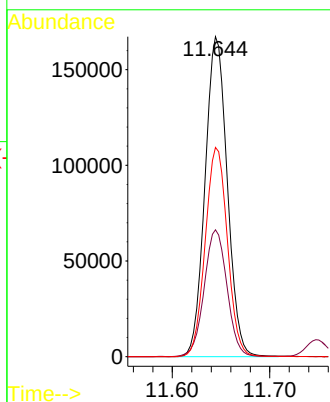
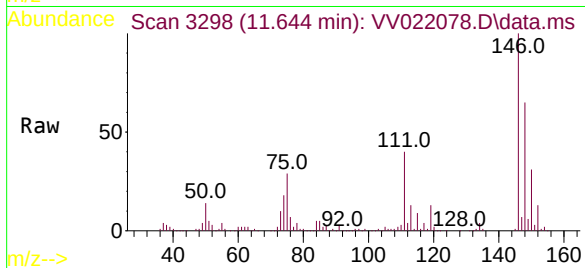




#67
1,2-Dichlorobenzene
Concen: 44.511 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

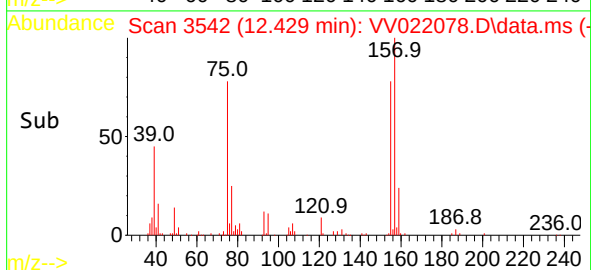
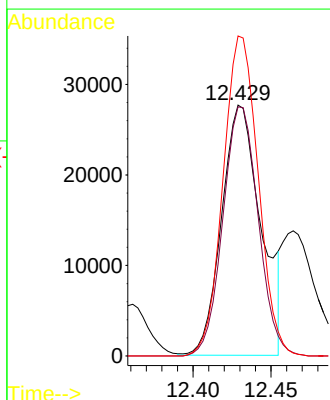
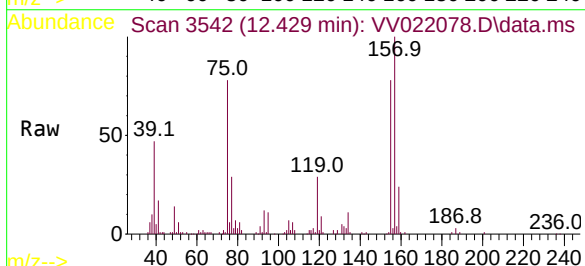
Instrument :
MSVOA_V
ClientSampleId :

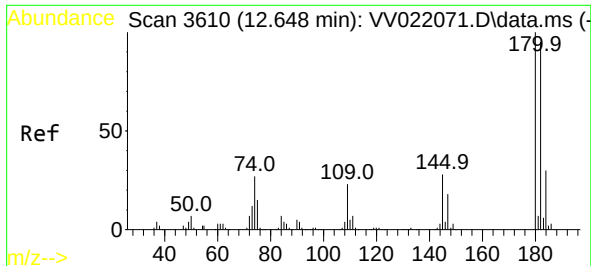
Tgt Ion:146 Resp: 264834
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 65.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 62.049 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion: 75 Resp: 48680
Ion Ratio Lower Upper
75 100
155 99.3 79.8 119.6
157 127.5 98.3 147.5

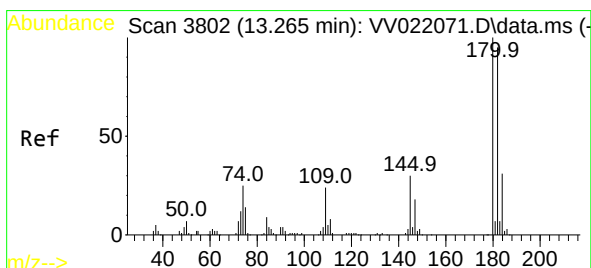
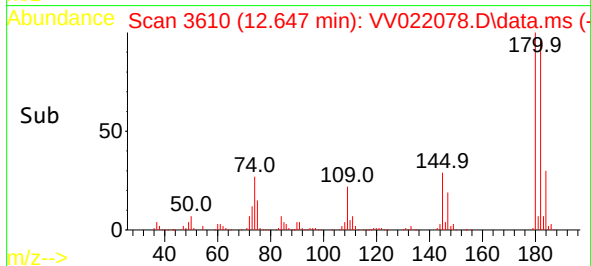
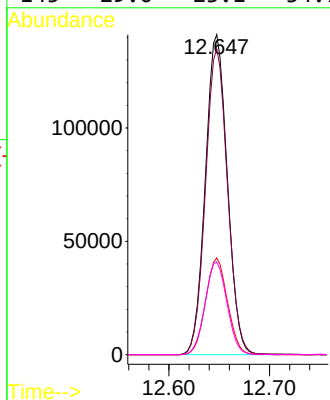
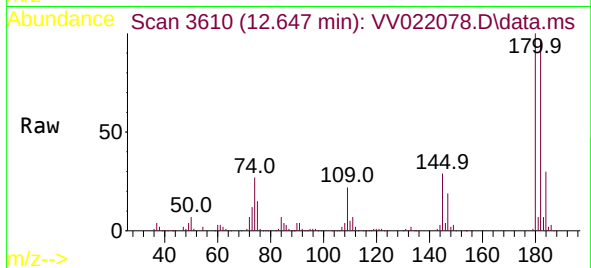




#69
1,3,5-Trichlorobenzene
Concen: 47.820 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

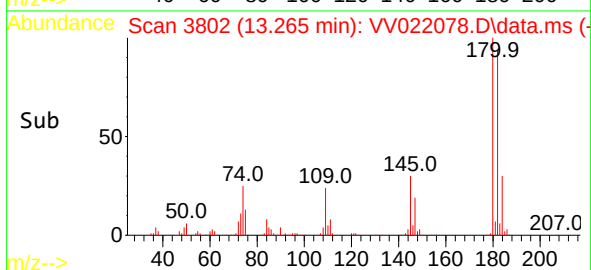
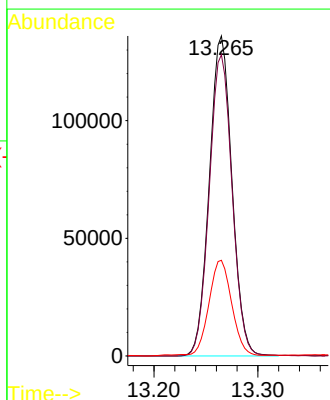
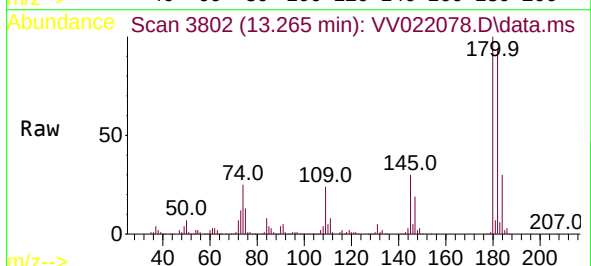
Instrument :
MSVOA_V
ClientSampleId :

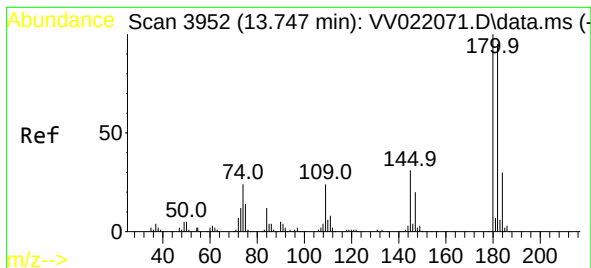
Tgt Ion:	180	Resp:	214265
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
184	30.1	24.0	36.0
145	29.0	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 52.216 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV022078.D
Acq: 02 Sep 2021 16:11

Tgt Ion:	180	Resp:	205812
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.9	113.9
145	29.7	23.8	35.6





#72
 1,2,3-Trichlorobenzene
 Concen: 50.182 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. -0.000 min
 Lab File: VV022078.D
 Acq: 02 Sep 2021 16:11

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 192924
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.3 114.5
 145 36.4 25.4 38.0

