

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV022026.D
 Acq On : 31 Aug 2021 00:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:32:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 04:25:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	368324	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	357619	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	195275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98455	38.599	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.200%		
7) Chloroethane-d5	1.561	69	86298	43.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.640%		
11) 1,1-Dichloroethene-d2	2.108	63	183766	43.563	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.120%		
21) 2-Butanone-d5	3.873	46	173198	99.009	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.010%		
24) Chloroform-d	4.349	84	212383	45.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.320%		
26) 1,2-Dichloroethane-d4	5.034	65	128538	46.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.840%		
32) Benzene-d6	5.050	84	437161	45.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
36) 1,2-Dichloropropane-d6	6.072	67	138007	45.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.480%		
41) Toluene-d8	7.317	98	415538	45.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.760%		
43) trans-1,3-Dichloroprop...	7.622	79	61082	42.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.140%		
47) 2-Hexanone-d5	8.088	63	122222	104.422	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.420%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	197524	50.559	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.120%		
66) 1,2-Dichlorobenzene-d4	11.628	152	170489	44.411	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	113851	44.968	ug/L	99
3) Chloromethane	1.240	50	120995	45.132	ug/L	99
5) Vinyl chloride	1.307	62	126471	46.804	ug/L	99
6) Bromomethane	1.513	94	74542	45.884	ug/L	97
8) Chloroethane	1.581	64	81729	48.350	ug/L	99
9) Trichlorofluoromethane	1.751	101	189777	49.319	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	107672	47.707	ug/L	100
12) 1,1-Dichloroethene	2.114	96	102249	48.127	ug/L	91
13) Acetone	2.159	43	113809	77.648	ug/L #	74
14) Carbon disulfide	2.291	76	293473	45.779	ug/L	100
15) Methyl Acetate	2.426	43	141712	49.648	ug/L	99
16) Methylene chloride	2.503	84	135927	47.753	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	122521	47.696	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	388331	47.572	ug/L	99
19) 1,1-Dichloroethane	3.188	63	221013	48.307	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	137905	48.234	ug/L	98
22) 2-Butanone	3.957	43	189052	91.761	ug/L	100
23) Bromochloromethane	4.249	128	73688	48.396	ug/L	98
25) Chloroform	4.378	83	238936	49.335	ug/L	99

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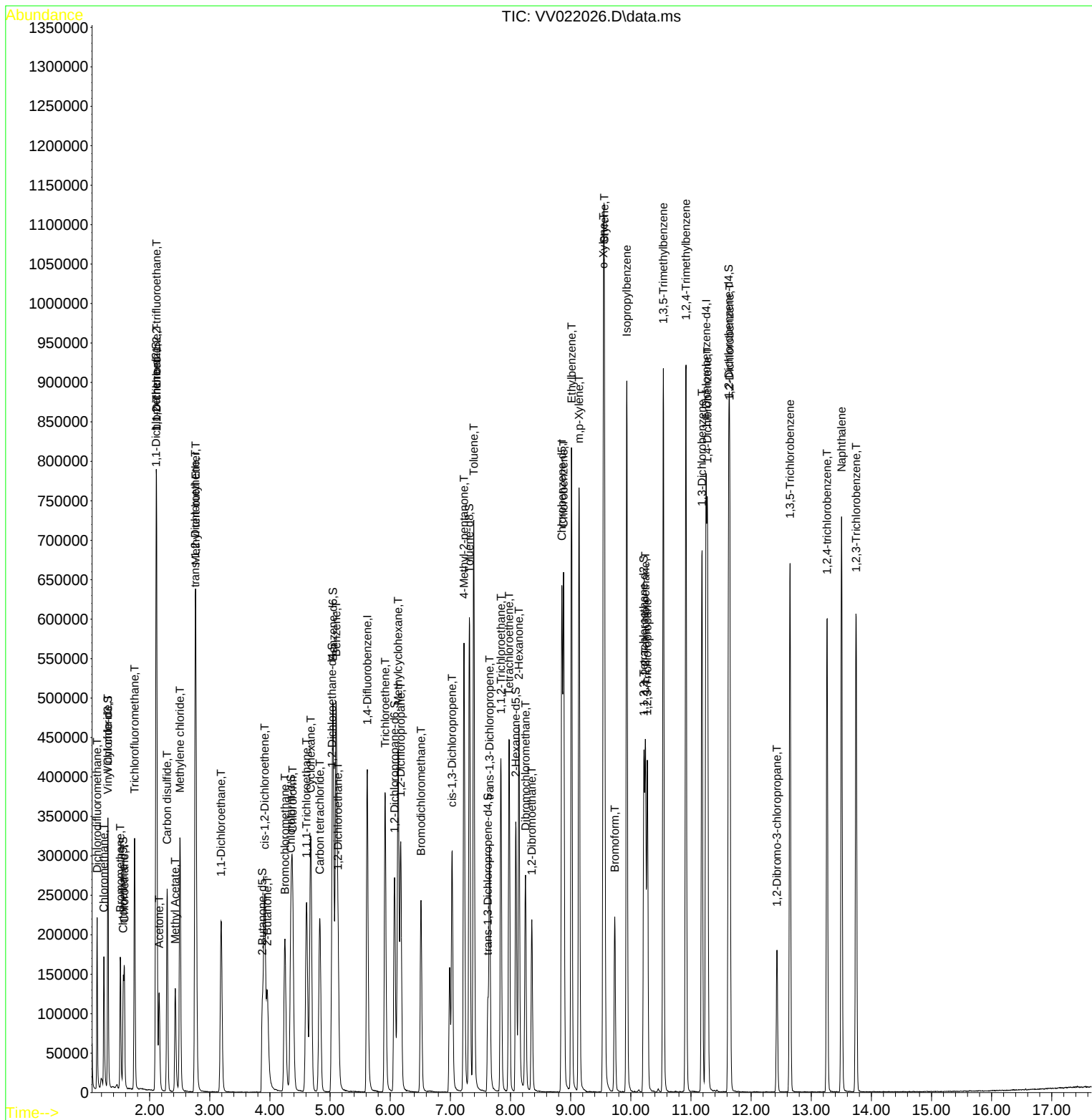
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 ClientSampleId :

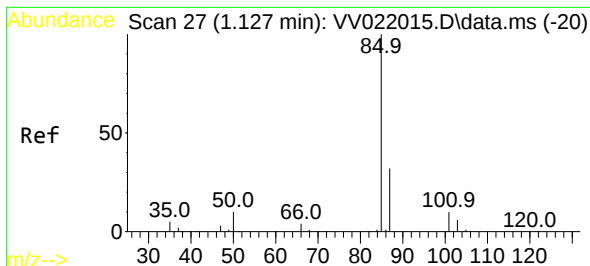
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	164471	50.661	ug/L	97
29) Cyclohexane	4.680	56	182037	45.536	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	199868	47.024	ug/L	99
31) Carbon tetrachloride	4.831	117	171063	46.845	ug/L	99
33) Benzene	5.101	78	498059	47.869	ug/L	100
34) Trichloroethene	5.915	95	132353	44.908	ug/L	99
35) Methylcyclohexane	6.133	83	188707	43.799	ug/L	99
37) 1,2-Dichloropropane	6.175	63	128455	47.628	ug/L	100
38) Bromodichloromethane	6.513	83	164758	47.768	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	189720	45.561	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	370187	101.243	ug/L	100
42) Toluene	7.391	91	544737	48.509	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	178770	46.128	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	134837	49.134	ug/L	100
46) Tetrachloroethene	7.979	164	106491	46.469	ug/L	98
48) 2-Hexanone	8.140	43	275691	97.177	ug/L	100
49) Dibromochloromethane	8.249	129	141830	48.283	ug/L	98
50) 1,2-Dibromoethane	8.355	107	144007	48.895	ug/L	99
51) Chlorobenzene	8.882	112	356577	47.228	ug/L	99
52) Ethylbenzene	9.014	91	577331	47.493	ug/L	100
53) m,p-Xylene	9.140	106	223275	47.255	ug/L	100
54) o-Xylene	9.545	106	219777	47.011	ug/L	98
55) Styrene	9.561	104	388479	48.691	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	211043	53.078	ug/L	99
59) Bromoform	9.735	173	99314	47.885	ug/L	99
60) Isopropylbenzene	9.934	105	582120	47.442	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	168186	49.695	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	483778	46.963	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	496878	47.455	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	290199	46.581	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	295233	46.312	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	292449	47.277	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	41515	50.897	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	208747	44.811	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	185084	45.165	ug/L	100
71) Naphthalene	13.506	128	576307	48.889	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	188359	47.125	ug/L	100

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

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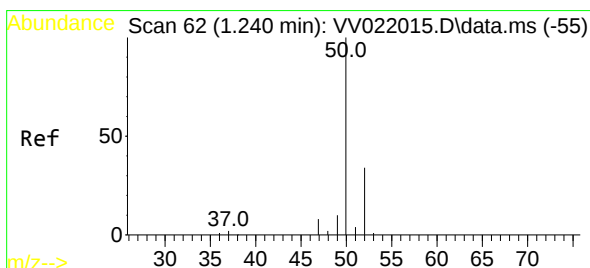
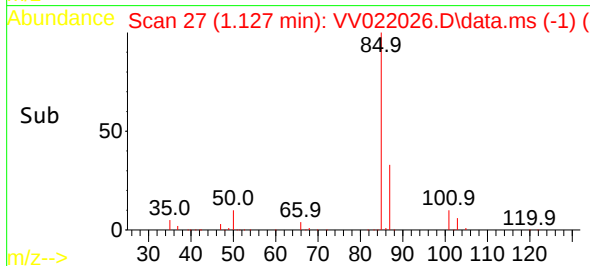
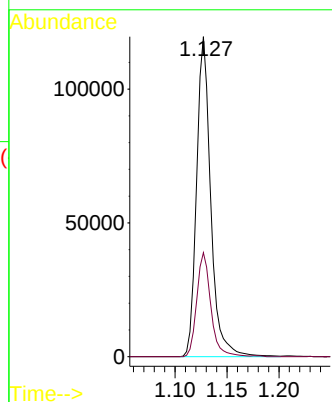
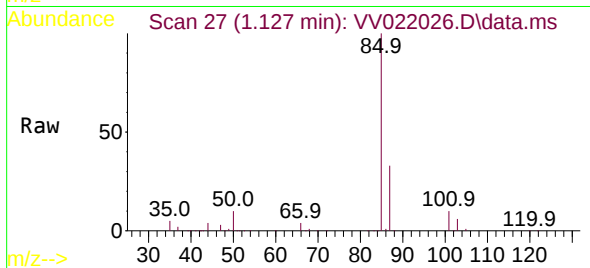




#2
Dichlorodifluoromethane
Concen: 44.968 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

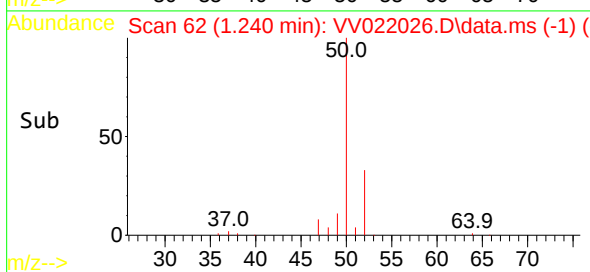
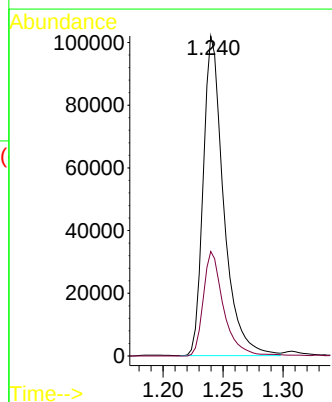
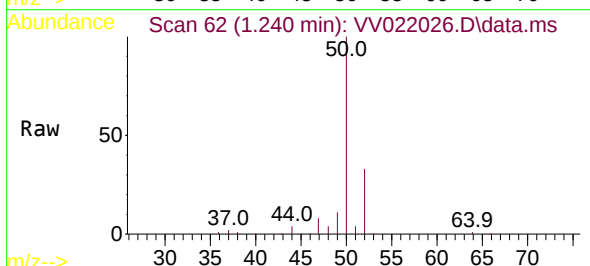
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MSVOA_V
ClientSampled :

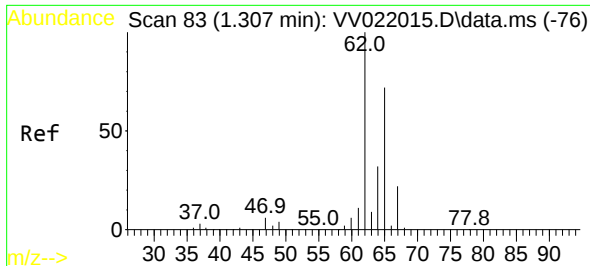
Tgt Ion: 85 Resp: 113851
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 45.132 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 50 Resp: 120995
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9

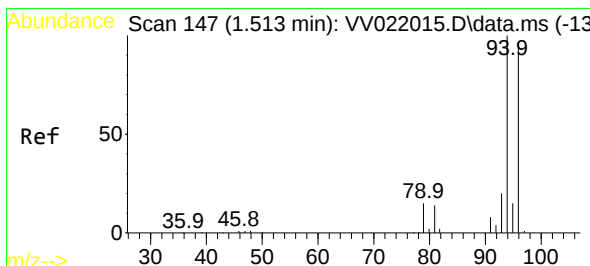
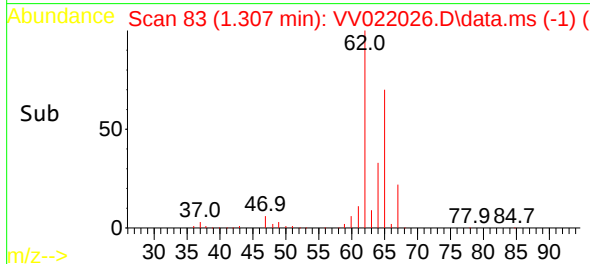
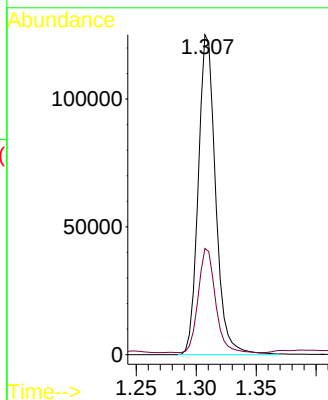
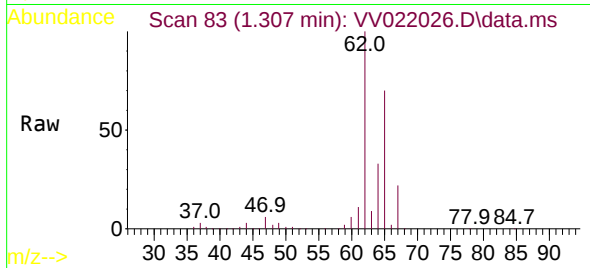




#5
 Vinyl chloride
 Concen: 46.804 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022026.D
 Acq: 31 Aug 2021 00:43

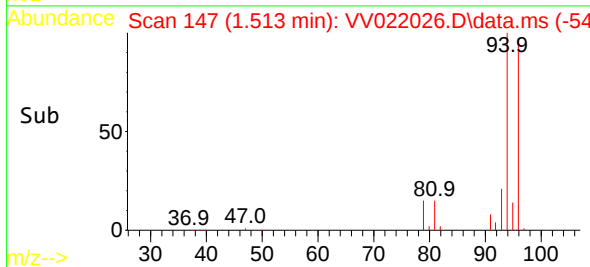
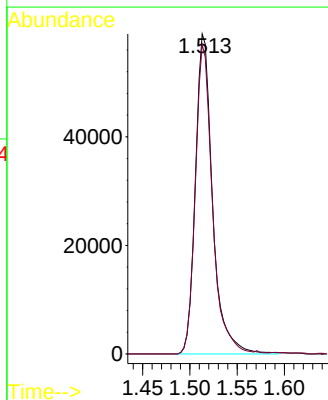
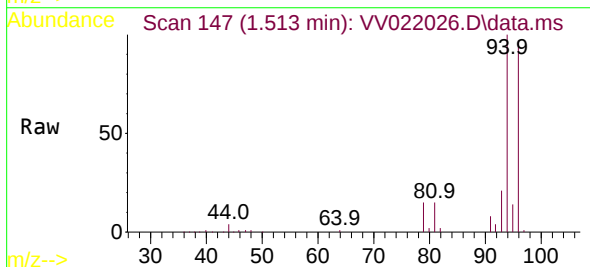
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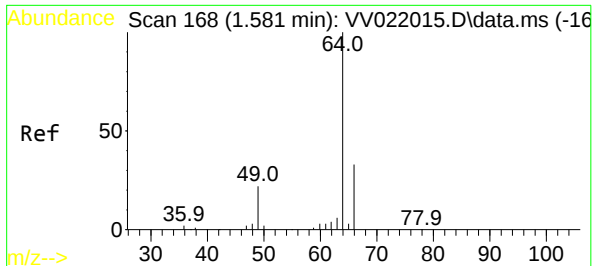
Tgt Ion: 62 Resp: 126471
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 45.884 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV022026.D
 Acq: 31 Aug 2021 00:43

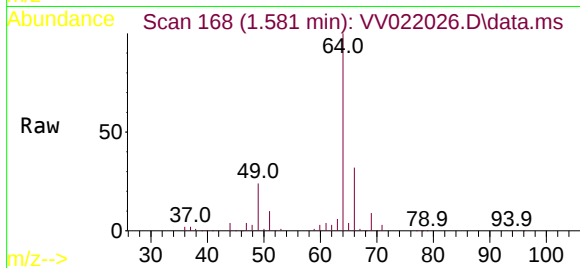
Tgt Ion: 94 Resp: 74542
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.8 122.2



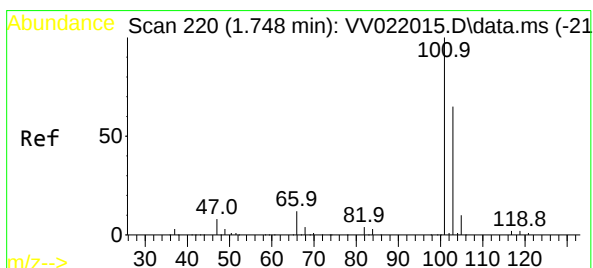
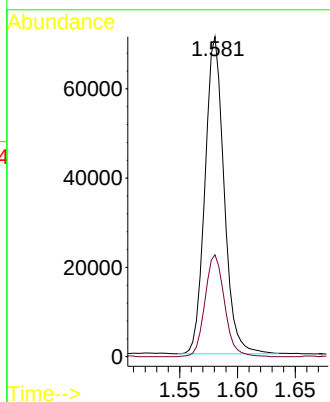
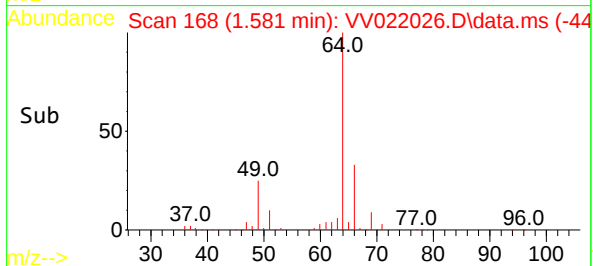


#8
Chloroethane
Concen: 48.350 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

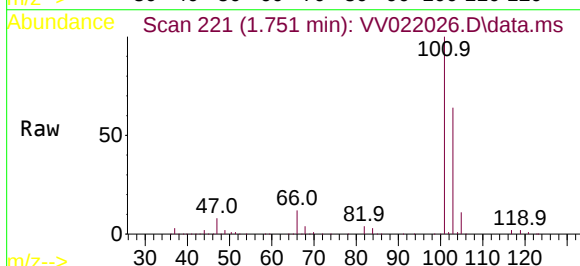
Instrument :
MSVOA_V
ClientSampled :



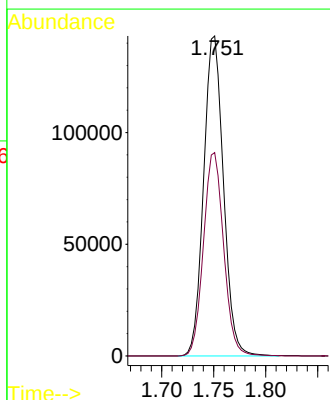
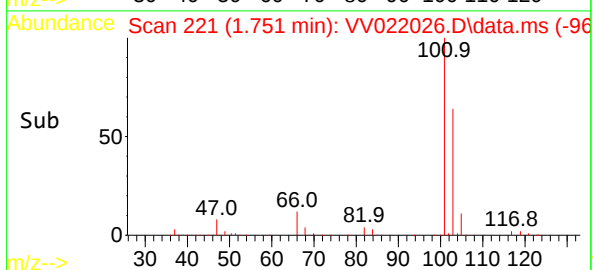
Tgt Ion: 64 Resp: 81729
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3

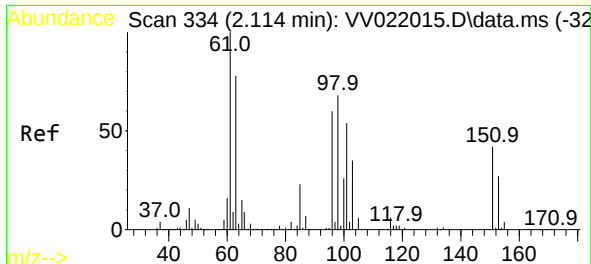


#9
Trichlorofluoromethane
Concen: 49.319 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43



Tgt Ion:101 Resp: 189777
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

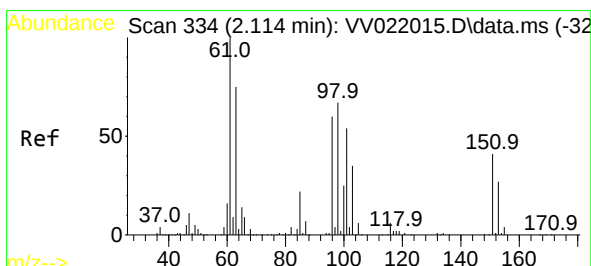
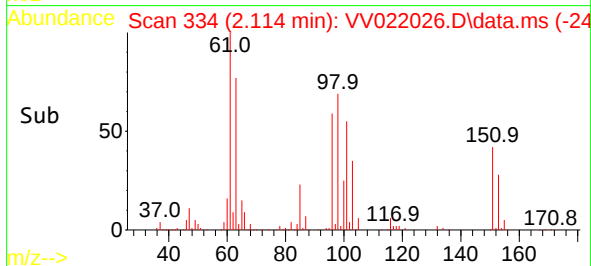
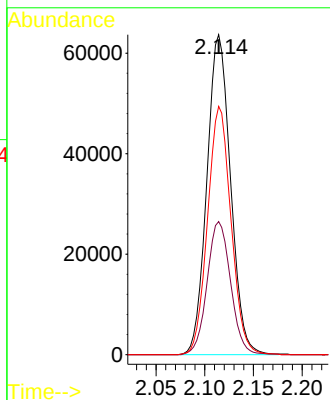
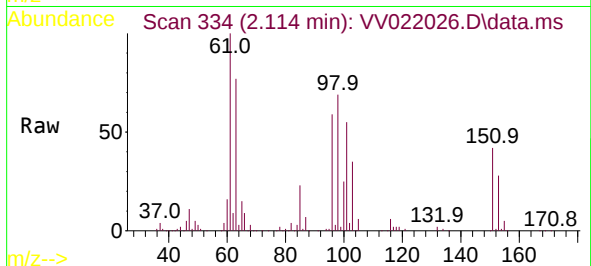




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.707 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

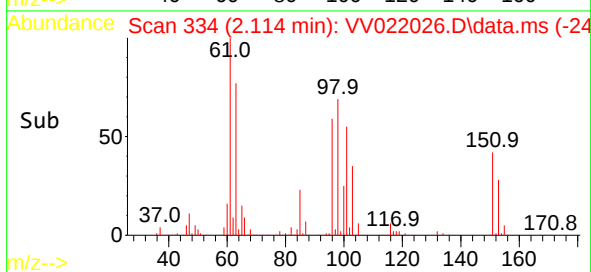
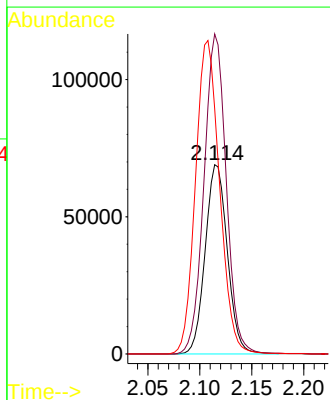
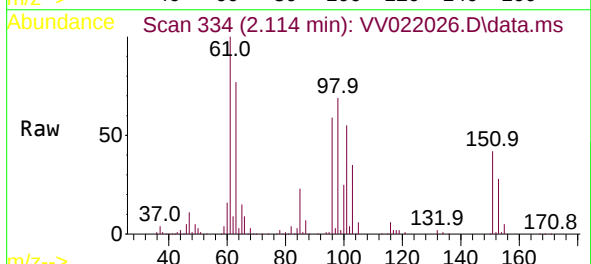
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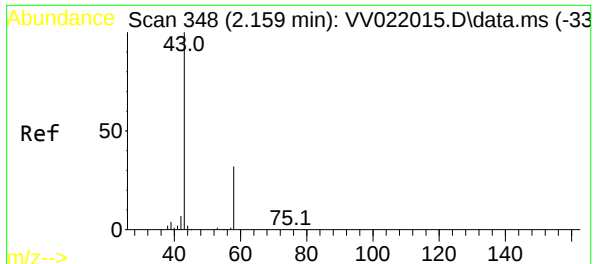
Tgt Ion:101 Resp: 107672
Ion Ratio Lower Upper
101 100
85 41.3 33.4 50.0
151 76.9 61.7 92.5



#12
1,1-Dichloroethene
Concen: 48.127 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 96 Resp: 102249
Ion Ratio Lower Upper
96 100
61 169.1 113.2 210.2
63 129.6 102.3 189.9

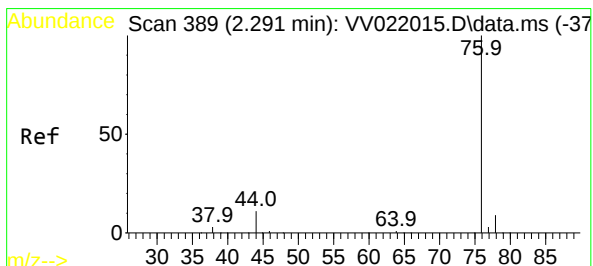
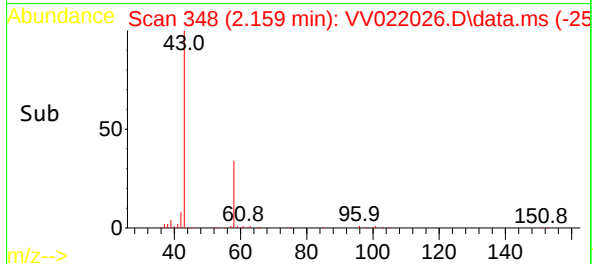
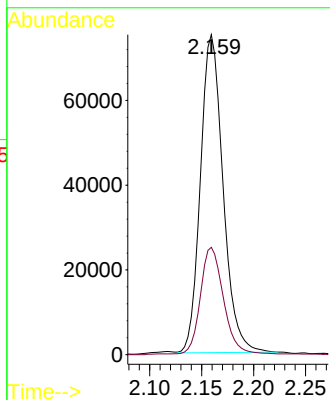
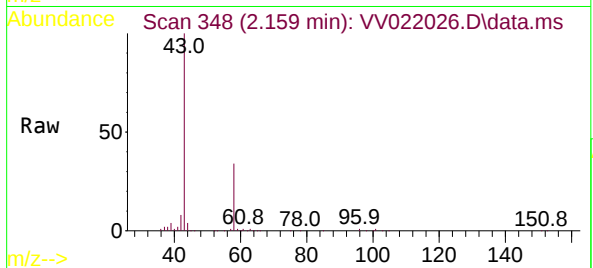




#13
Acetone
Concen: 77.648 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

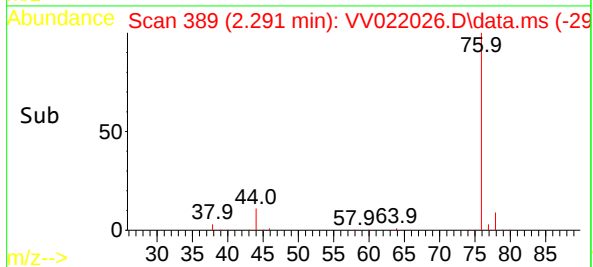
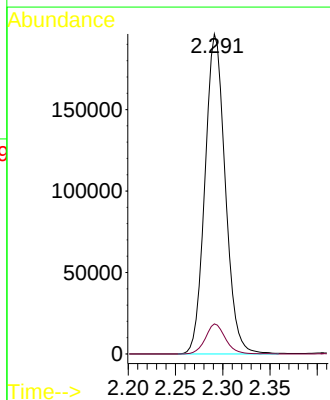
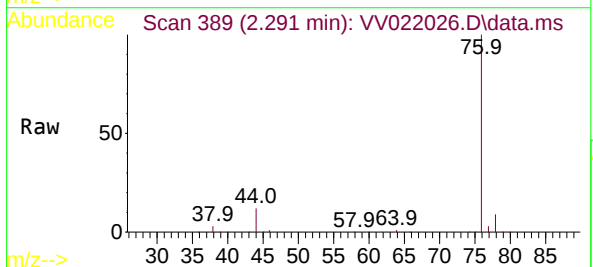
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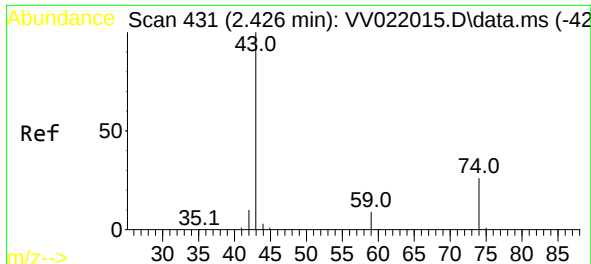
Tgt Ion: 43 Resp: 113809
Ion Ratio Lower Upper
43 100
58 34.1 0.0 0.4#



#14
Carbon disulfide
Concen: 45.779 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 76 Resp: 293473
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

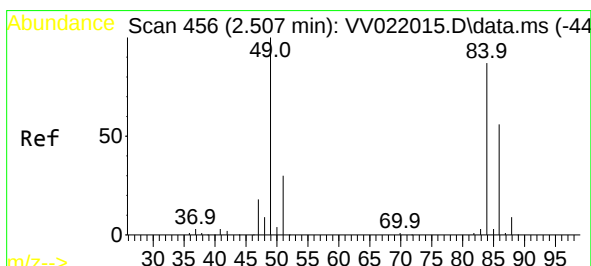
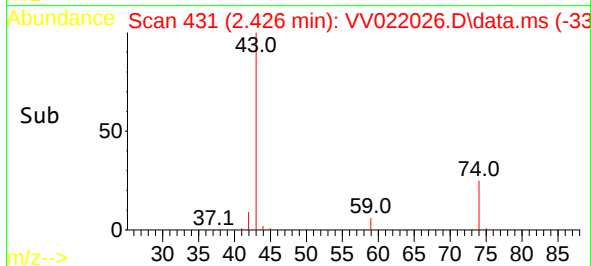
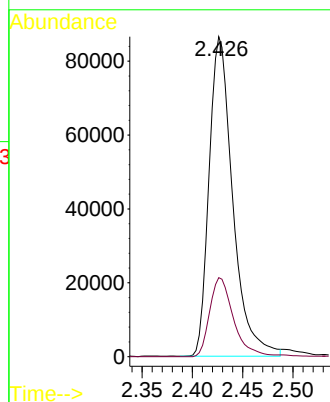
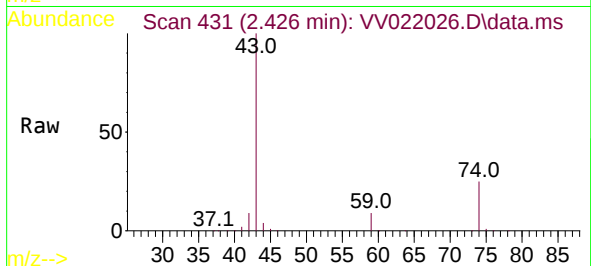




#15
Methyl Acetate
Concen: 49.648 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

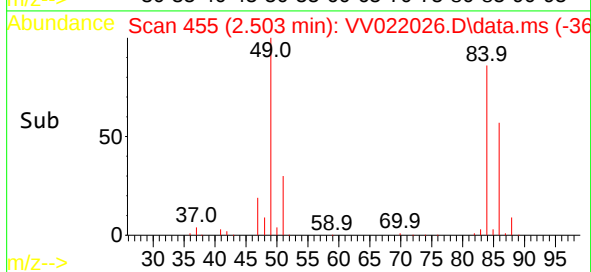
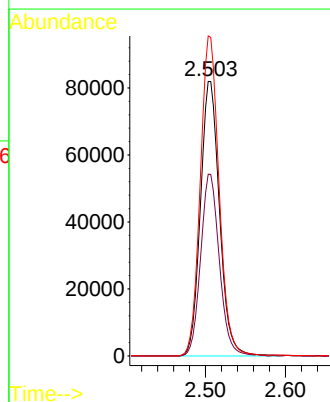
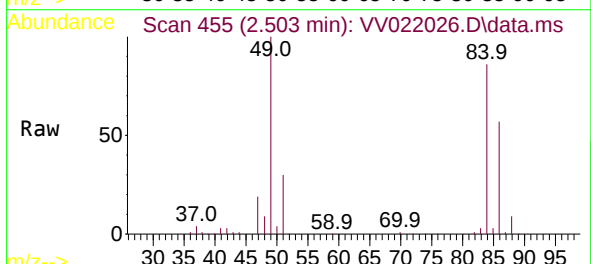
Instrument :
MSVOA_V
ClientSampled :

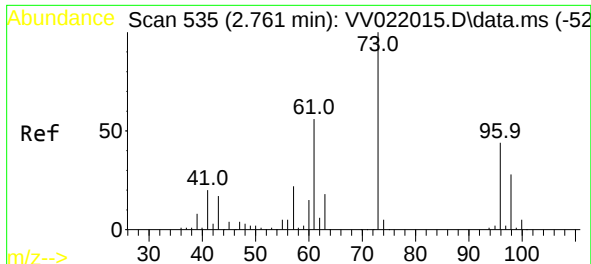
Tgt Ion: 43 Resp: 141712
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2



#16
Methylene chloride
Concen: 47.753 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 84 Resp: 135927
Ion Ratio Lower Upper
84 100
86 66.2 44.8 83.2
49 116.5 80.2 149.0

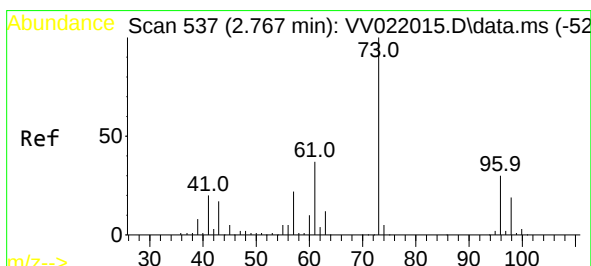
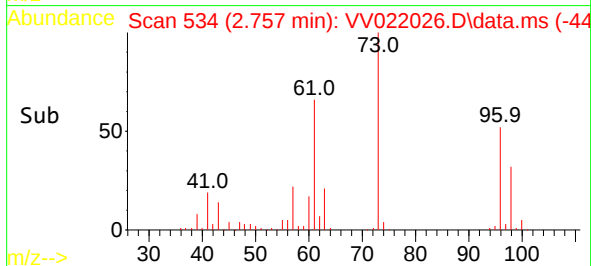
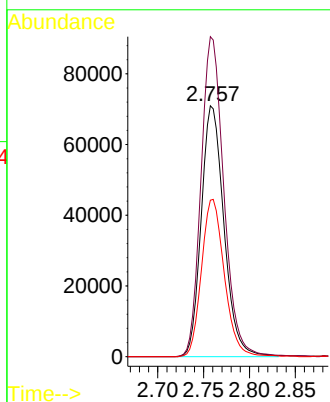
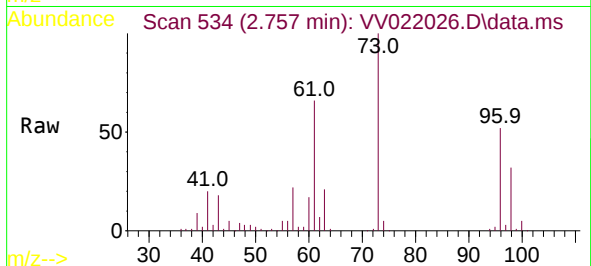




#17
trans-1,2-Dichloroethene
Concen: 47.696 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

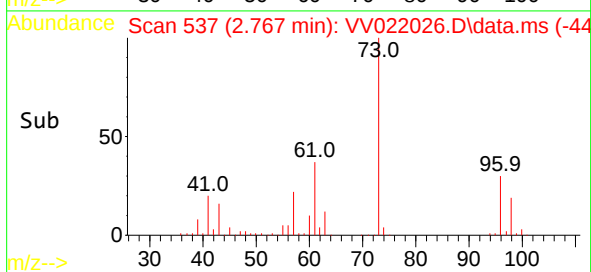
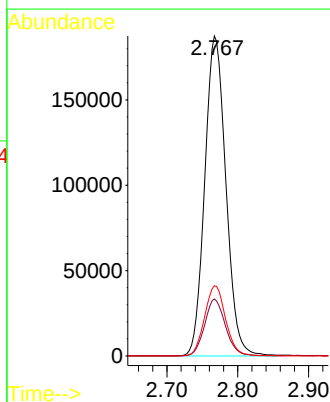
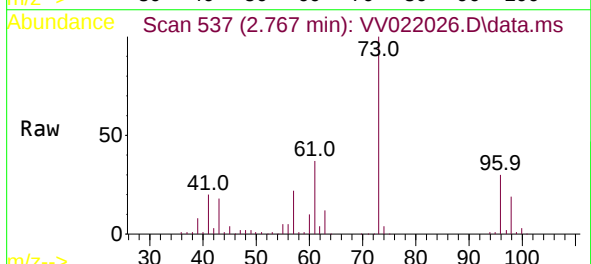
Instrument :
MSVOA_V
ClientSampleId :

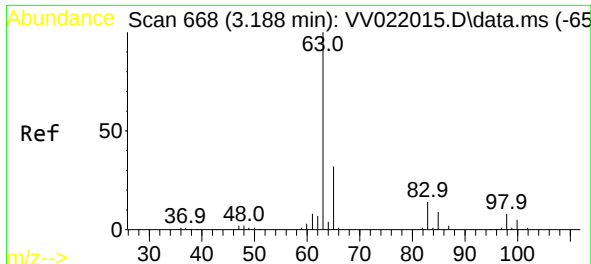
Tgt Ion: 96 Resp: 122521
Ion Ratio Lower Upper
96 100
61 127.6 89.1 165.5
98 62.4 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 47.572 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 73 Resp: 388331
Ion Ratio Lower Upper
73 100
43 17.3 13.8 20.6
57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.307 ug/L

RT: 3.188 min Scan# 668

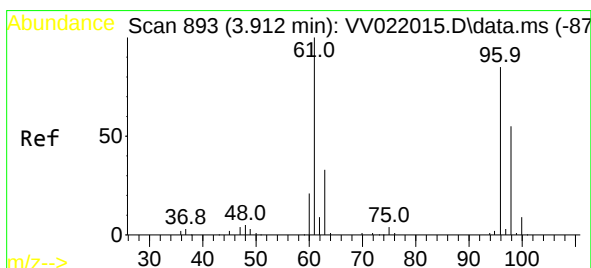
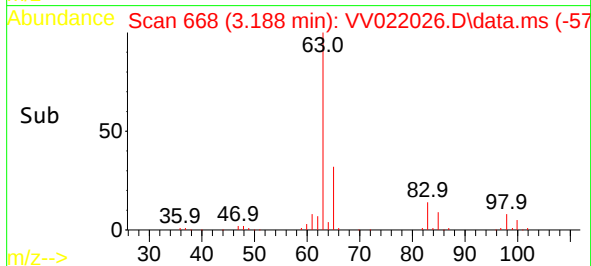
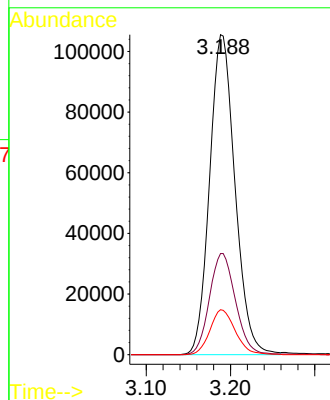
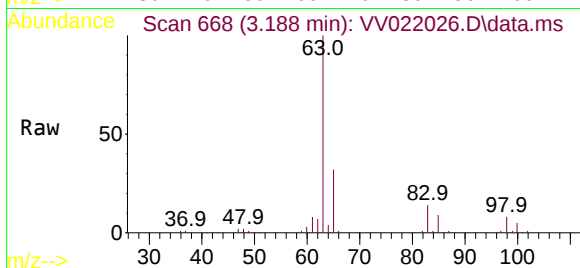
Delta R.T. -0.000 min

Lab File: VV022026.D

Acq: 31 Aug 2021 00:43

Tgt Ion: 63 Resp: 221013

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.2	41.2
83	14.1	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 48.234 ug/L

RT: 3.912 min Scan# 893

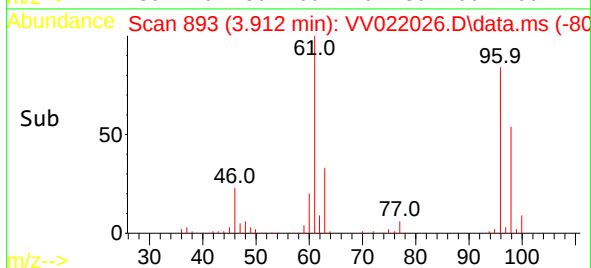
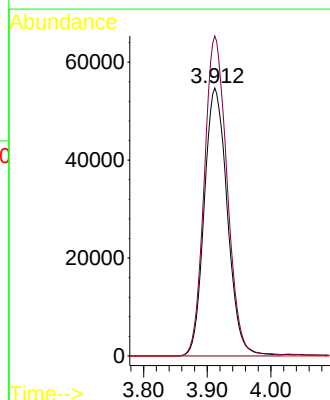
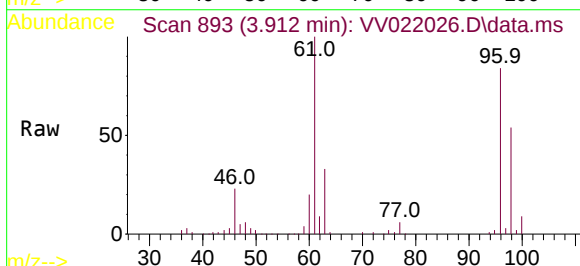
Delta R.T. -0.000 min

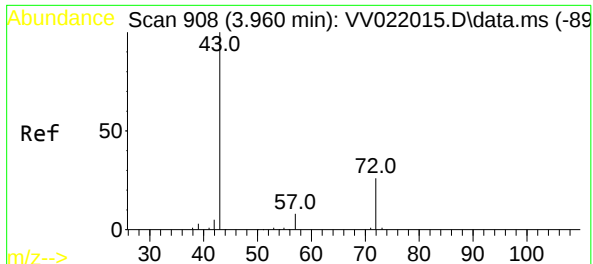
Lab File: VV022026.D

Acq: 31 Aug 2021 00:43

Tgt Ion: 96 Resp: 137905

Ion	Ratio	Lower	Upper
96	100		
61	119.4	81.8	152.0
68	0.0	0.0	0.0

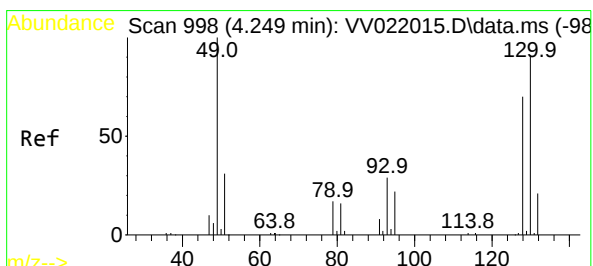
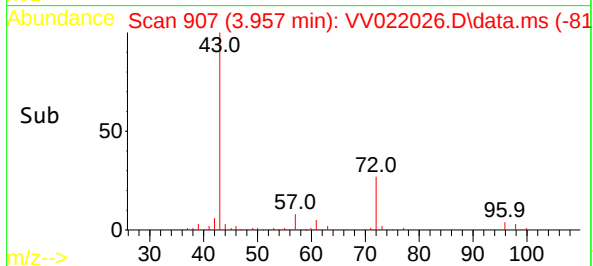
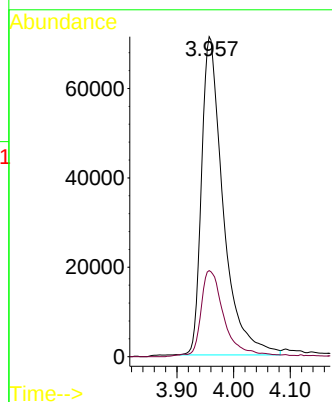
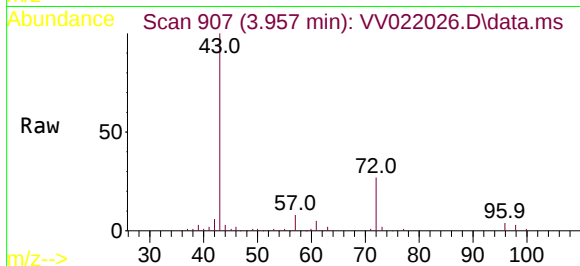




#22
2-Butanone
Concen: 91.761 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

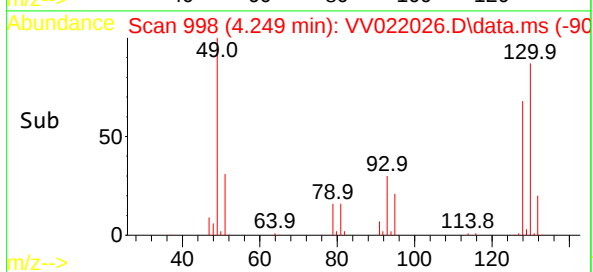
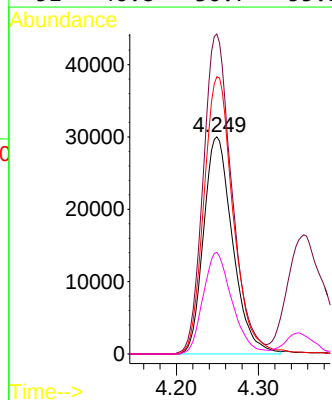
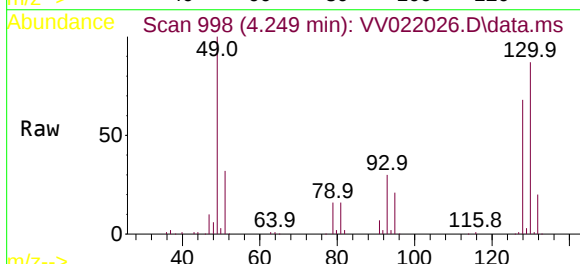
Instrument :
MSVOA_V
ClientSampled :

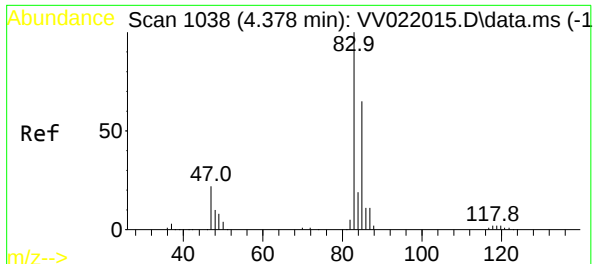
Tgt Ion: 43 Resp: 189052
Ion Ratio Lower Upper
43 100
72 26.6 13.3 39.8



#23
Bromochloromethane
Concen: 48.396 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 128 Resp: 73688
Ion Ratio Lower Upper
128 100
49 147.4 101.6 188.8
130 127.8 88.5 164.3
51 46.8 36.7 55.1



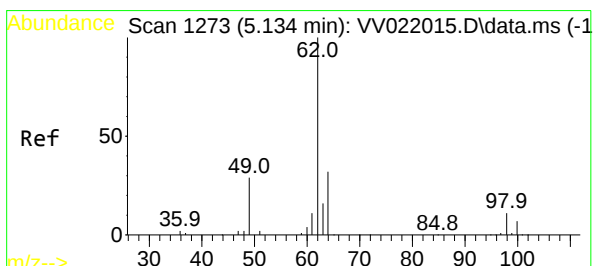
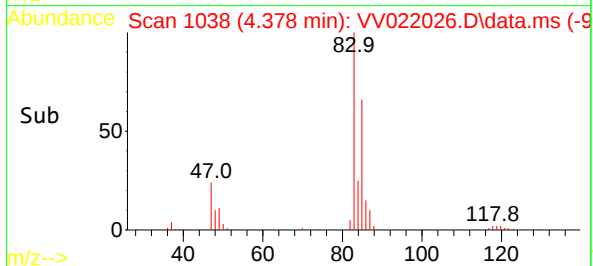
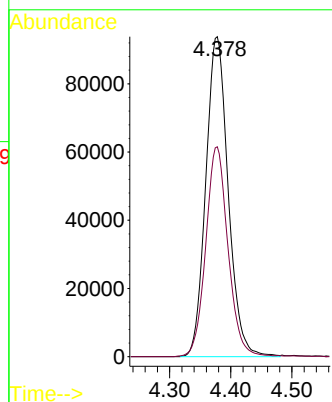
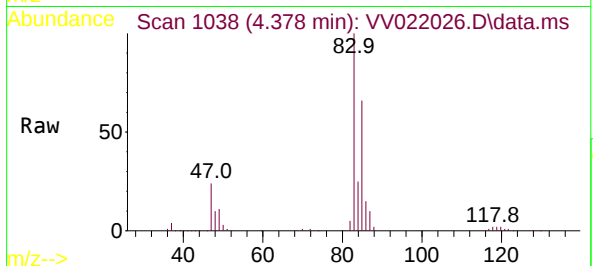


#25

Chloroform
Concen: 49.335 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Instrument :
MSVOA_V
ClientSampled :

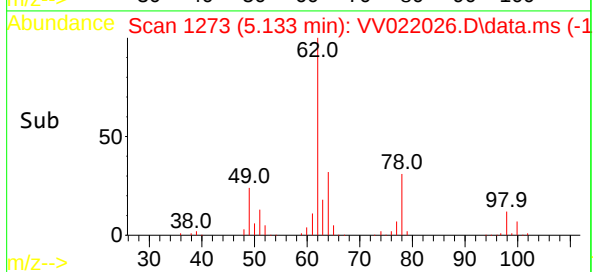
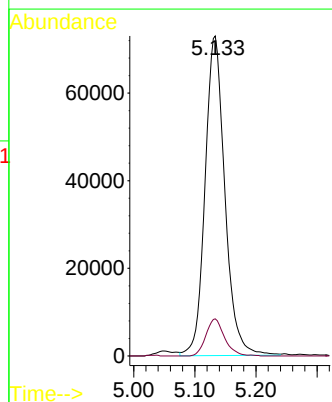
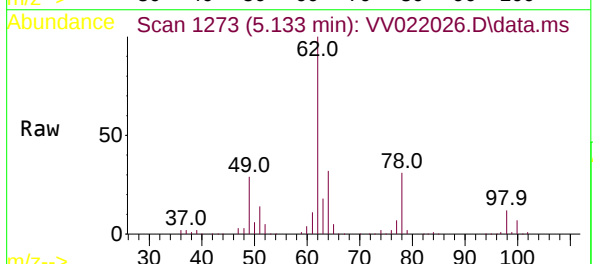
Tgt Ion: 83 Resp: 238936
Ion Ratio Lower Upper
83 100
85 65.6 46.3 85.9

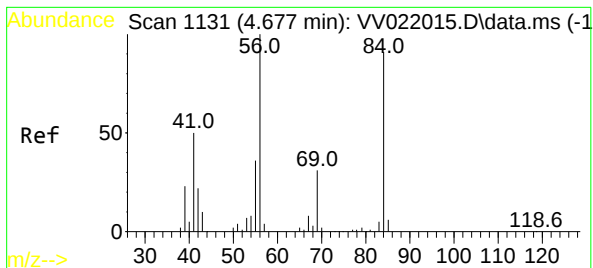


#27

1,2-Dichloroethane
Concen: 50.661 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 62 Resp: 164471
Ion Ratio Lower Upper
62 100
98 11.6 8.5 12.7

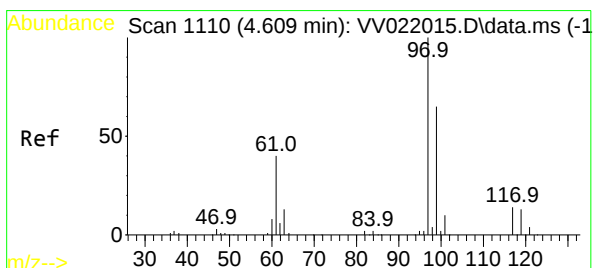
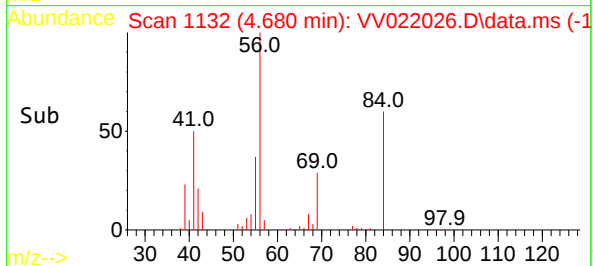
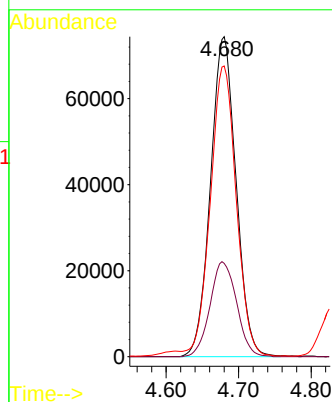
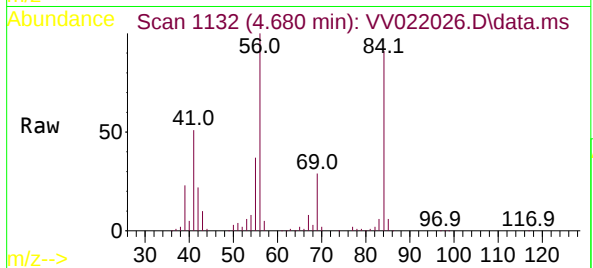




#29
Cyclohexane
Concen: 45.536 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

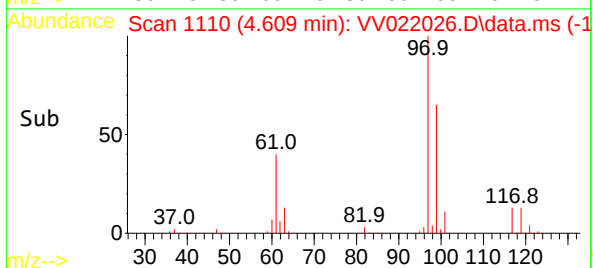
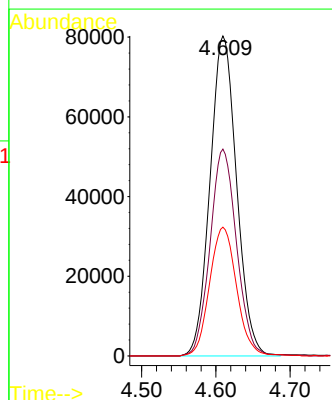
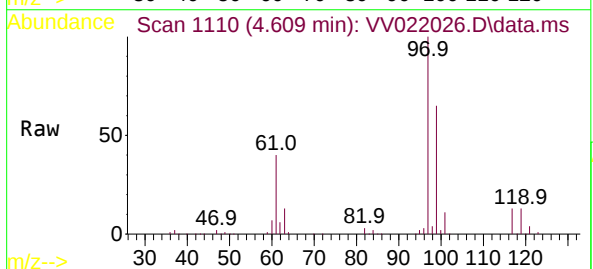
Instrument :
MSVOA_V
ClientSampled :

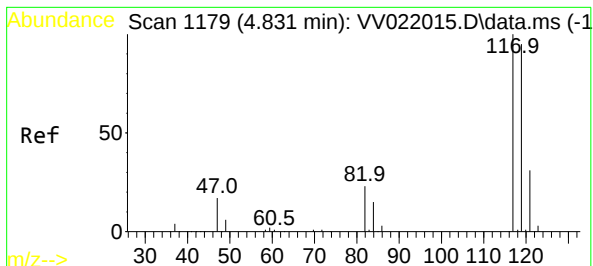
Tgt Ion: 56 Resp: 182037
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 91.6 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 47.024 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 97 Resp: 199868
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 40.7 31.8 47.8

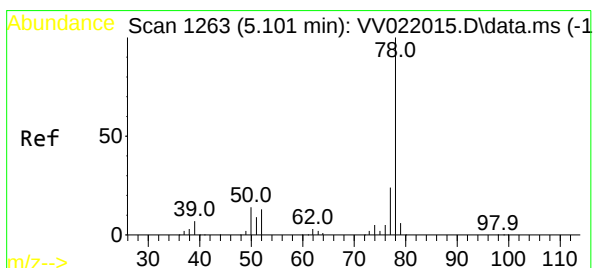
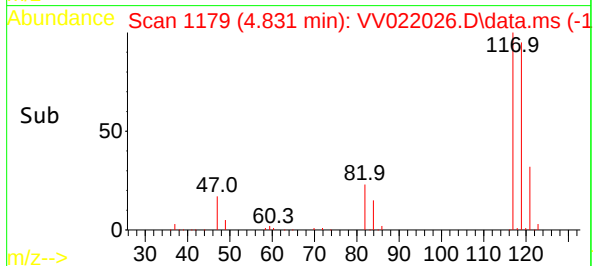
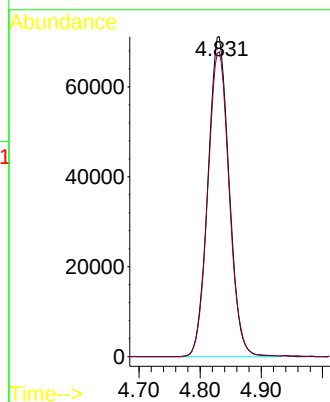
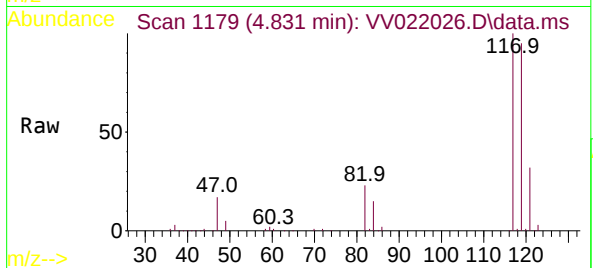




#31
Carbon tetrachloride
Concen: 46.845 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

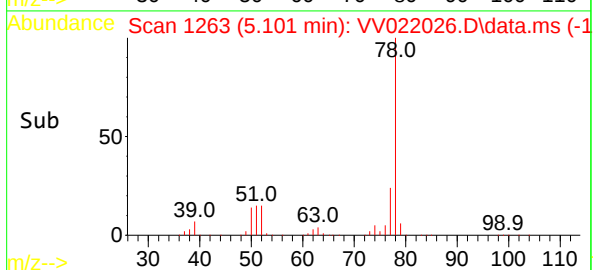
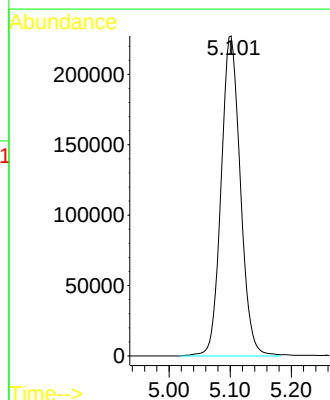
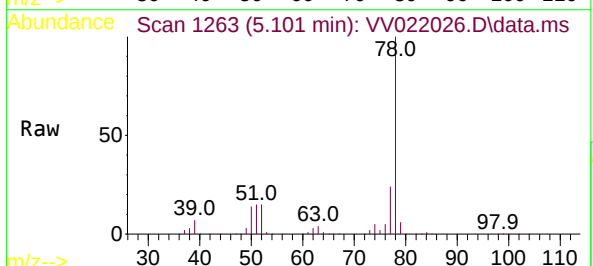
Instrument :
MSVOA_V
ClientSampled :

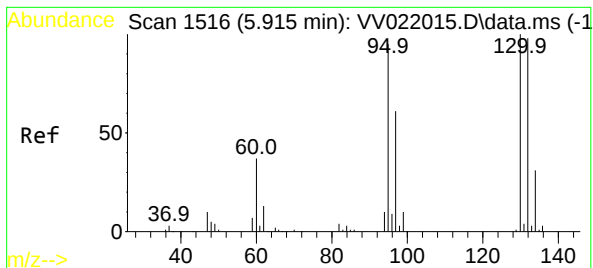
Tgt Ion:117 Resp: 171063
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 47.869 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 78 Resp: 498059

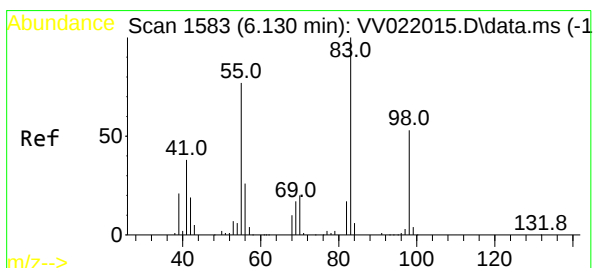
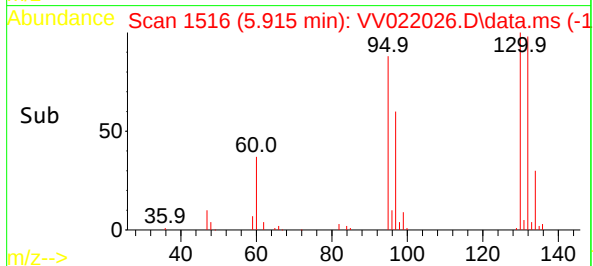
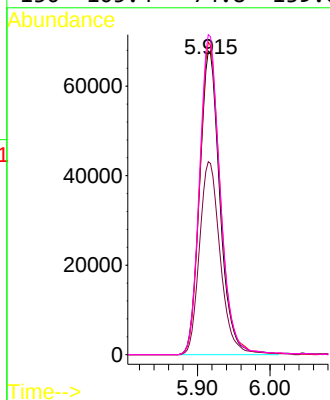
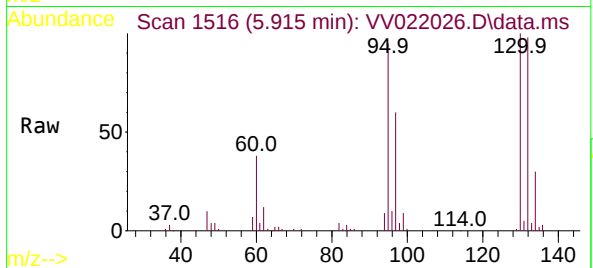




#34
Trichloroethene
Concen: 44.908 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

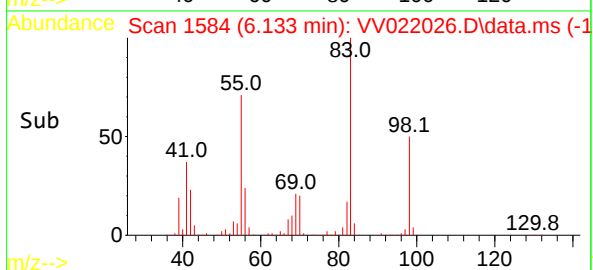
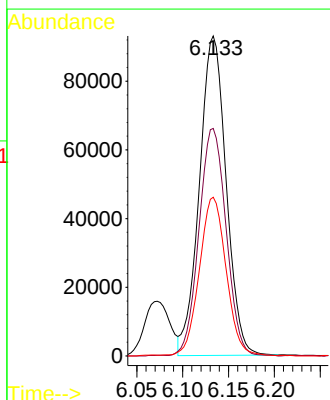
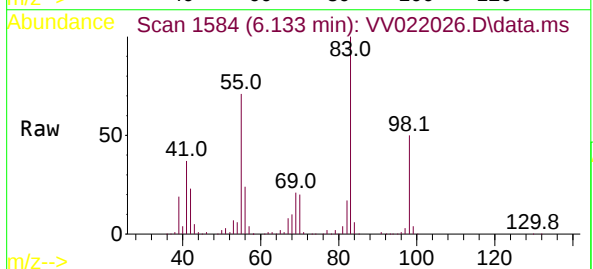
Instrument :
MSVOA_V
ClientSampled :

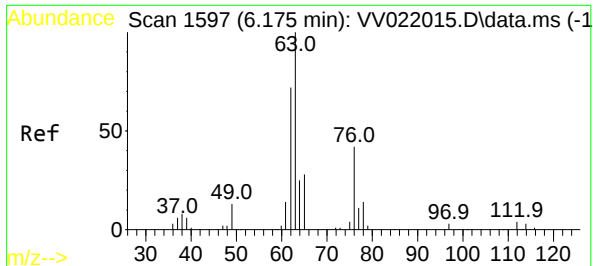
Tgt Ion: 95 Resp: 132353
Ion Ratio Lower Upper
95 100
97 63.5 44.1 81.9
132 102.9 70.7 131.3
130 105.4 74.8 139.0



#35
Methylcyclohexane
Concen: 43.799 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 83 Resp: 188707
Ion Ratio Lower Upper
83 100
55 72.4 56.8 85.2
98 49.9 39.9 59.9

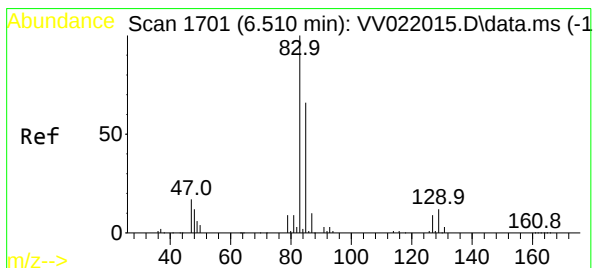
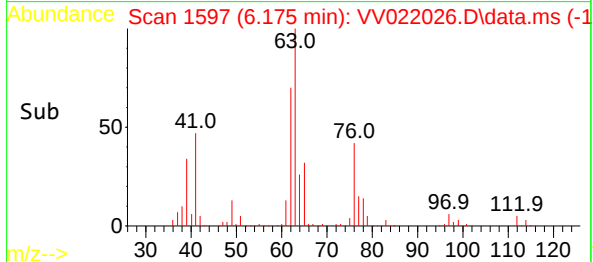
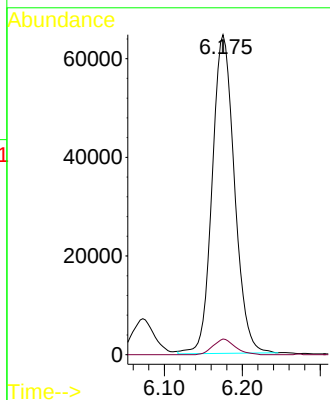
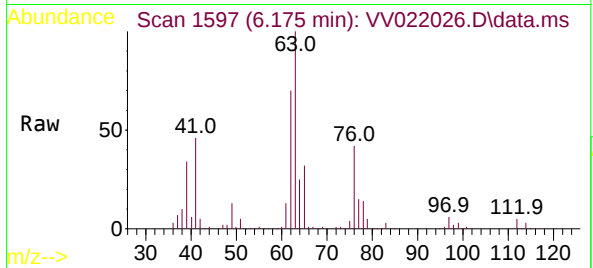




#37
1,2-Dichloropropane
Concen: 47.628 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

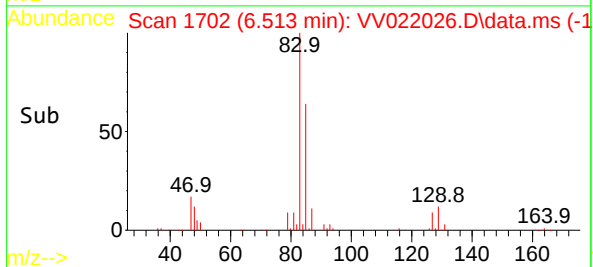
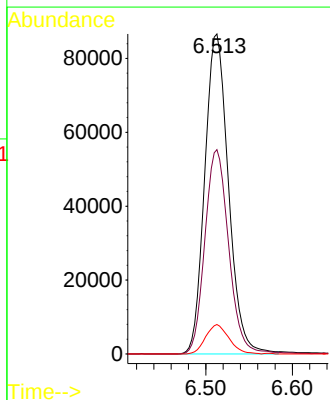
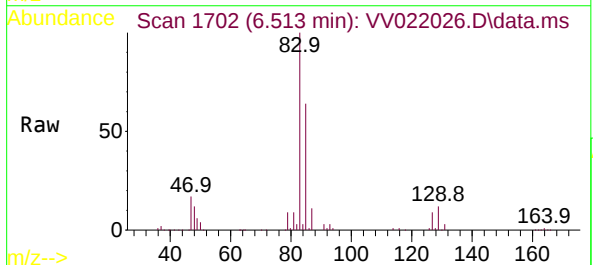
Instrument :
MSVOA_V
ClientSampled :

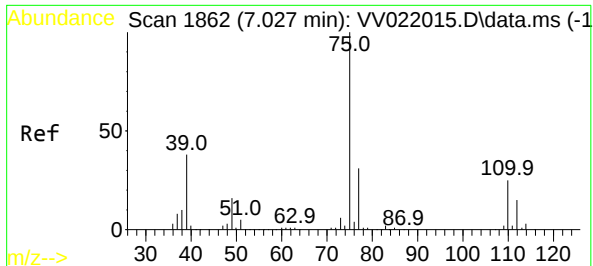
Tgt Ion: 63 Resp: 128455
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 47.768 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 83 Resp: 164758
Ion Ratio Lower Upper
83 100
85 63.9 44.8 83.2
127 9.2 7.3 10.9

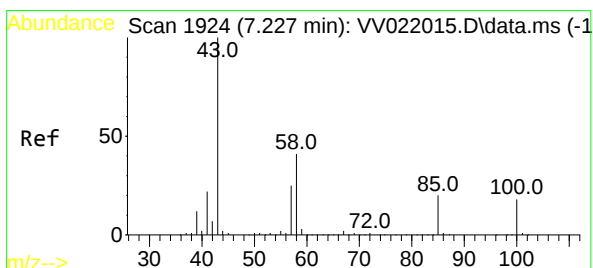
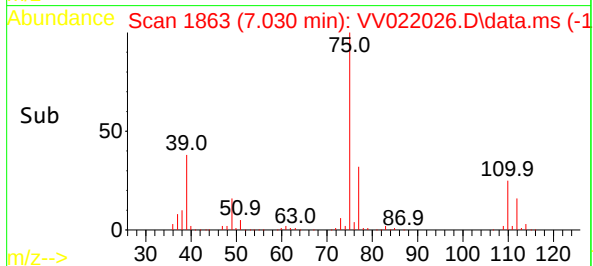
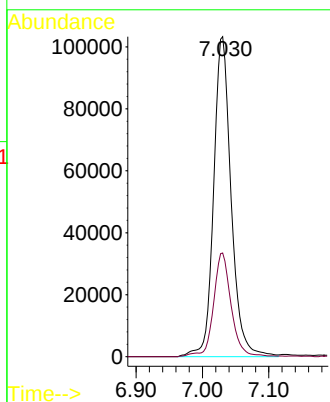
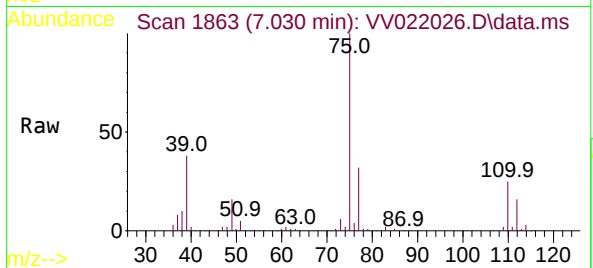




#39
 cis-1,3-Dichloropropene
 Concen: 45.561 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022026.D
 Acq: 31 Aug 2021 00:43

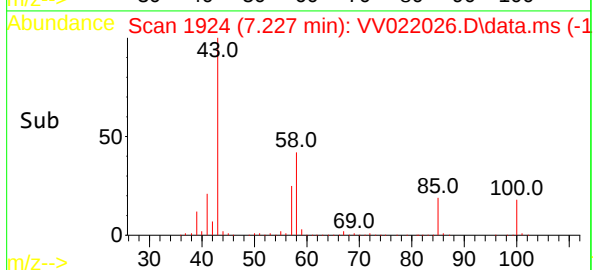
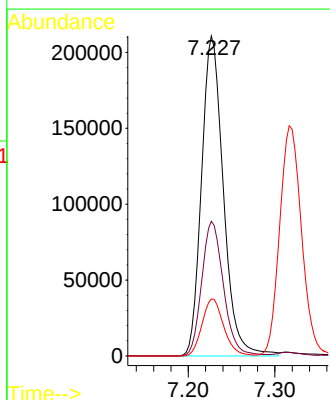
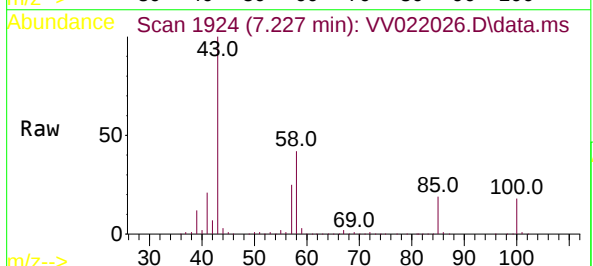
Instrument :
 MSVOA_V
 ClientSampled :

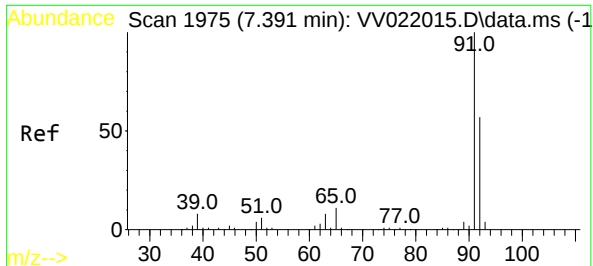
Tgt Ion: 75 Resp: 189720
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 101.243 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022026.D
 Acq: 31 Aug 2021 00:43

Tgt Ion: 43 Resp: 370187
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.3 49.9
 100 17.6 14.5 21.7

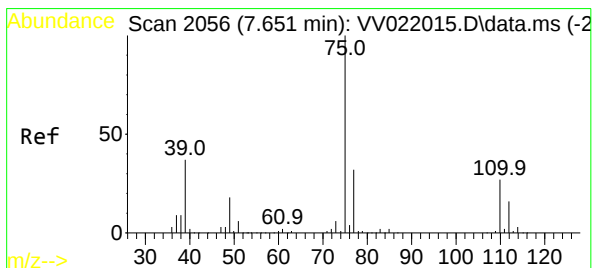
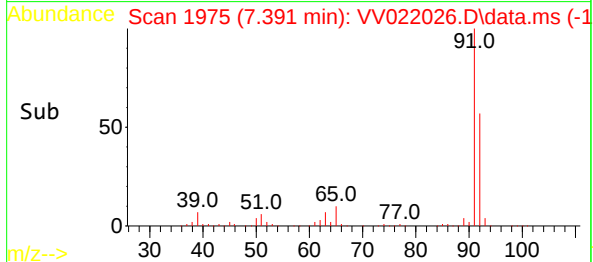
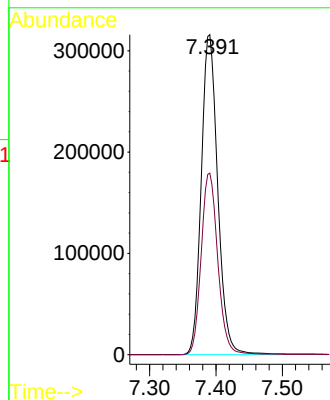
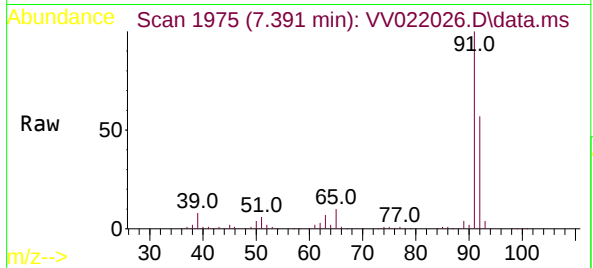




#42
Toluene
Concen: 48.509 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

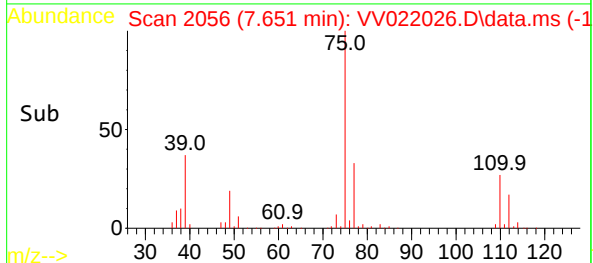
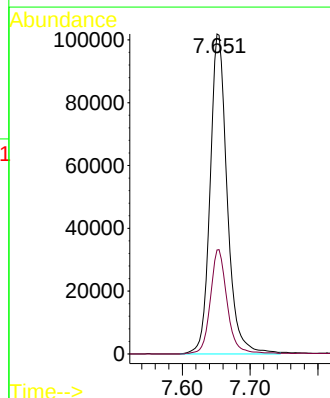
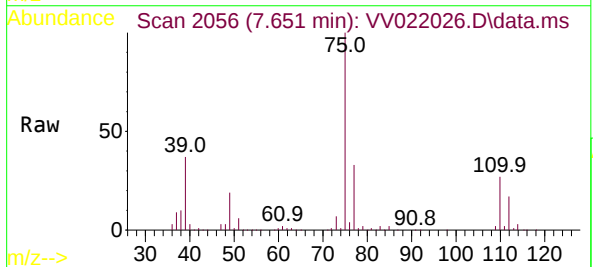
Instrument :
MSVOA_V
ClientSampled :

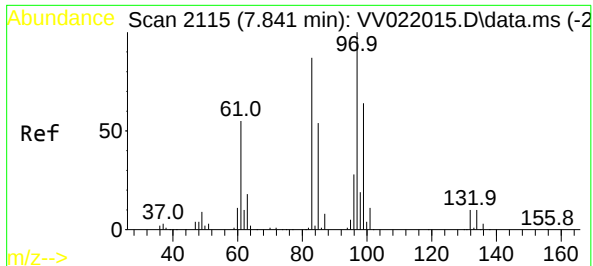
Tgt Ion: 91 Resp: 544737
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 46.128 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 75 Resp: 178770
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6





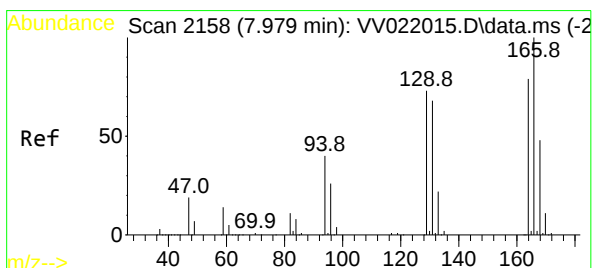
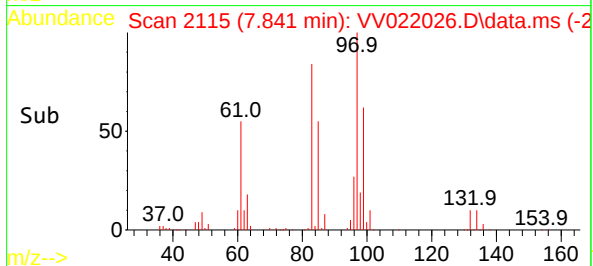
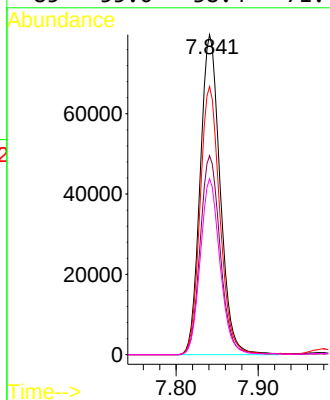
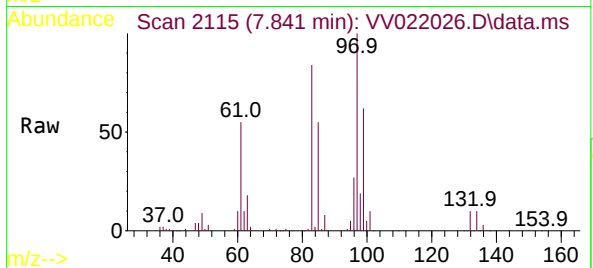
#45

1,1,2-Trichloroethane
Concen: 49.134 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 134837

Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	83.8	58.8	109.2
85	55.0	38.4	71.4

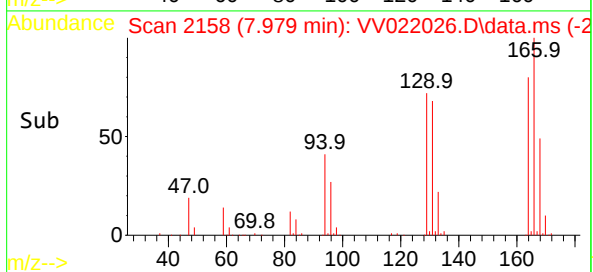
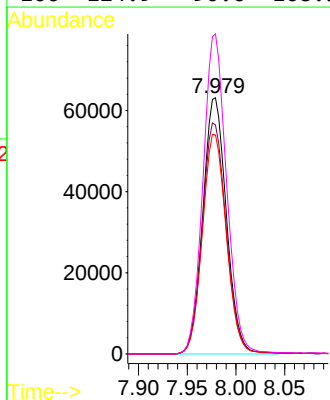
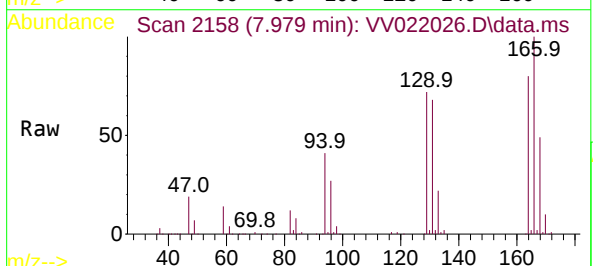


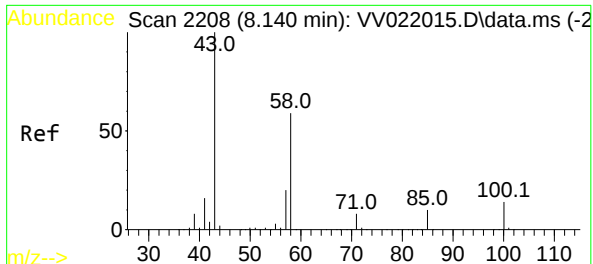
#46

Tetrachloroethene
Concen: 46.469 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 164 Resp: 106491

Ion	Ratio	Lower	Upper
164	100		
129	89.3	62.9	116.9
131	85.5	61.0	113.4
166	124.9	90.6	168.3



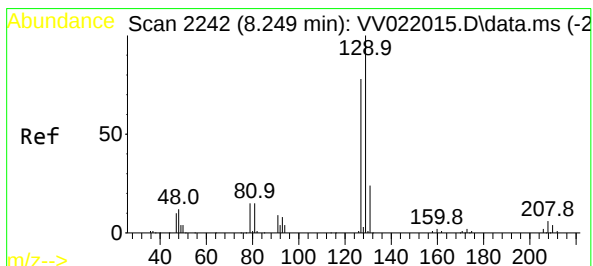
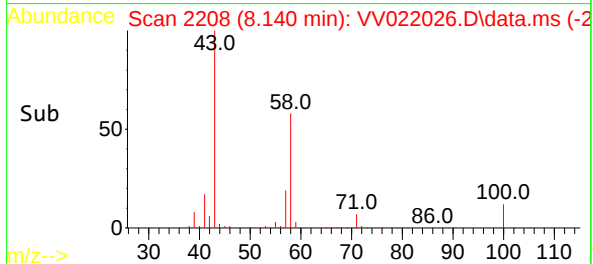
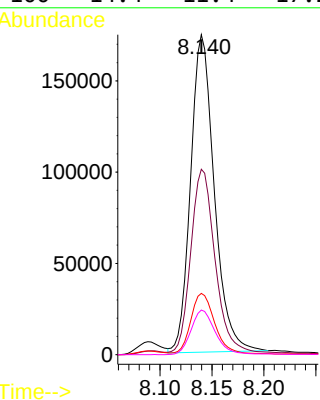
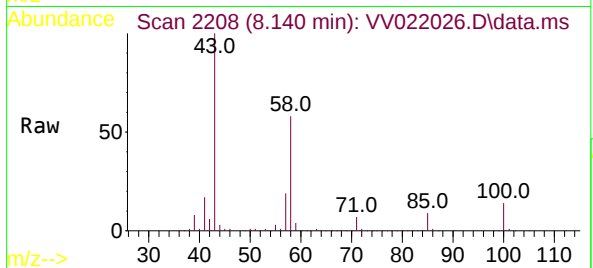


#48
2-Hexanone
Concen: 97.177 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 275691

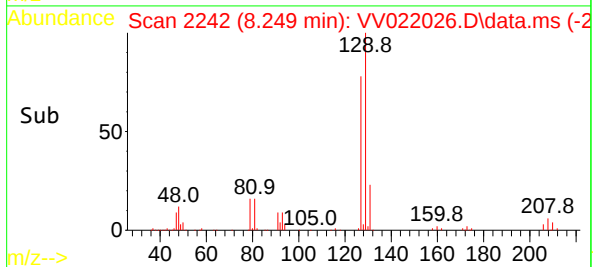
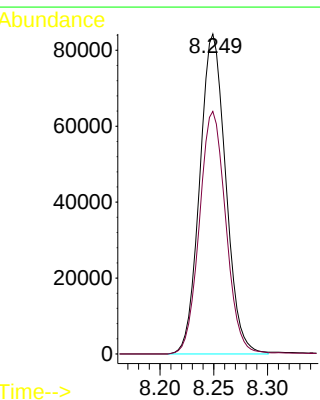
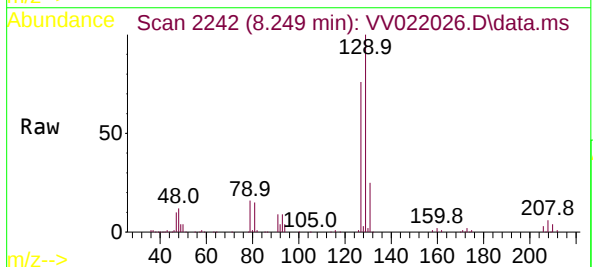
Ion	Ratio	Lower	Upper
43	100		
58	59.8	47.5	71.3
57	19.8	15.9	23.9
100	14.4	11.4	17.2

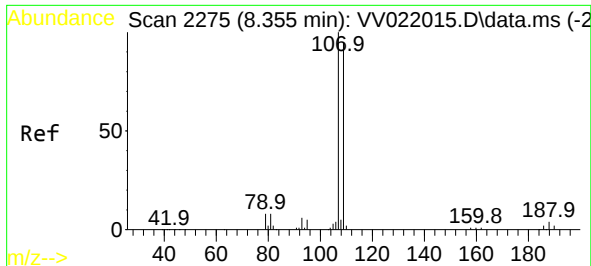


#49
Dibromochloromethane
Concen: 48.283 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 129 Resp: 141830

Ion	Ratio	Lower	Upper
129	100		
127	75.8	54.1	100.5

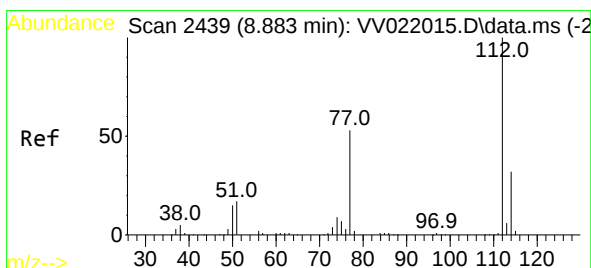
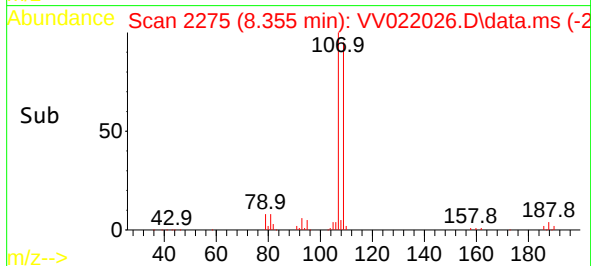
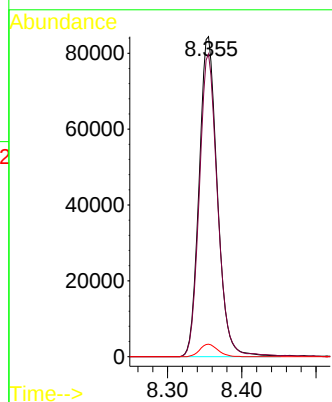
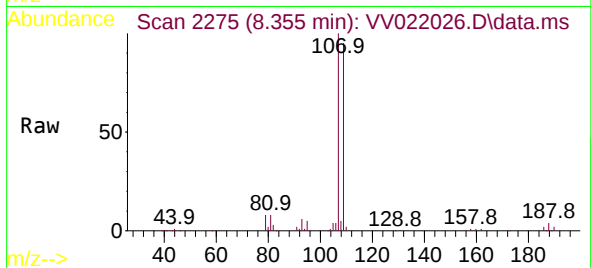




#50
1,2-Dibromoethane
Concen: 48.895 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

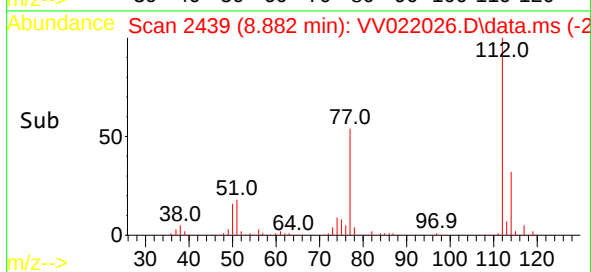
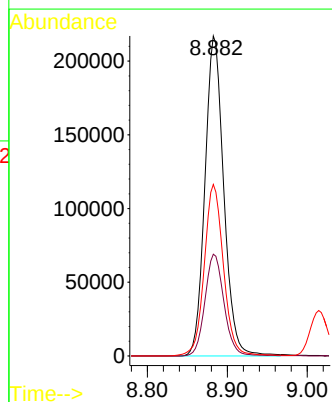
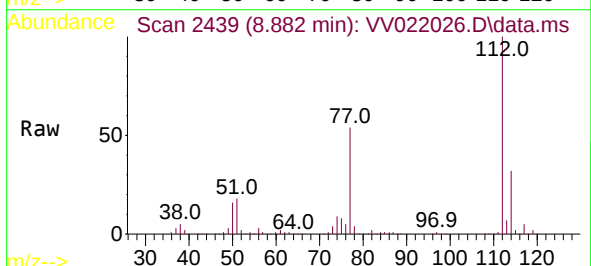
Instrument :
MSVOA_V
ClientSampled :

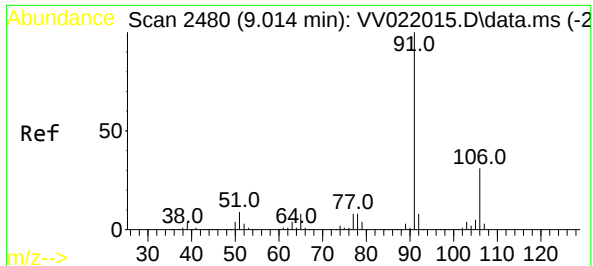
Tgt Ion:107 Resp: 144007
Ion Ratio Lower Upper
107 100
109 94.6 65.5 121.6
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 47.228 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion:112 Resp: 356577
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 53.6 43.2 64.8





#52

Ethylbenzene

Concen: 47.493 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV022026.D

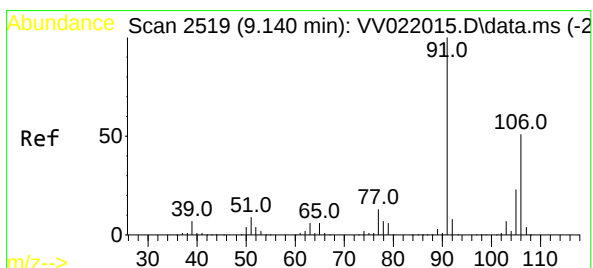
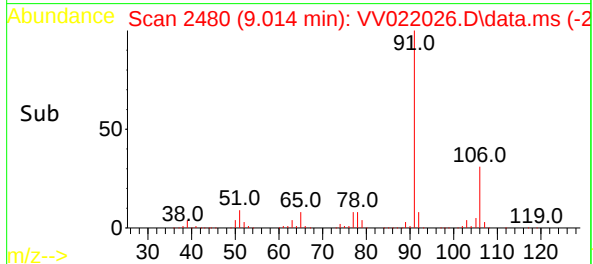
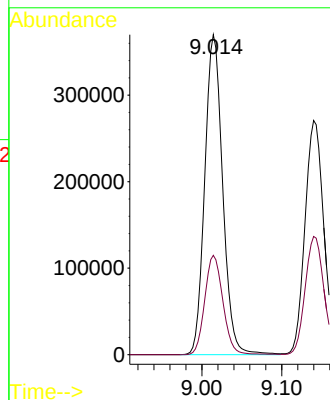
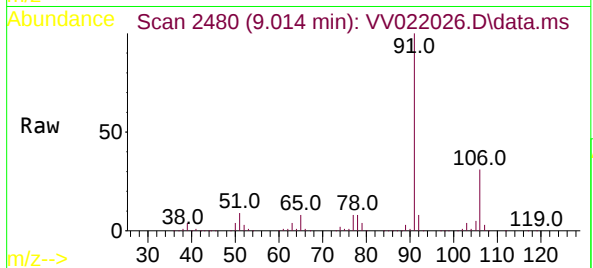
Acq: 31 Aug 2021 00:43

Tgt Ion: 91 Resp: 577331

Ion Ratio Lower Upper

91 100

106 31.1 21.7 40.3



#53

m,p-Xylene

Concen: 47.255 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV022026.D

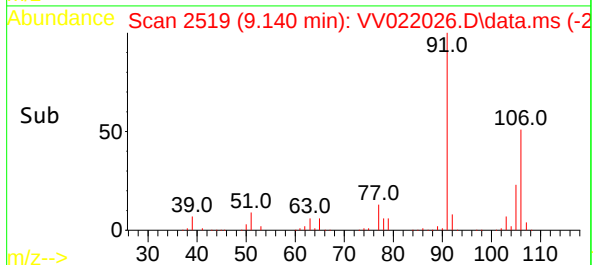
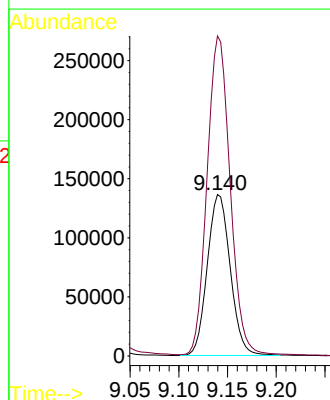
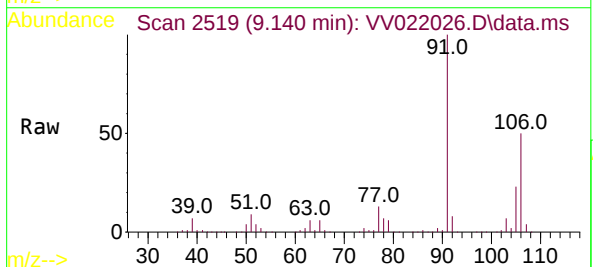
Acq: 31 Aug 2021 00:43

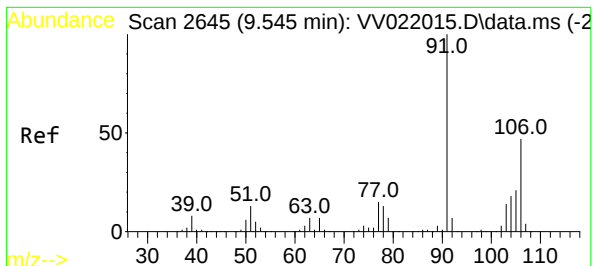
Tgt Ion: 106 Resp: 223275

Ion Ratio Lower Upper

106 100

91 198.1 139.1 258.3

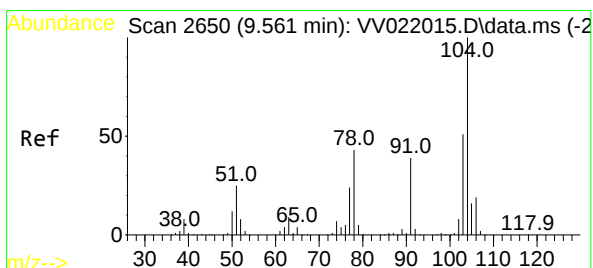
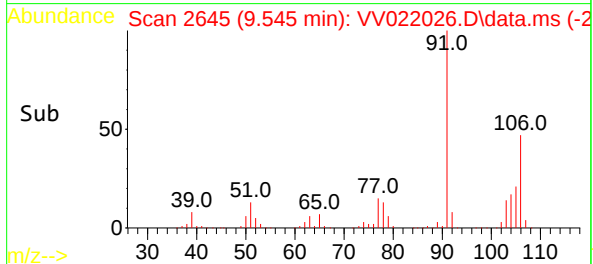
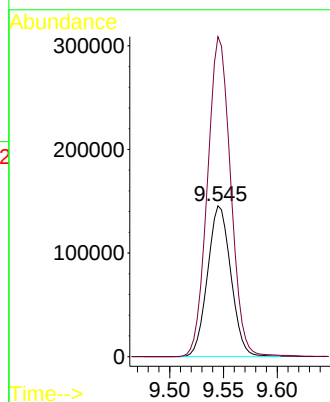
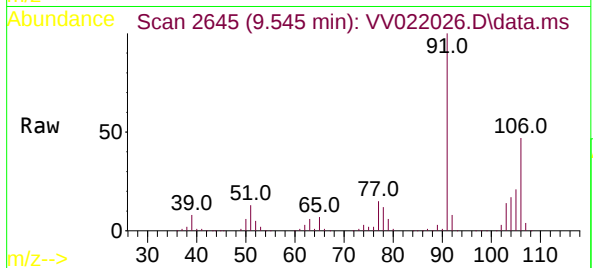




#54
o-Xylene
Concen: 47.011 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

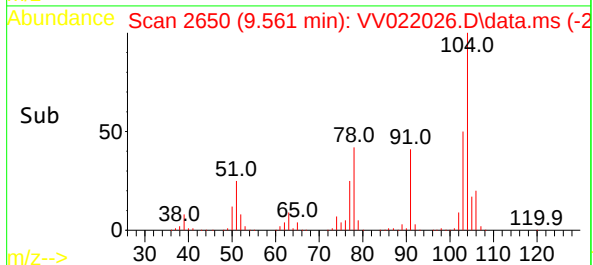
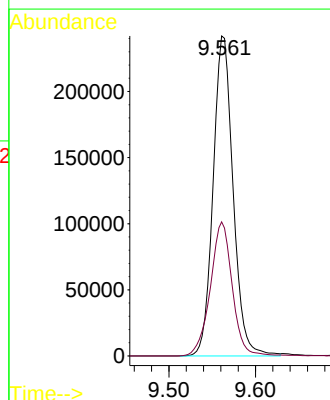
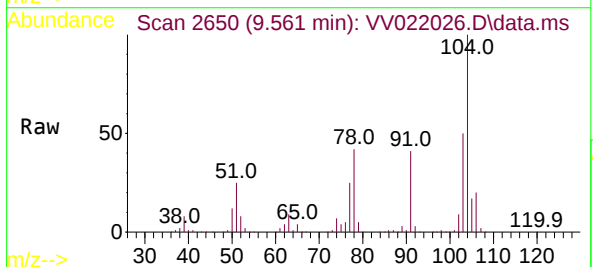
Instrument :
MSVOA_V
ClientSampled :

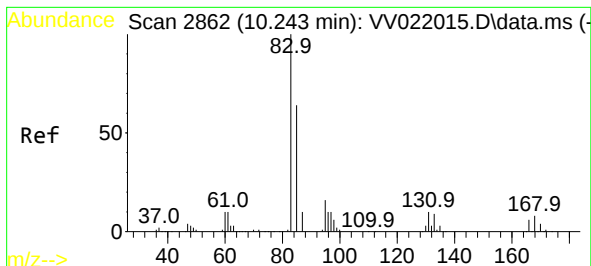
Tgt Ion:106 Resp: 219777
Ion Ratio Lower Upper
106 100
91 212.0 150.1 278.9



#55
Styrene
Concen: 48.691 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion:104 Resp: 388479
Ion Ratio Lower Upper
104 100
78 41.9 28.6 53.2

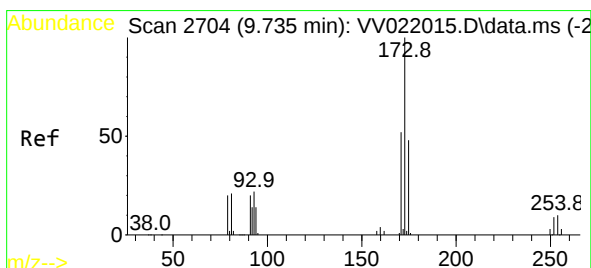
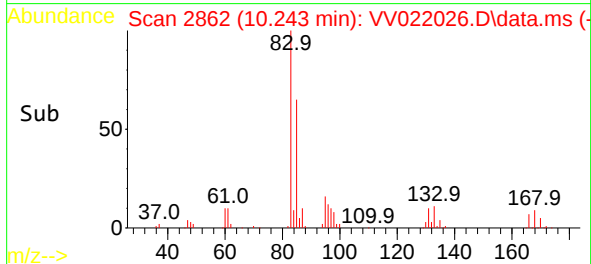
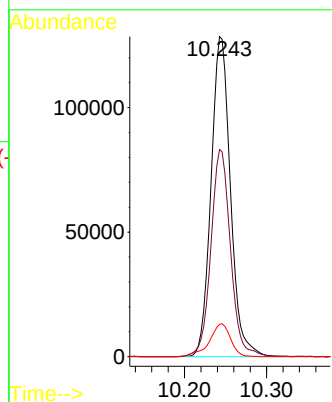
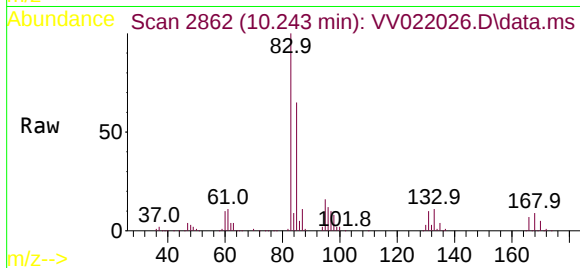




#57
1,1,2,2-Tetrachloroethane
Concen: 53.078 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

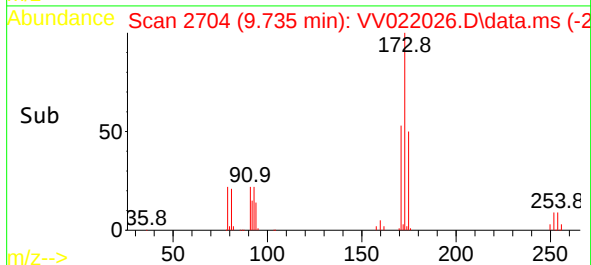
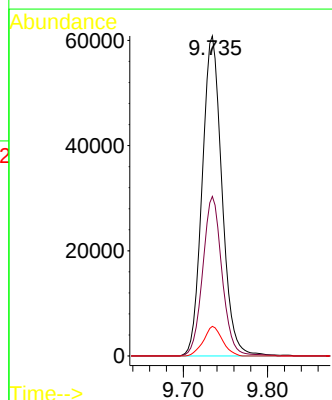
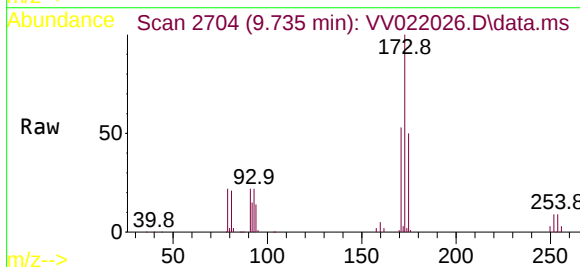
Instrument :
MSVOA_V
ClientSampled :

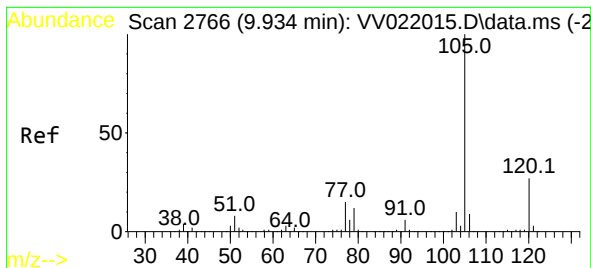
Tgt Ion: 83 Resp: 211043
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1
131 10.1 8.2 12.2



#59
Bromoform
Concen: 47.885 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 173 Resp: 99314
Ion Ratio Lower Upper
173 100
175 49.0 38.8 58.2
254 8.9 7.0 10.4

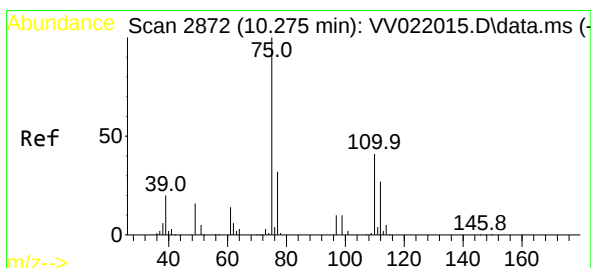
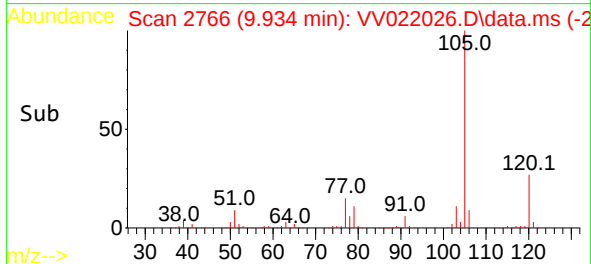
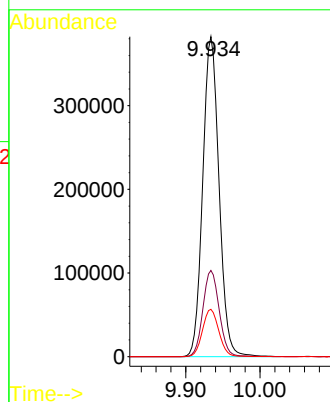
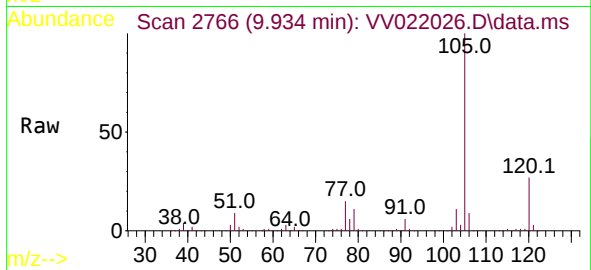




#60
Isopropylbenzene
Concen: 47.442 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

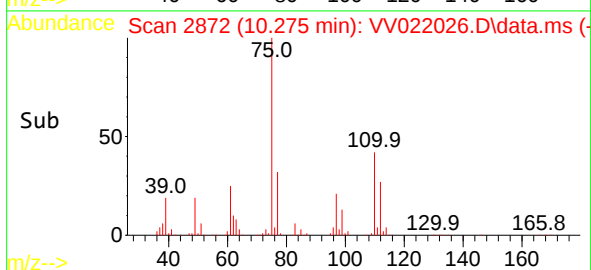
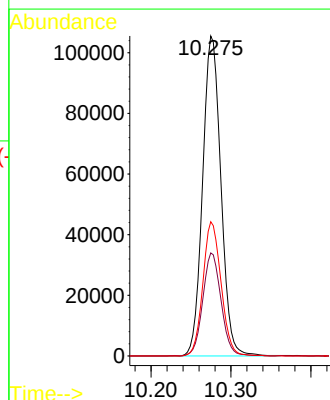
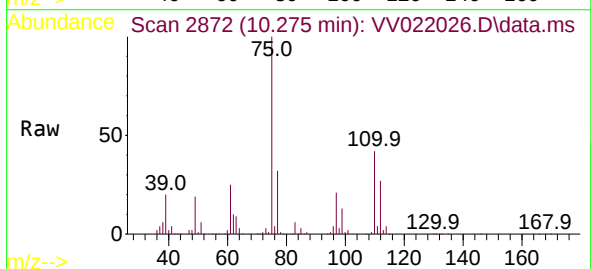
Instrument :
MSVOA_V
ClientSampled :

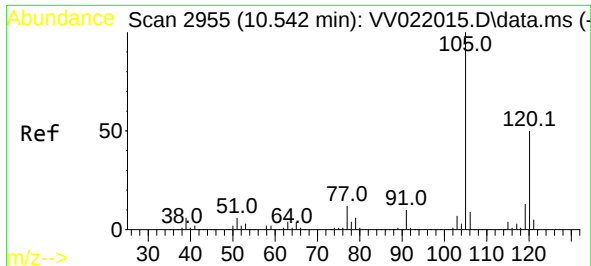
Tgt Ion:105 Resp: 582120
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 49.695 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 75 Resp: 168186
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 41.6 33.8 50.6

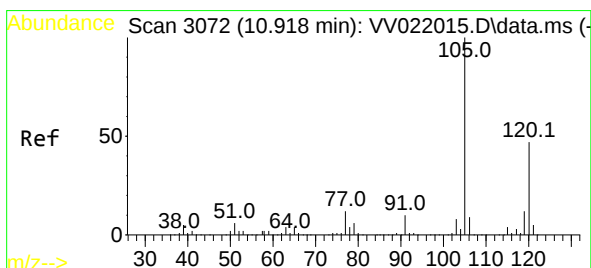
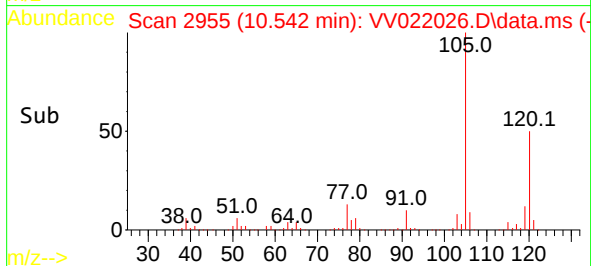
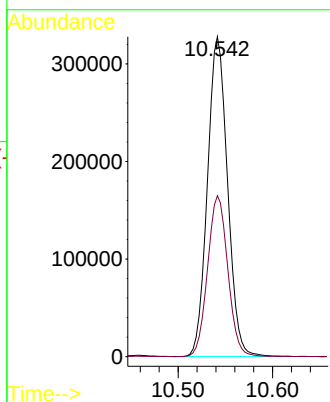
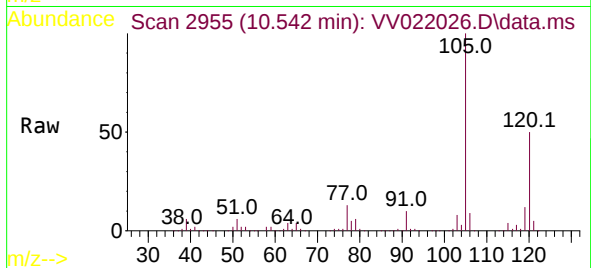




#62
1,3,5-Trimethylbenzene
Concen: 46.963 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

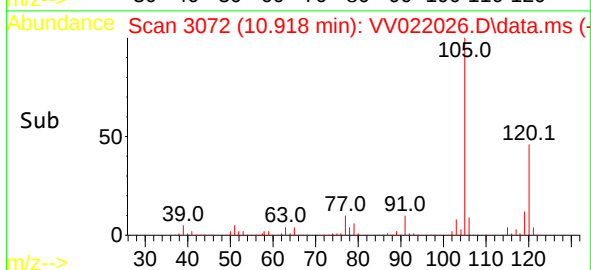
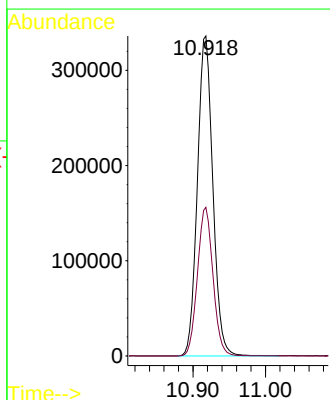
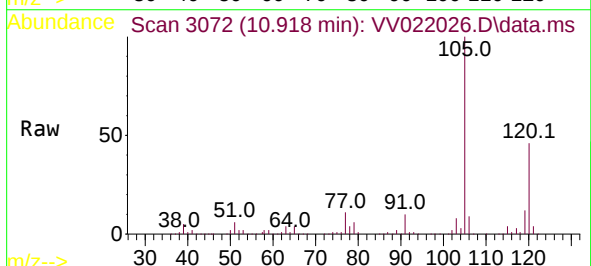
Instrument :
MSVOA_V
ClientSampled :

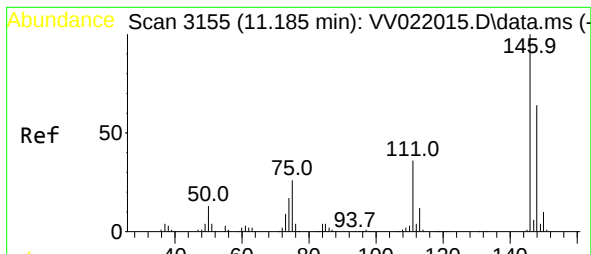
Tgt Ion:105 Resp: 483778
Ion Ratio Lower Upper
105 100
120 50.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 47.455 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion:105 Resp: 496878
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0

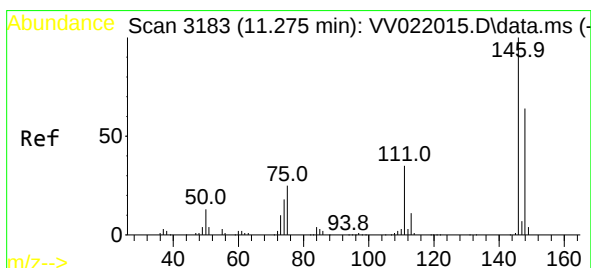
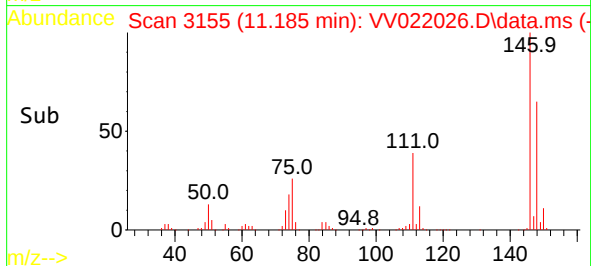
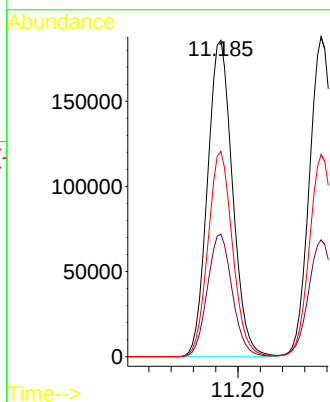
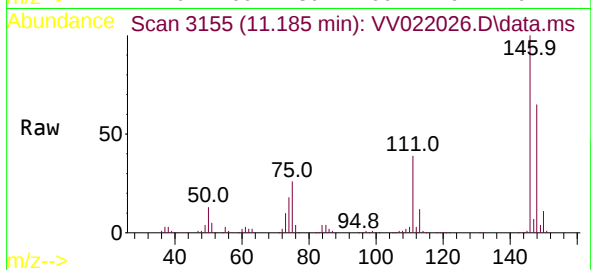




#64
1,3-Dichlorobenzene
Concen: 46.581 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

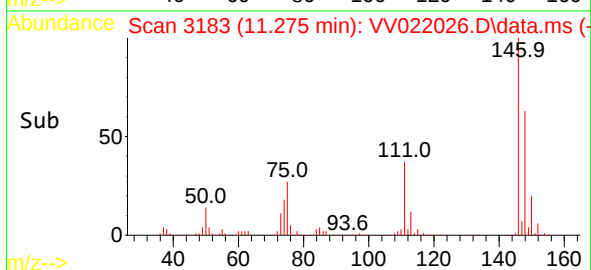
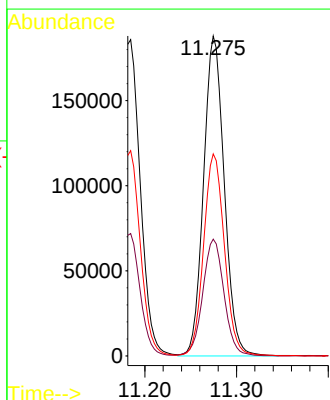
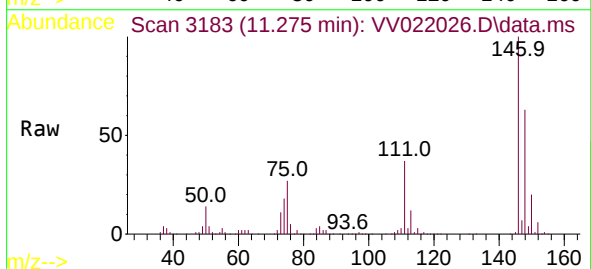
Instrument :
MSVOA_V
ClientSampled :

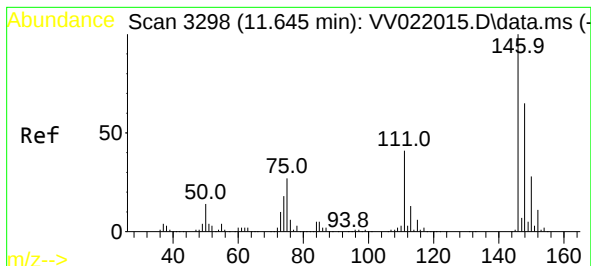
Tgt Ion:146 Resp: 290199
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 64.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.312 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion:146 Resp: 295233
Ion Ratio Lower Upper
146 100
111 36.5 25.3 46.9
148 63.2 44.4 82.5

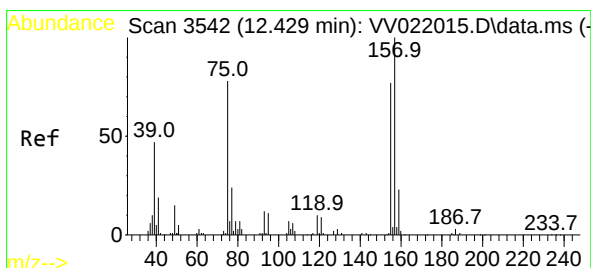
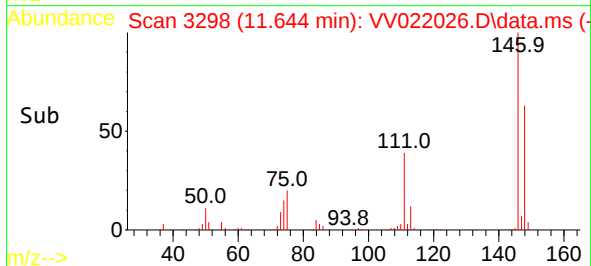
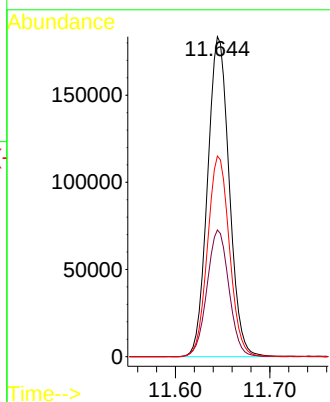
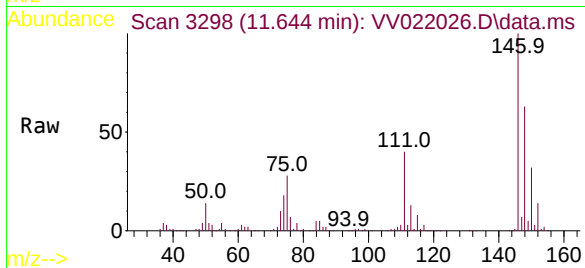




#67
1,2-Dichlorobenzene
Concen: 47.277 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

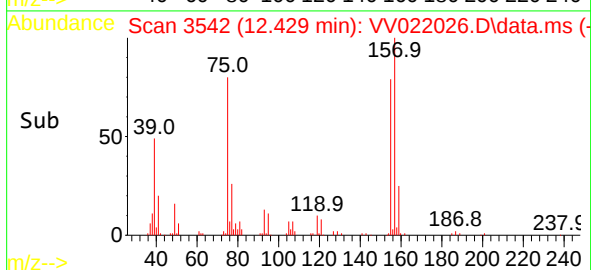
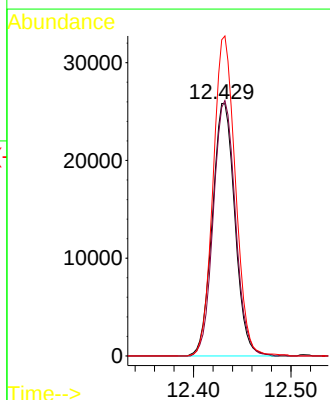
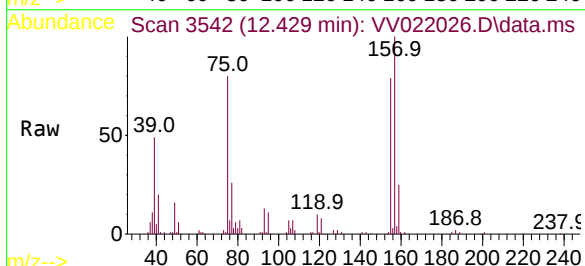
Instrument :
MSVOA_V
ClientSampled :

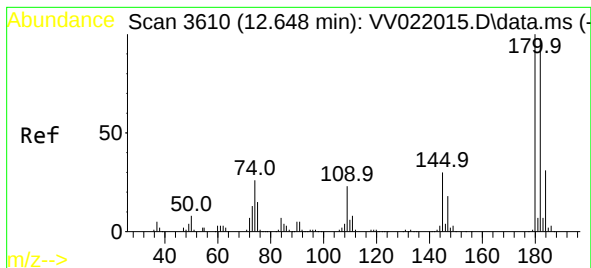
Tgt Ion:146 Resp: 292449
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 62.7 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 50.897 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion: 75 Resp: 41515
Ion Ratio Lower Upper
75 100
155 98.5 79.8 119.6
157 125.2 98.3 147.5

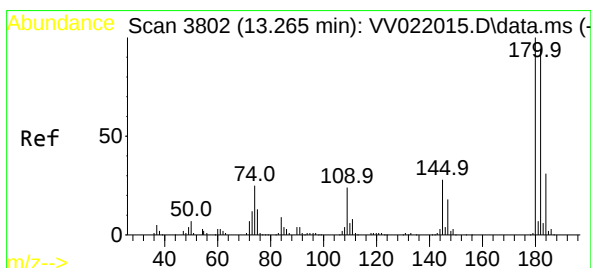
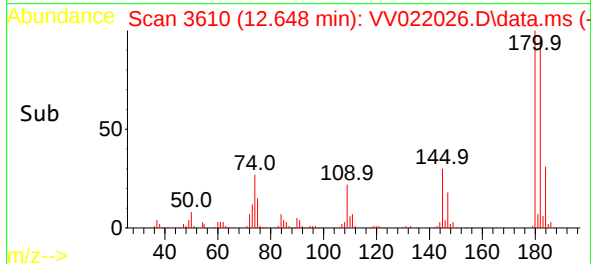
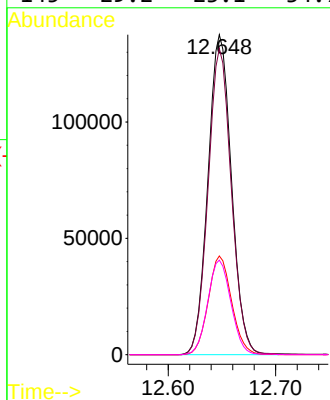
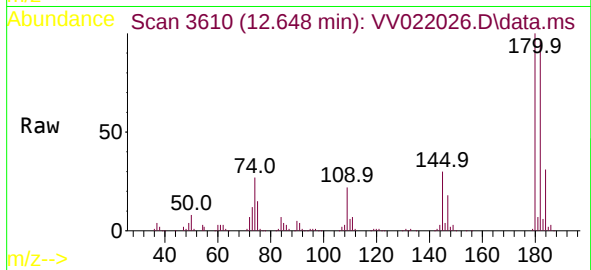




#69
1,3,5-Trichlorobenzene
Concen: 44.811 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

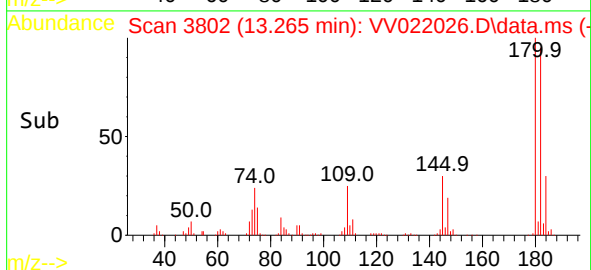
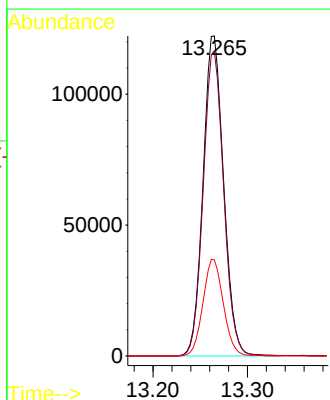
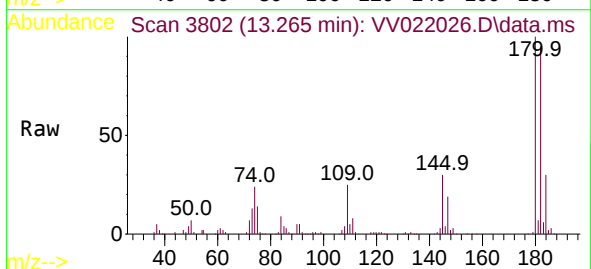
Instrument :
MSVOA_V
ClientSampled :

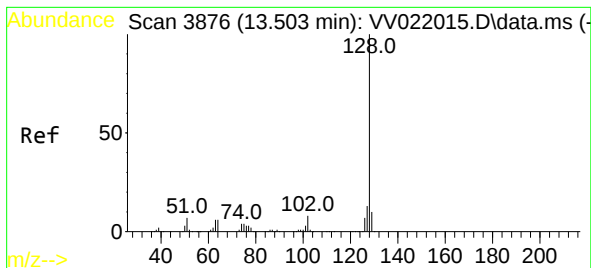
Tgt Ion:180 Resp: 208747
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
184 30.8 24.0 36.0
145 29.2 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 45.165 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion:180 Resp: 185084
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 29.9 23.8 35.6

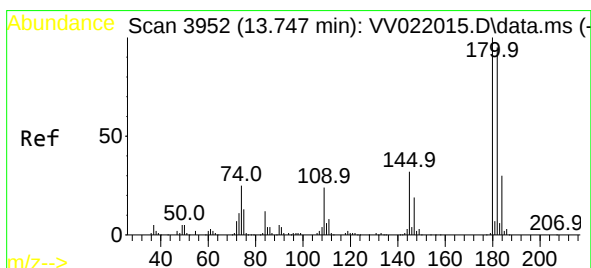
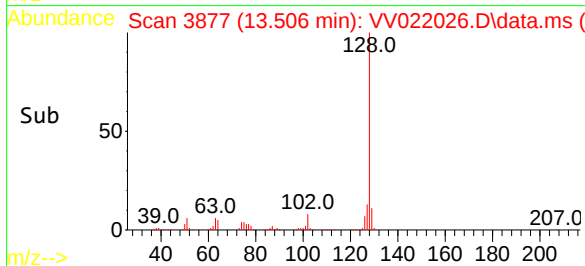
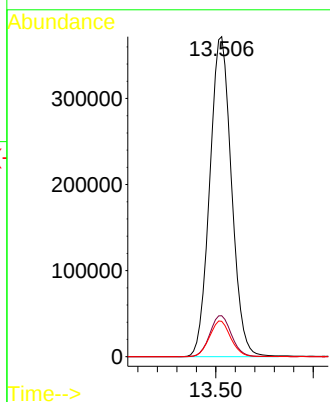
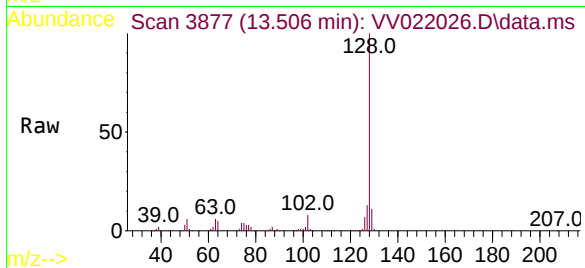




#71
Naphthalene
Concen: 48.889 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 576307
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.125 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV022026.D
Acq: 31 Aug 2021 00:43

Tgt Ion:180 Resp: 188359
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 31.8 25.4 38.0

