

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023081.D
 Acq On : 28 Oct 2021 17:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 02:14:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:52:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	312119	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	303066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	168850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	106527	49.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.040%
7) Chloroethane-d5	1.564	69	82963	49.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.900%
11) 1,1-Dichloroethene-d2	2.111	63	199454	48.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.900%
21) 2-Butanone-d5	3.873	46	169475	105.161	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.160%
24) Chloroform-d	4.346	84	223481	49.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
26) 1,2-Dichloroethane-d4	5.030	65	134560	50.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
32) Benzene-d6	5.050	84	428254	51.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.160%
36) 1,2-Dichloropropane-d6	6.069	67	133526	50.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	7.313	98	399732	52.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.540%
43) trans-1,3-Dichloroprop...	7.619	79	67267	53.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.200%
47) 2-Hexanone-d5	8.085	63	126379	110.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	191599	49.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	165069	50.681	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	146009	49.209	ug/L	99
3) Chloromethane	1.243	50	134017	47.888	ug/L	100
5) Vinyl chloride	1.310	62	135913	48.602	ug/L	99
6) Bromomethane	1.519	94	76406	48.635	ug/L	98
8) Chloroethane	1.584	64	80784	47.450	ug/L	97
9) Trichlorofluoromethane	1.754	101	199880	47.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	106876	47.436	ug/L	98
12) 1,1-Dichloroethene	2.117	96	101756	48.672	ug/L	90
13) Acetone	2.166	43	133281	83.437	ug/L #	76
14) Carbon disulfide	2.294	76	312236	49.940	ug/L	100
15) Methyl Acetate	2.426	43	131195	49.482	ug/L	98
16) Methylene chloride	2.506	84	127483	47.600	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	117685	49.324	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	365056	50.948	ug/L	100
19) 1,1-Dichloroethane	3.188	63	212994	47.913	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	127840	50.125	ug/L	95
22) 2-Butanone	3.957	43	185153	101.696	ug/L	98
23) Bromochloromethane	4.246	128	69523	48.371	ug/L	99
25) Chloroform	4.371	83	220866	48.312	ug/L	98

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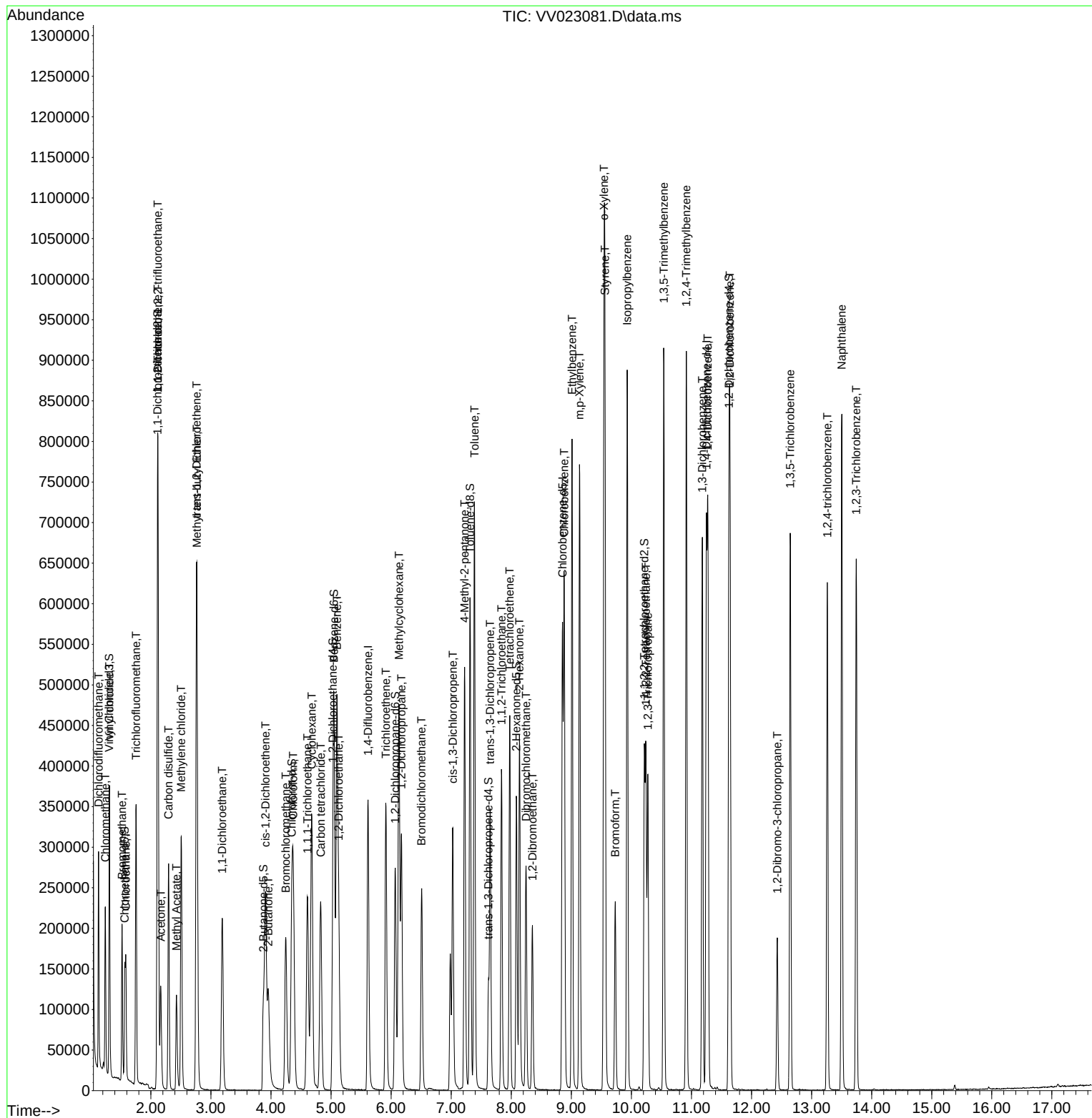
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	163693	47.702	ug/L	100
29) Cyclohexane	4.677	56	185129	52.332	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	197876	48.997	ug/L	99
31) Carbon tetrachloride	4.828	117	177676	48.948	ug/L	100
33) Benzene	5.098	78	477671	50.594	ug/L	100
34) Trichloroethene	5.911	95	125554	50.893	ug/L	97
35) Methylcyclohexane	6.130	83	198357	51.594	ug/L	99
37) 1,2-Dichloropropane	6.172	63	123283	49.688	ug/L	100
38) Bromodichloromethane	6.506	83	166972	49.720	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	194340	51.645	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	331796	103.682	ug/L	99
42) Toluene	7.387	91	520531	51.515	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	189807	52.026	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	122203	48.236	ug/L	98
46) Tetrachloroethene	7.976	164	104605	49.180	ug/L	98
48) 2-Hexanone	8.136	43	260115	102.375	ug/L	99
49) Dibromochloromethane	8.246	129	142036	49.064	ug/L	99
50) 1,2-Dibromoethane	8.352	107	130955	49.075	ug/L	100
51) Chlorobenzene	8.882	112	336982	49.371	ug/L	99
52) Ethylbenzene	9.011	91	553098	51.446	ug/L	99
53) m,p-Xylene	9.136	106	218215	52.655	ug/L	97
54) o-Xylene	9.545	106	209177	51.858	ug/L	97
55) Styrene	9.561	104	373572	53.285	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	194543	48.151	ug/L	100
59) Bromoform	9.731	173	105866	49.567	ug/L	98
60) Isopropylbenzene	9.931	105	555437	51.491	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	152940	48.329	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	469445	52.840	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	479487	53.761	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	274033	50.251	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	278275	48.992	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	275451	49.954	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	43144	48.849	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	209934	50.897	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	189085	52.895	ug/L	100
71) Naphthalene	13.503	128	634761	55.306	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	198986	52.661	ug/L	99

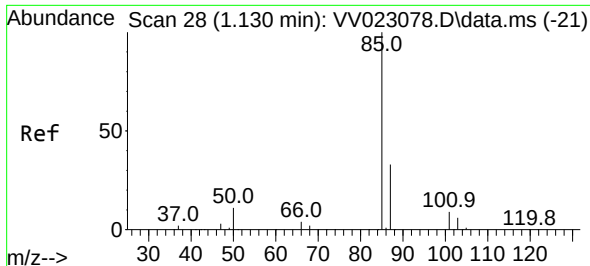
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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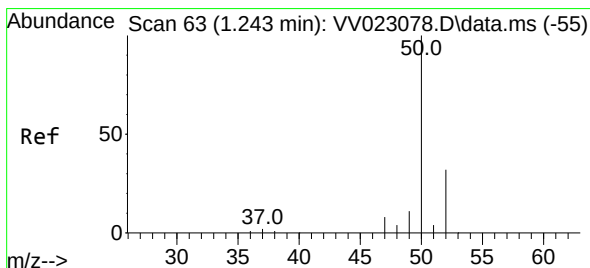
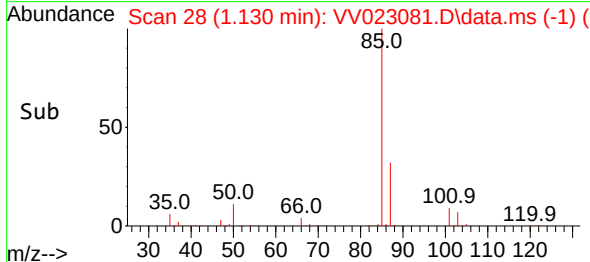
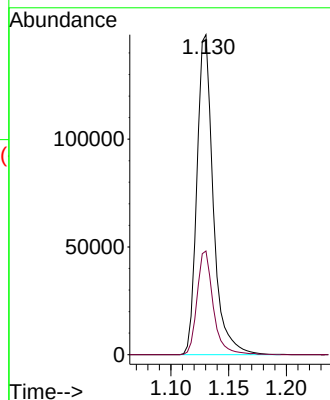
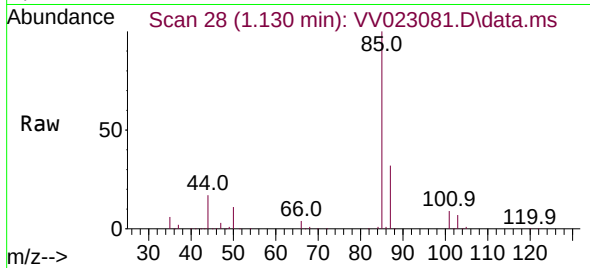




#2
 Dichlorodifluoromethane
 Concen: 49.209 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV023081.D
 Acq: 28 Oct 2021 17:43

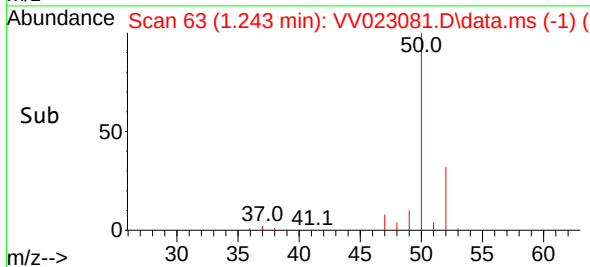
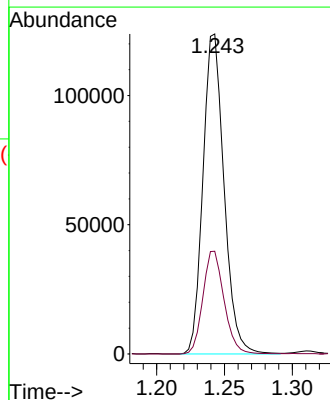
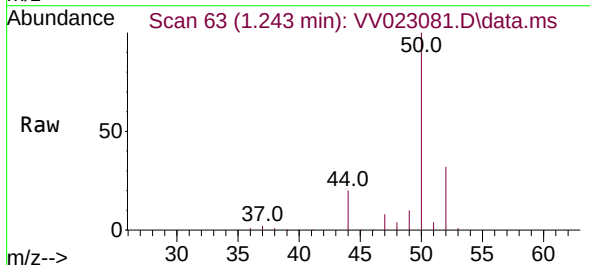
Instrument :
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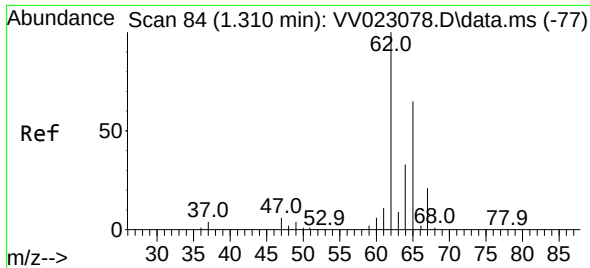
Tgt Ion: 85 Resp: 146009
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 47.888 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV023081.D
 Acq: 28 Oct 2021 17:43

Tgt Ion: 50 Resp: 134017
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.9

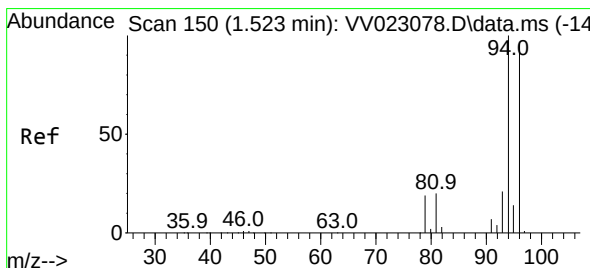
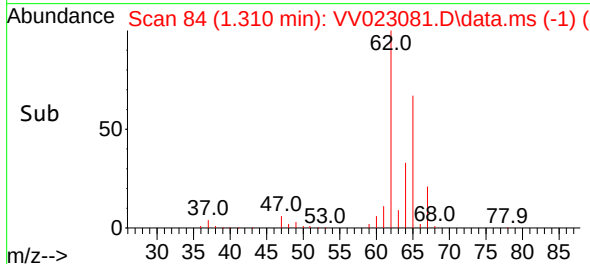
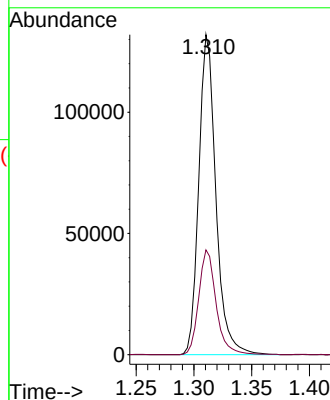
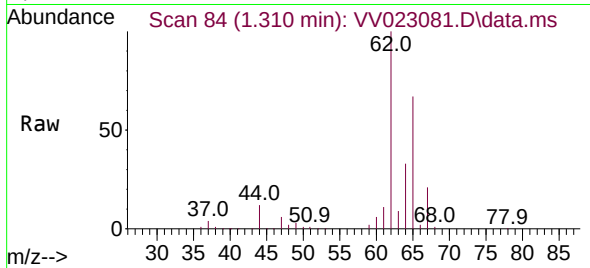




#5
 Vinyl chloride
 Concen: 48.602 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023081.D
 Acq: 28 Oct 2021 17:43

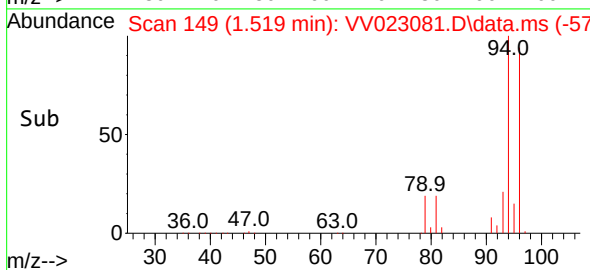
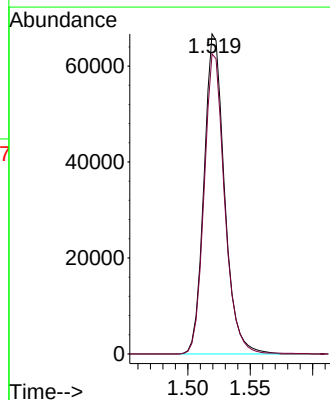
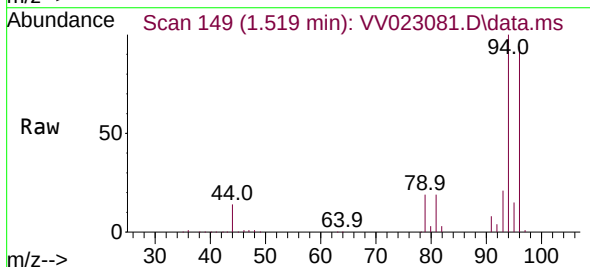
Instrument :
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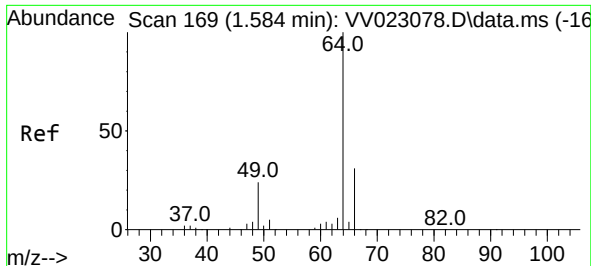
Tgt Ion: 62 Resp: 135913
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 48.635 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023081.D
 Acq: 28 Oct 2021 17:43

Tgt Ion: 94 Resp: 76406
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.8 124.2

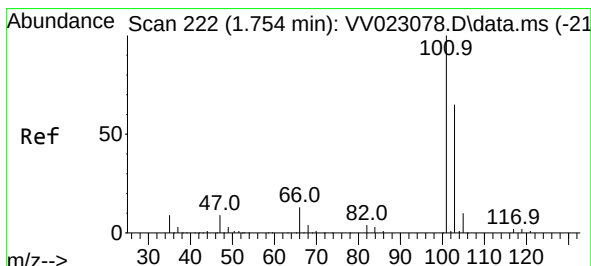
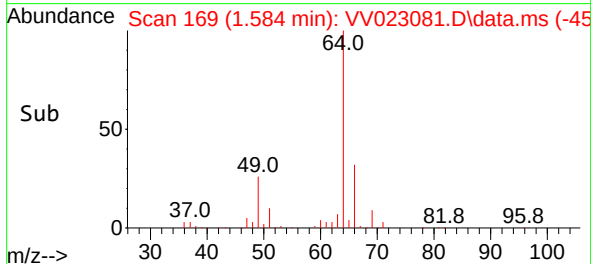
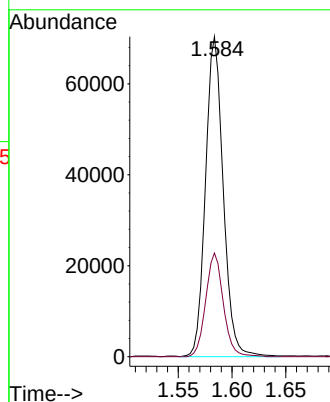
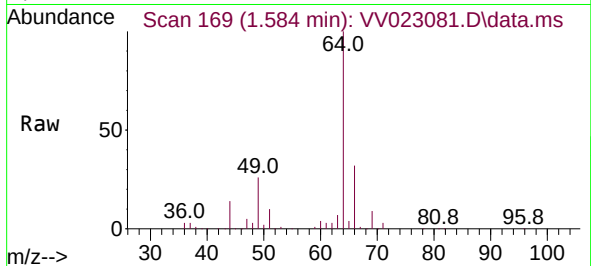




#8
Chloroethane
Concen: 47.450 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

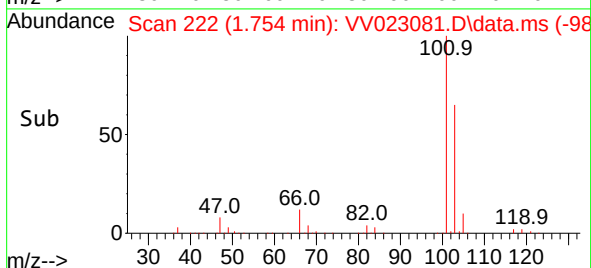
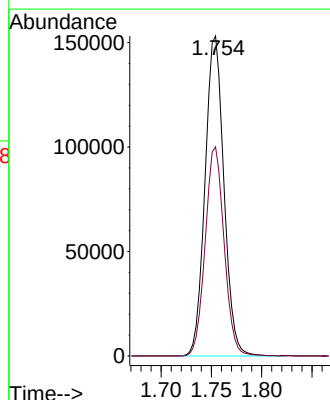
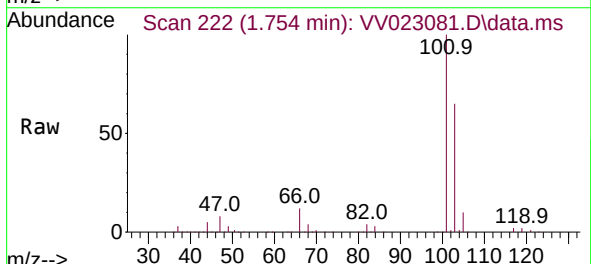
Instrument :
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ClientSampled :

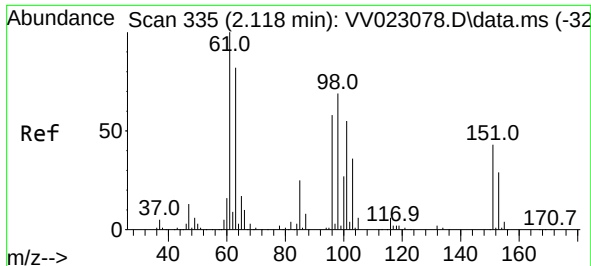
Tgt Ion: 64 Resp: 80784
Ion Ratio Lower Upper
64 100
66 32.4 21.3 39.6



#9
Trichlorofluoromethane
Concen: 47.097 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion:101 Resp: 199880
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2

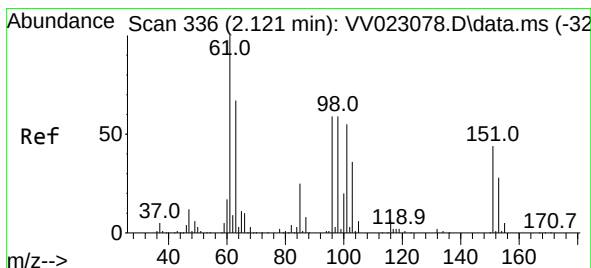
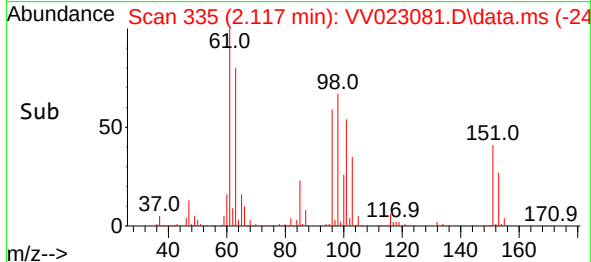
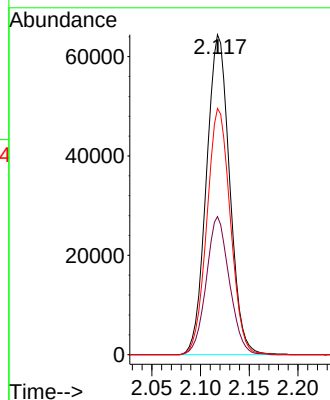
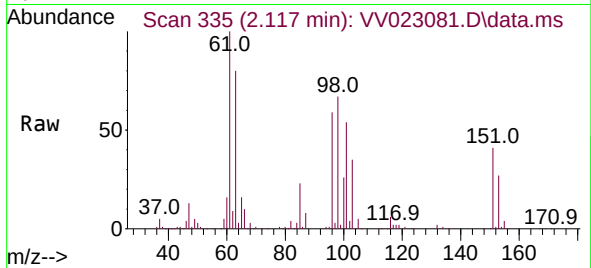




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.436 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

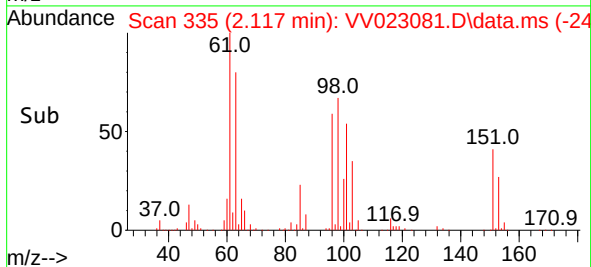
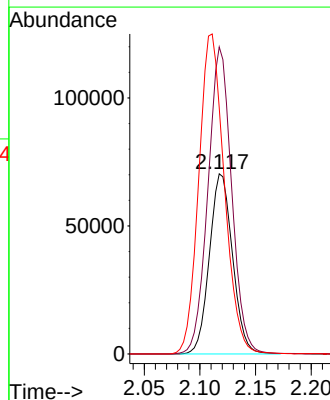
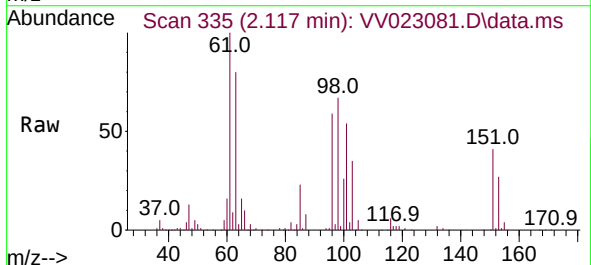
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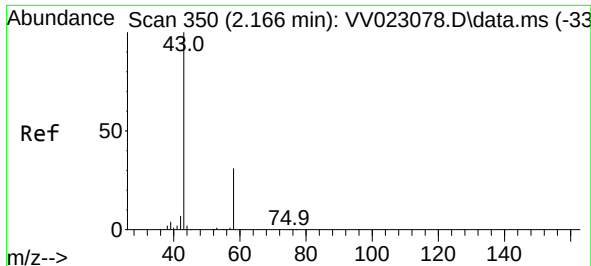
Tgt Ion:101 Resp: 106876
Ion Ratio Lower Upper
101 100
85 42.9 35.1 52.7
151 77.8 63.4 95.2



#12
1,1-Dichloroethene
Concen: 48.672 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 96 Resp: 101756
Ion Ratio Lower Upper
96 100
61 170.4 117.7 218.7
63 136.6 79.2 147.2

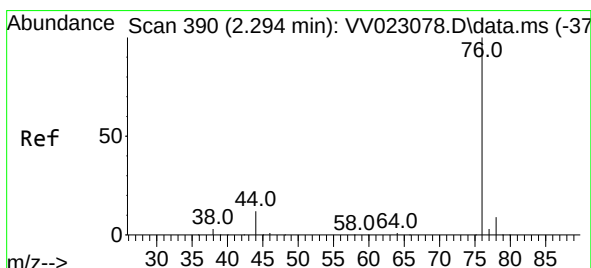
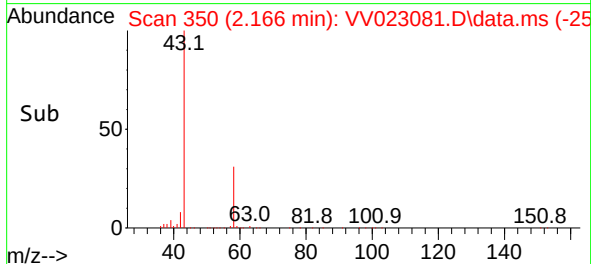
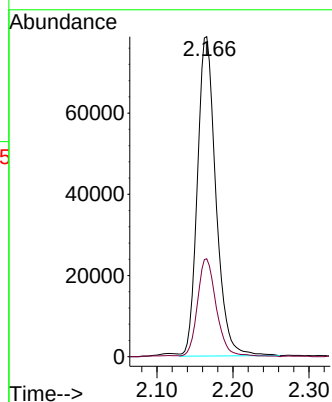
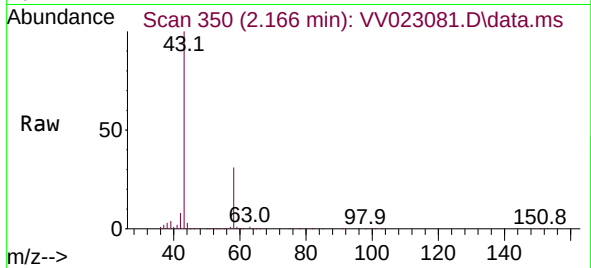




#13
Acetone
Concen: 83.437 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

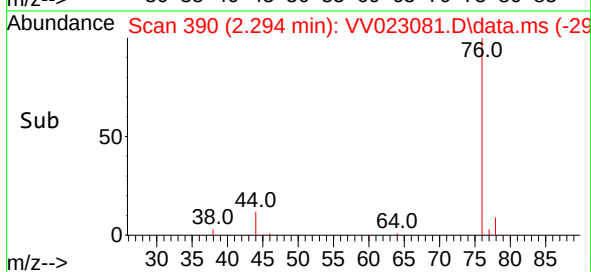
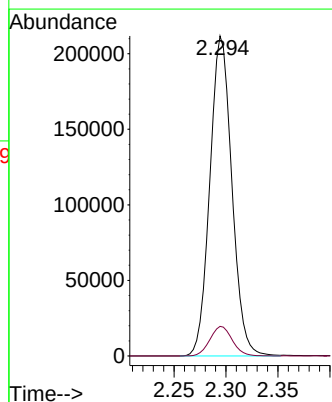
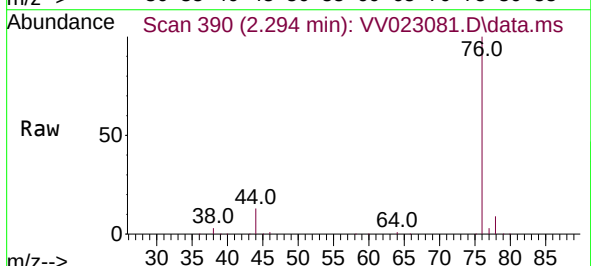
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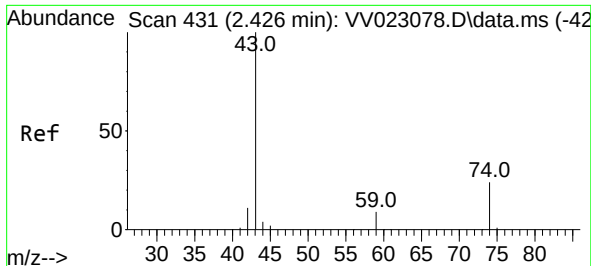
Tgt Ion: 43 Resp: 133281
Ion Ratio Lower Upper
43 100
58 30.7 0.0 0.4#



#14
Carbon disulfide
Concen: 49.940 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 312236
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

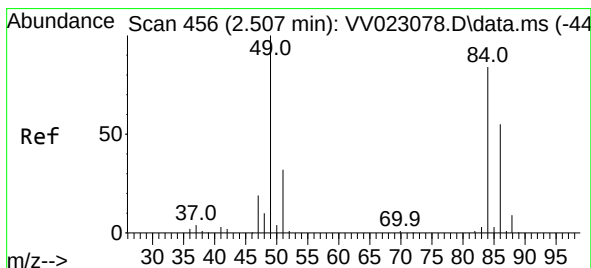
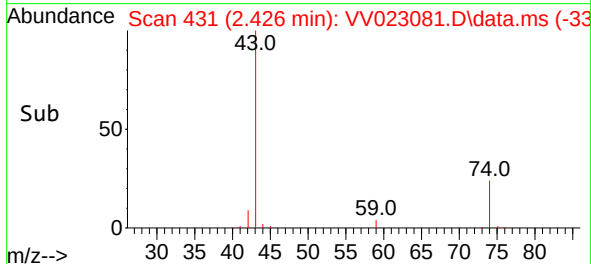
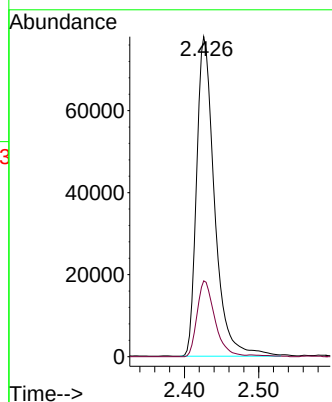
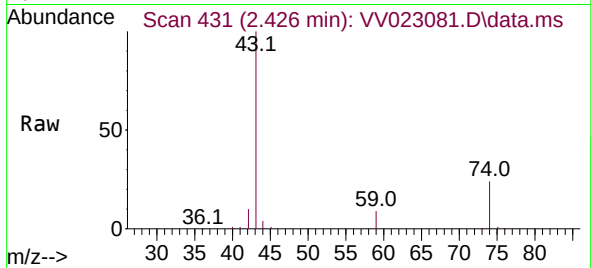




#15
Methyl Acetate
Concen: 49.482 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

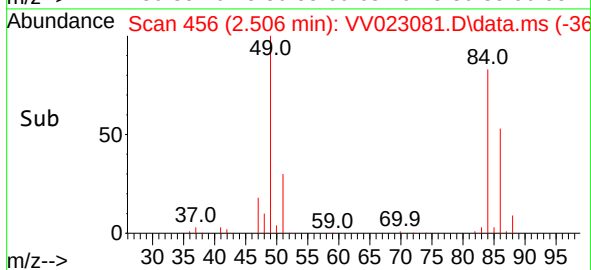
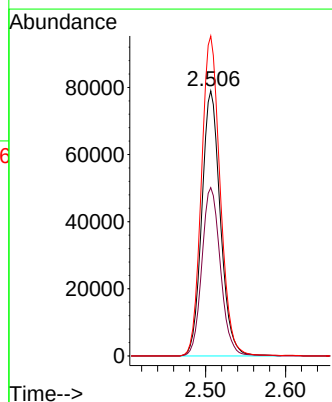
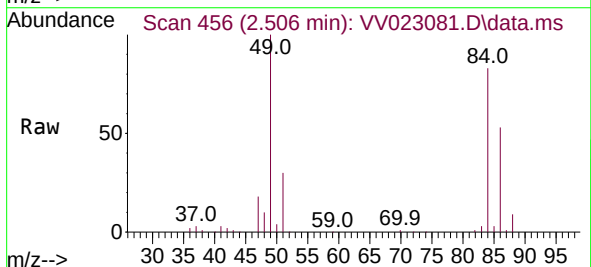
Instrument :
MSVOA_V
ClientSampled :

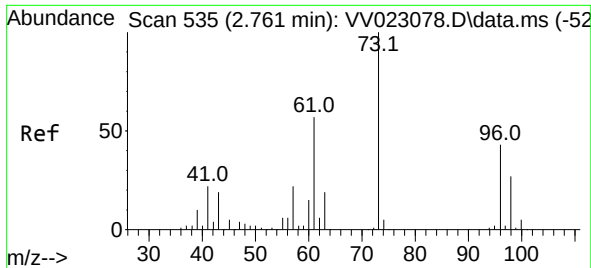
Tgt Ion: 43 Resp: 131195
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2



#16
Methylene chloride
Concen: 47.600 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 84 Resp: 127483
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.2
49 120.7 83.0 154.1

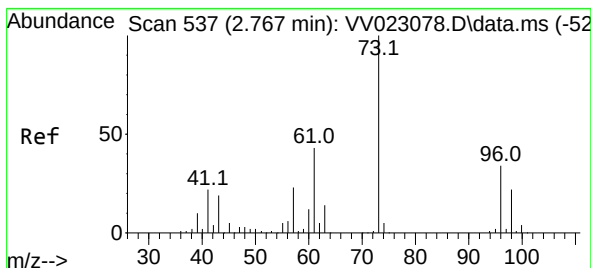
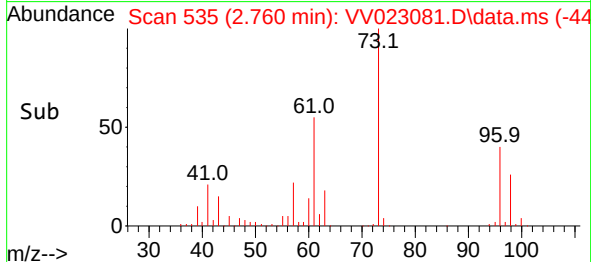
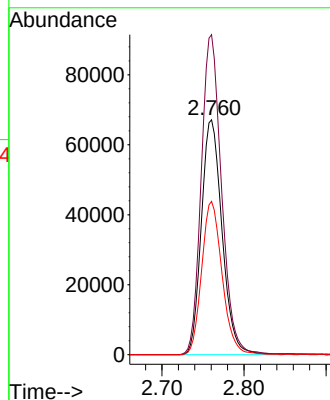
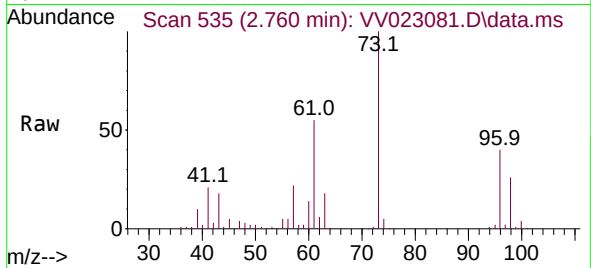




#17
trans-1,2-Dichloroethene
Concen: 49.324 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

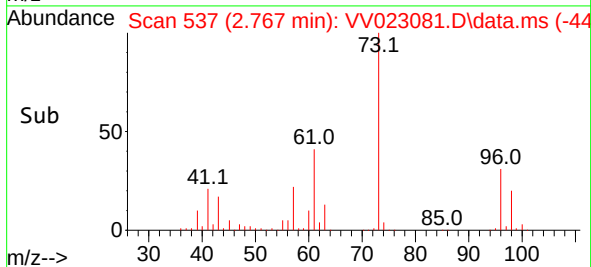
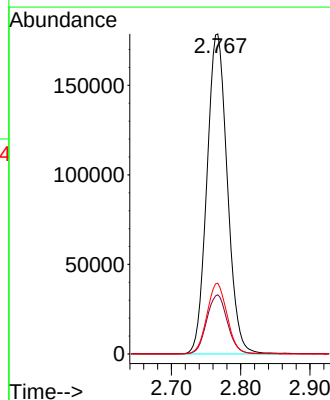
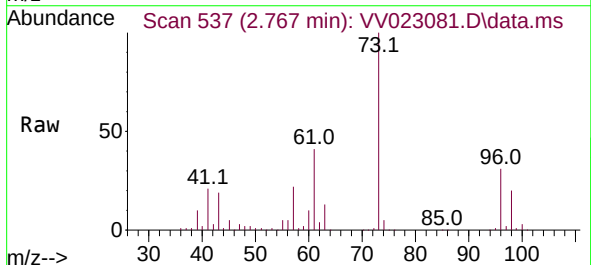
Instrument :
MSVOA_V
ClientSampled :

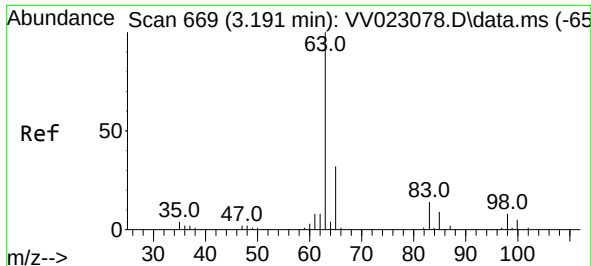
Tgt Ion: 96 Resp: 117685
Ion Ratio Lower Upper
96 100
61 136.2 92.2 171.2
98 65.2 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 50.948 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 73 Resp: 365056
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3
57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 47.913 ug/L

RT: 3.188 min Scan# 668

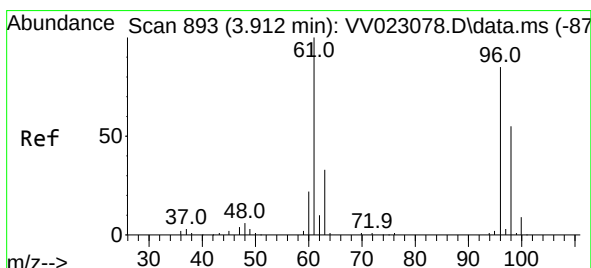
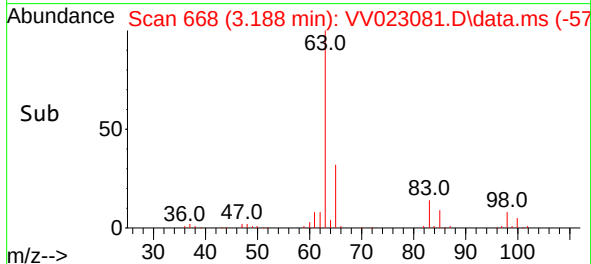
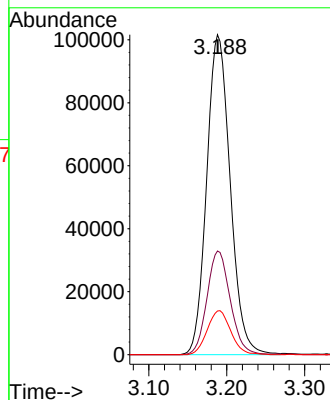
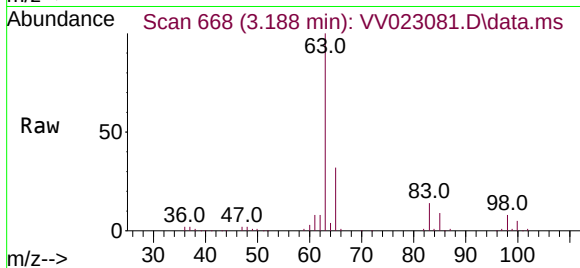
Delta R.T. -0.003 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

Tgt Ion: 63 Resp: 212994

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.3	41.5
83	13.7	9.8	18.2



#20

cis-1,2-Dichloroethene

Concen: 50.125 ug/L

RT: 3.908 min Scan# 892

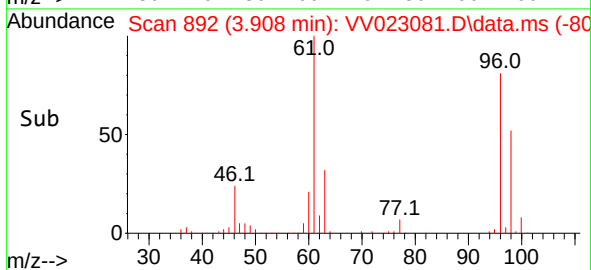
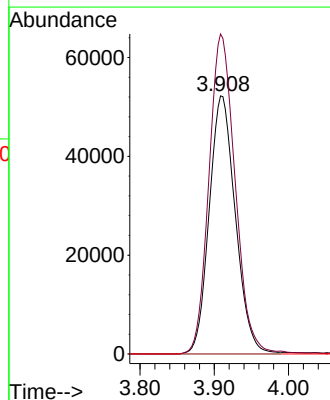
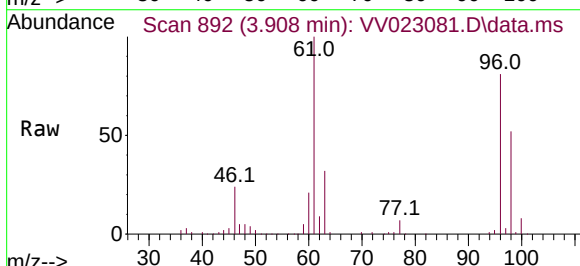
Delta R.T. -0.003 min

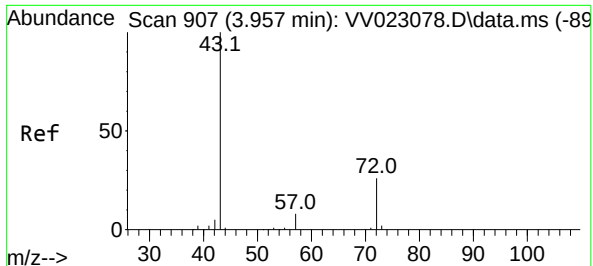
Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

Tgt Ion: 96 Resp: 127840

Ion	Ratio	Lower	Upper
96	100		
61	124.0	83.0	154.1
68	0.0	0.0	0.0

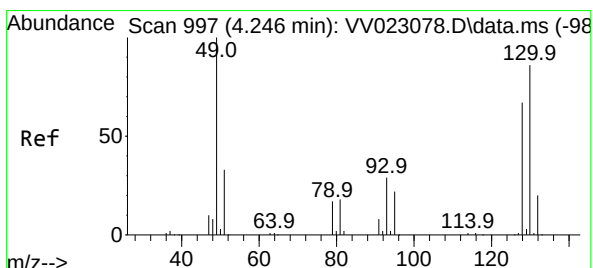
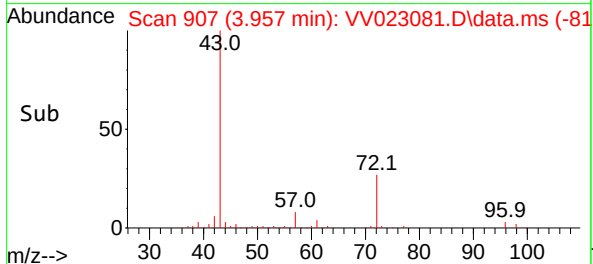
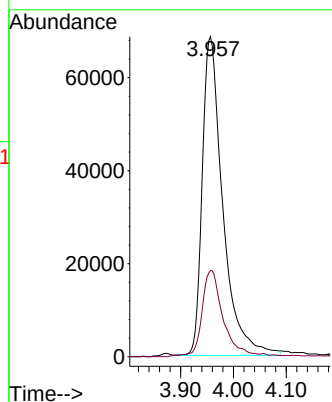
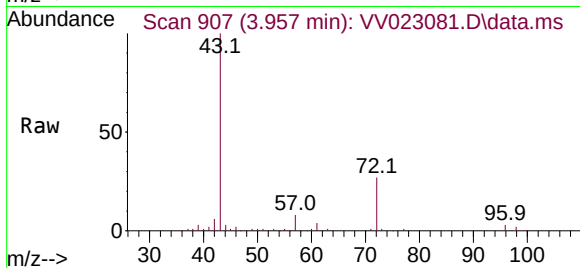




#22
2-Butanone
Concen: 101.696 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

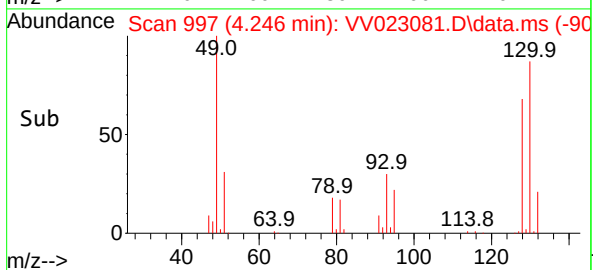
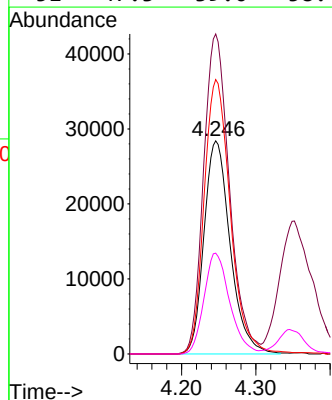
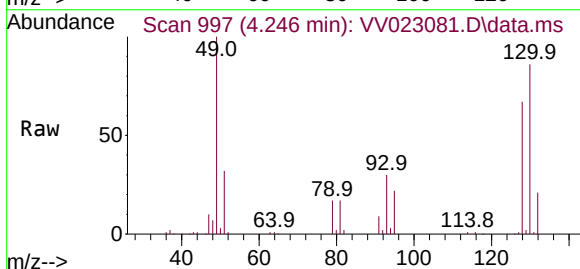
Instrument :
MSVOA_V
ClientSampled :

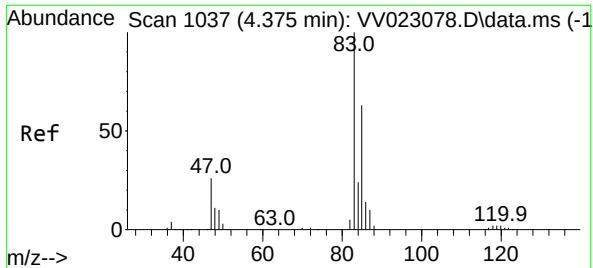
Tgt Ion: 43 Resp: 185153
Ion Ratio Lower Upper
43 100
72 27.6 13.4 40.1



#23
Bromochloromethane
Concen: 48.371 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 128 Resp: 69523
Ion Ratio Lower Upper
128 100
49 150.2 104.7 194.4
130 128.8 89.7 166.7
51 47.3 39.0 58.4

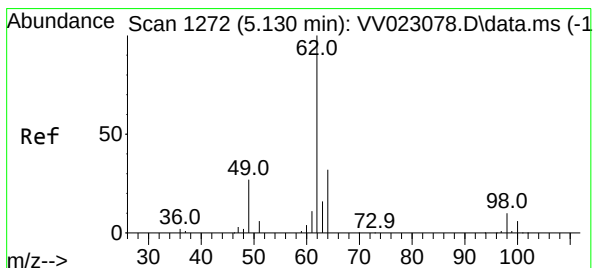
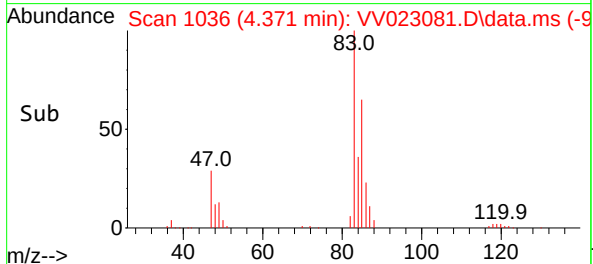
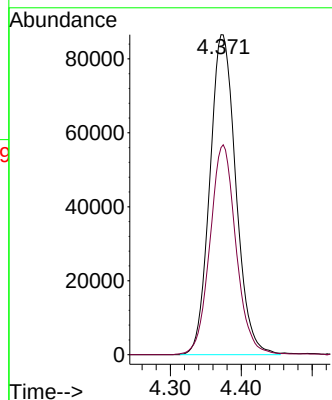
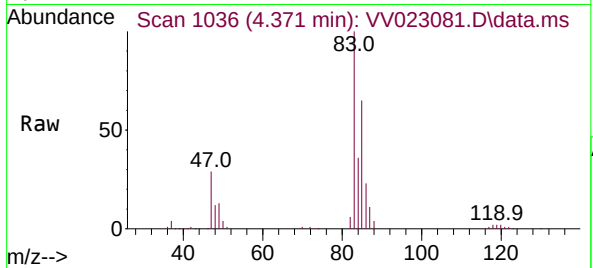




#25
Chloroform
Concen: 48.312 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

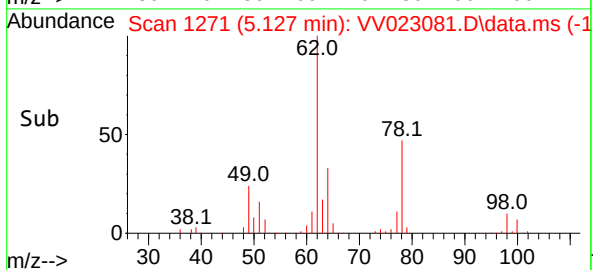
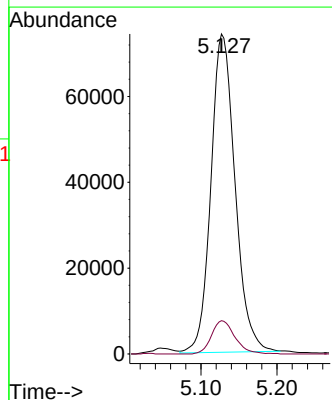
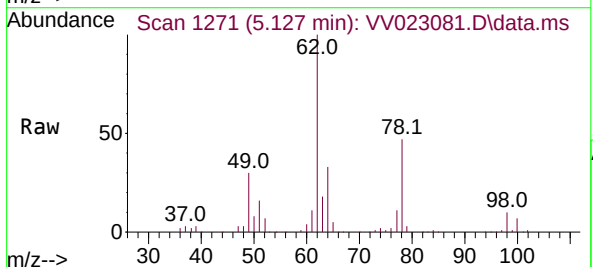
Instrument :
MSVOA_V
ClientSampled :

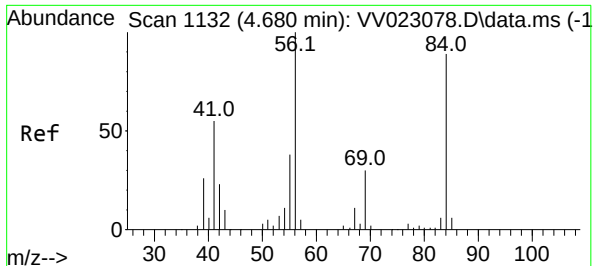
Tgt Ion: 83 Resp: 220866
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4



#27
1,2-Dichloroethane
Concen: 47.702 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 62 Resp: 163693
Ion Ratio Lower Upper
62 100
98 10.4 8.2 12.4





#29

Cyclohexane

Concen: 52.332 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

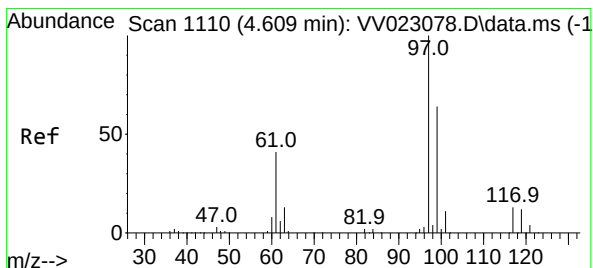
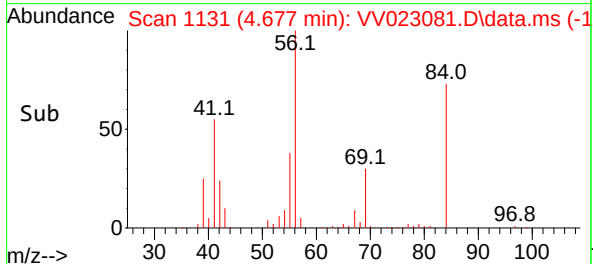
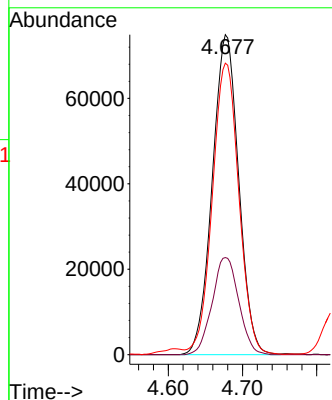
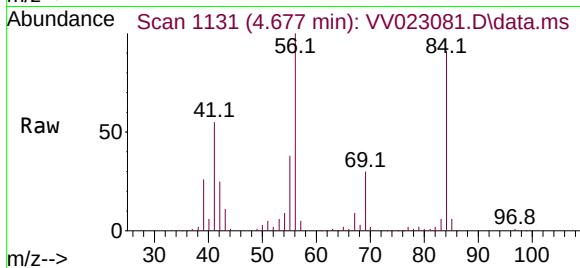
Tgt Ion: 56 Resp: 185129

Ion Ratio Lower Upper

56 100

69 30.6 24.6 36.8

84 91.8 72.8 109.2



#30

1,1,1-Trichloroethane

Concen: 48.997 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

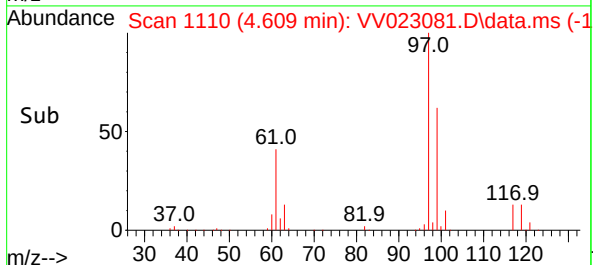
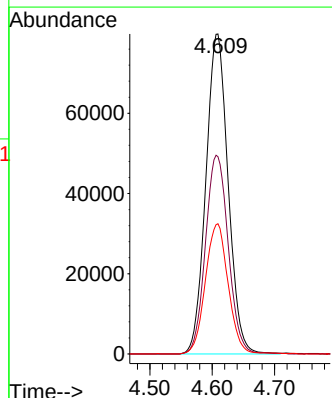
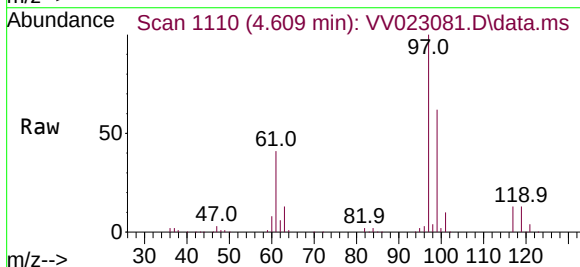
Tgt Ion: 97 Resp: 197876

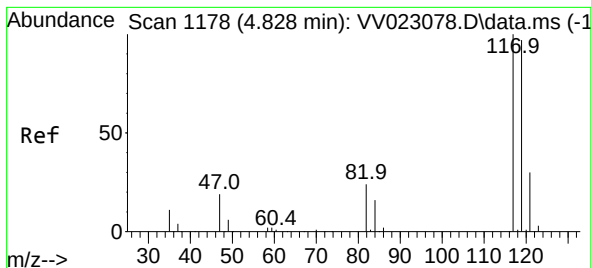
Ion Ratio Lower Upper

97 100

99 63.6 51.9 77.9

61 41.6 33.8 50.6

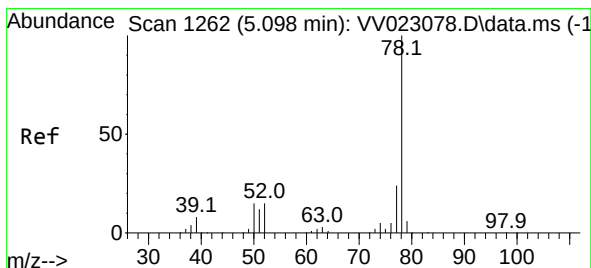
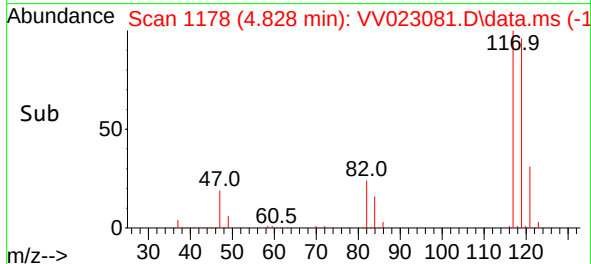
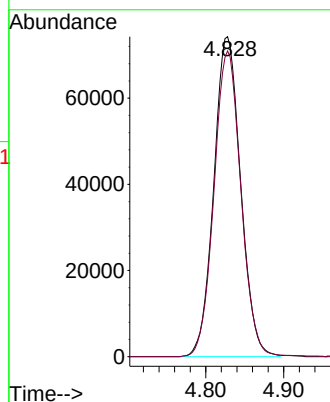
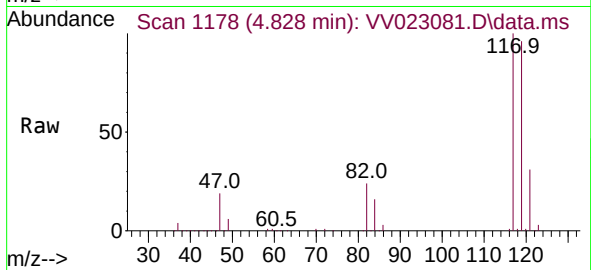




#31
Carbon tetrachloride
Concen: 48.948 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

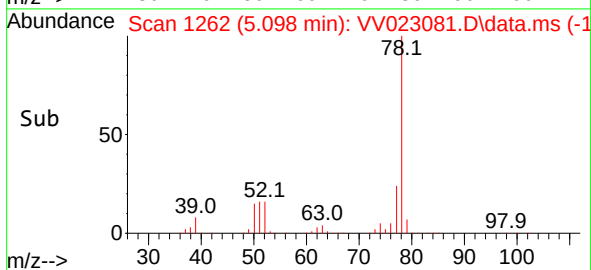
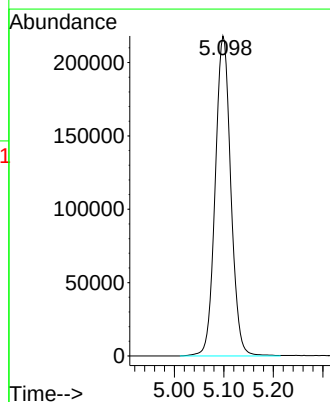
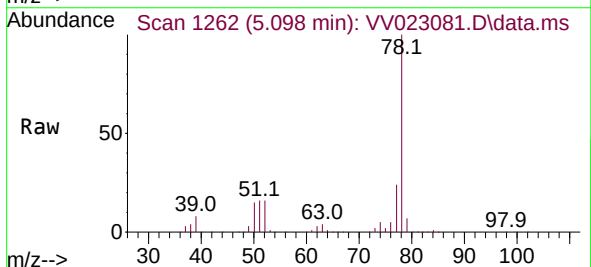
Instrument :
MSVOA_V
ClientSampled :

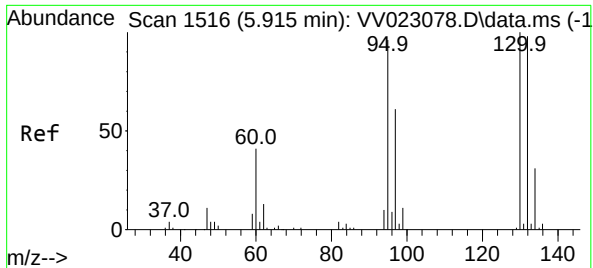
Tgt Ion:117 Resp: 177676
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4



#33
Benzene
Concen: 50.594 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 78 Resp: 477671



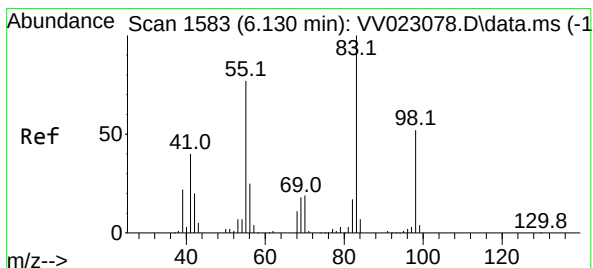
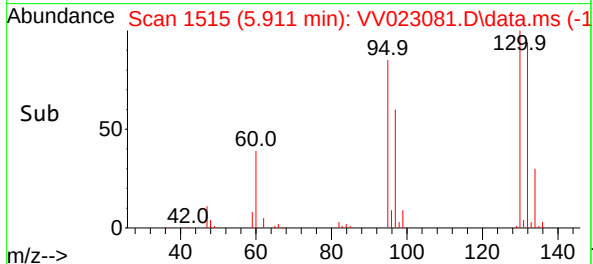
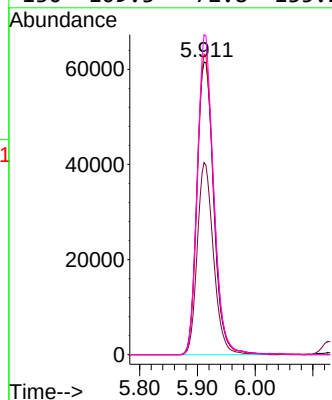
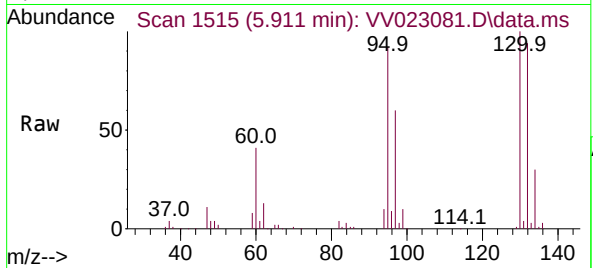


#34
Trichloroethene
Concen: 50.893 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 125554

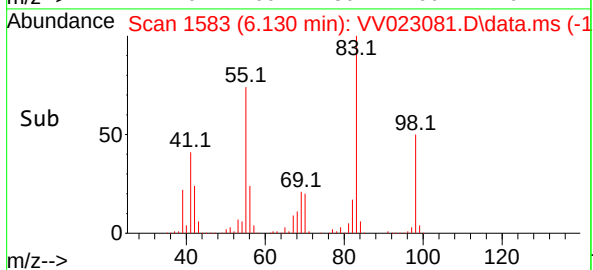
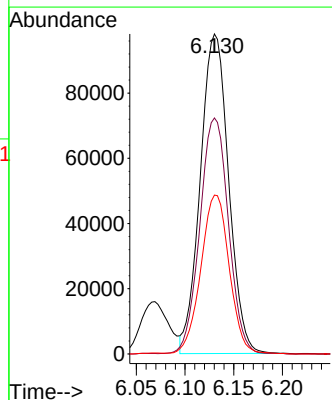
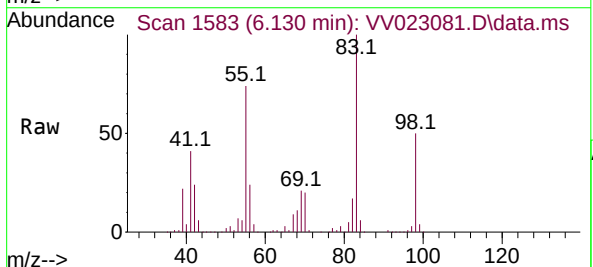
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.5
132	102.6	71.5	132.9
130	109.3	72.8	135.2

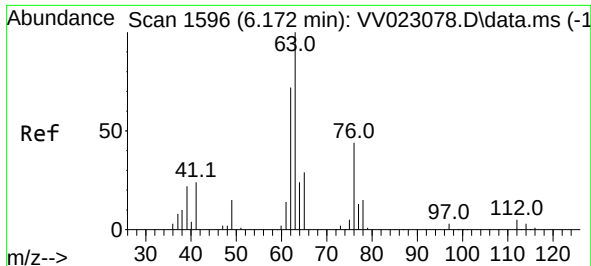


#35
Methylcyclohexane
Concen: 51.594 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 83 Resp: 198357

Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.1	90.1
98	49.8	41.2	61.8

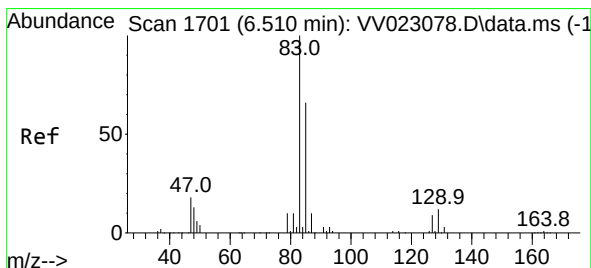
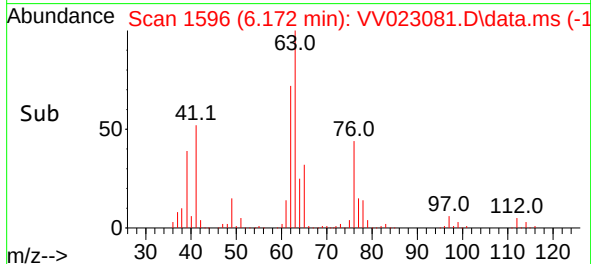
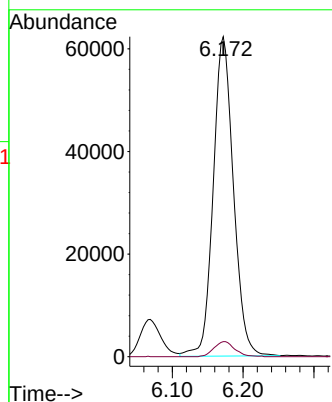
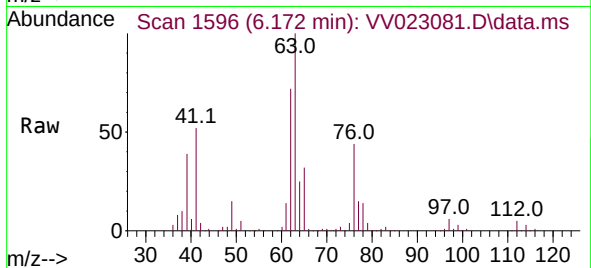




#37
1,2-Dichloropropane
Concen: 49.688 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

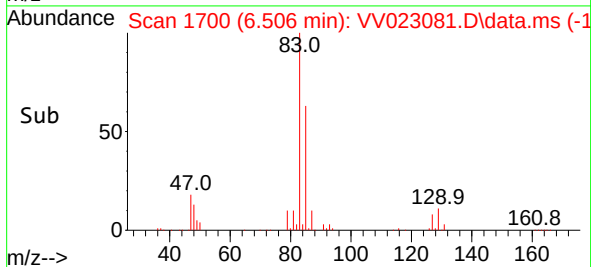
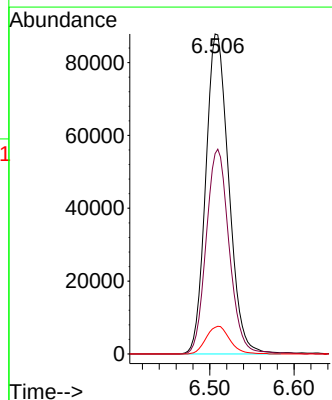
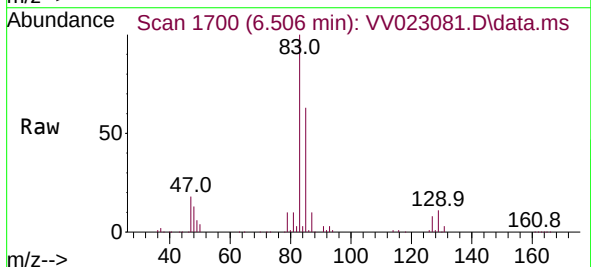
Instrument :
MSVOA_V
ClientSampled :

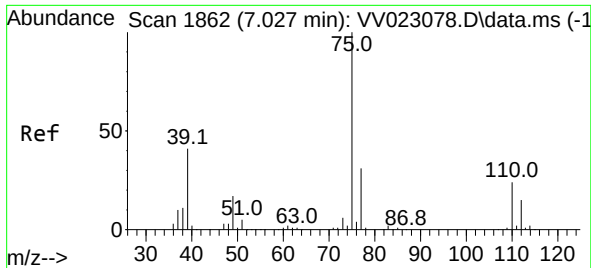
Tgt Ion: 63 Resp: 123283
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 49.720 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 83 Resp: 166972
Ion Ratio Lower Upper
83 100
85 62.6 46.1 85.5
127 8.3 7.4 11.0

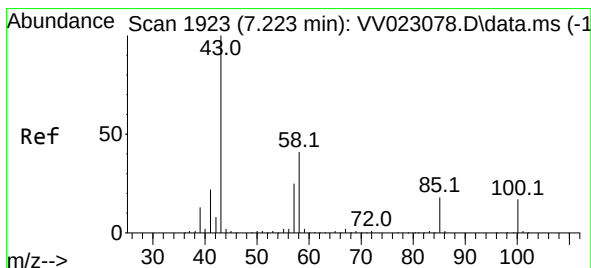
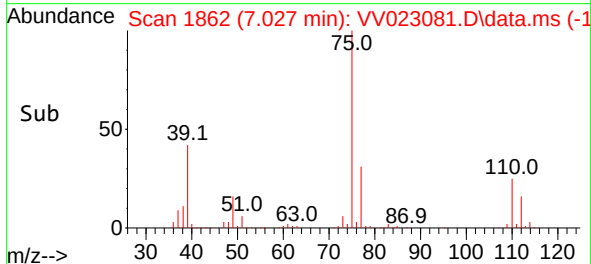
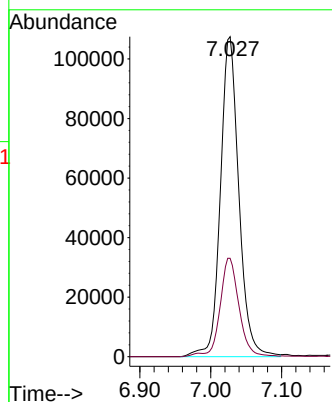
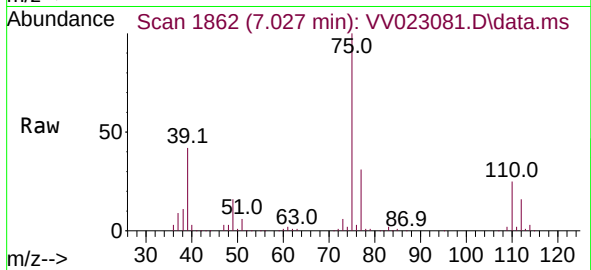




#39
 cis-1,3-Dichloropropene
 Concen: 51.645 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV023081.D
 Acq: 28 Oct 2021 17:43

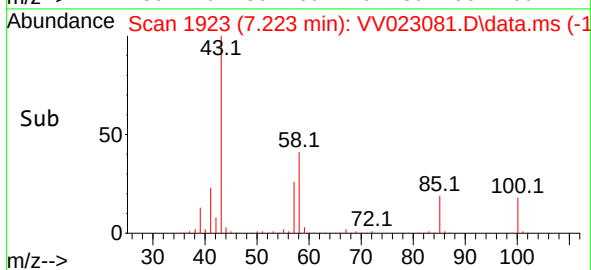
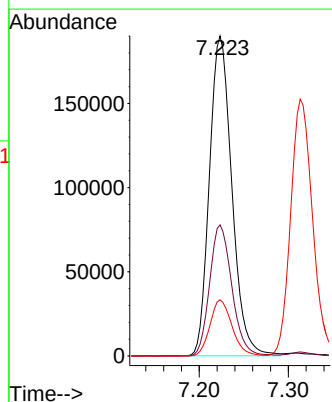
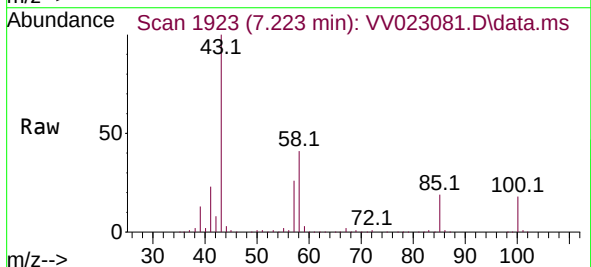
Instrument :
 MSVOA_V
 ClientSampled :

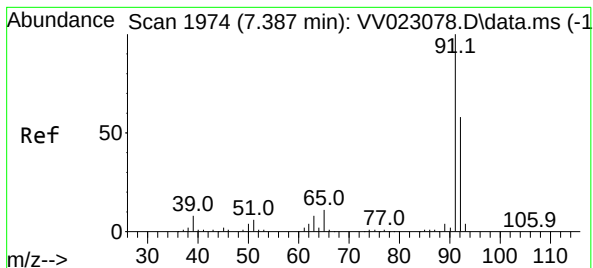
Tgt Ion: 75 Resp: 194340
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 103.682 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV023081.D
 Acq: 28 Oct 2021 17:43

Tgt Ion: 43 Resp: 331796
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.4 48.6
 100 17.3 13.4 20.2





#42

Toluene

Concen: 51.515 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023081.D

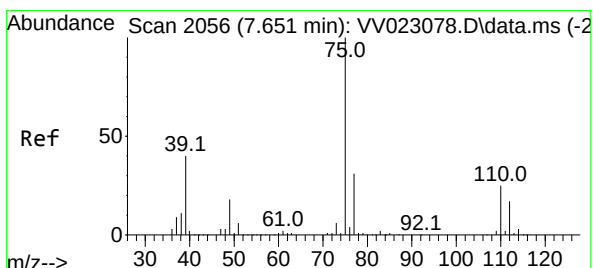
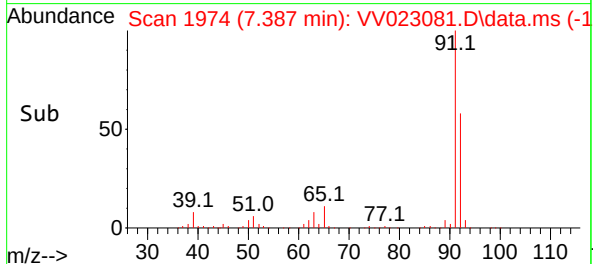
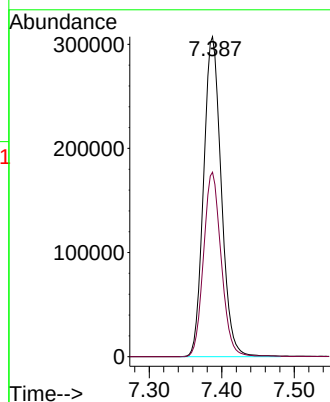
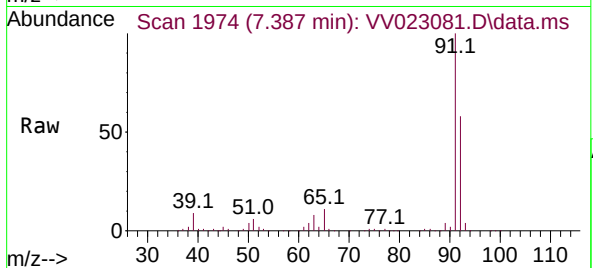
Acq: 28 Oct 2021 17:43

Tgt Ion: 91 Resp: 520531

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 52.026 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV023081.D

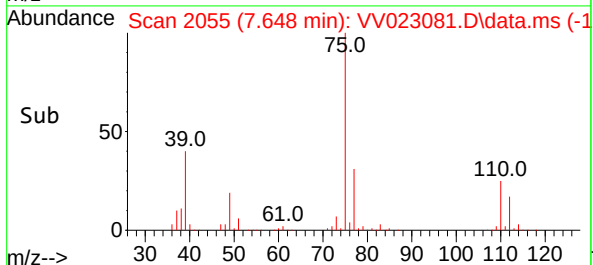
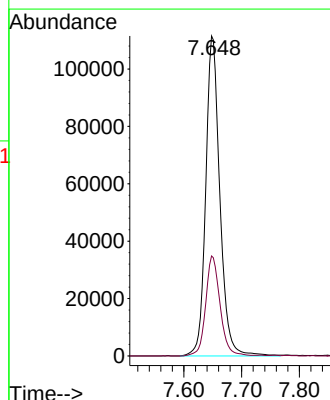
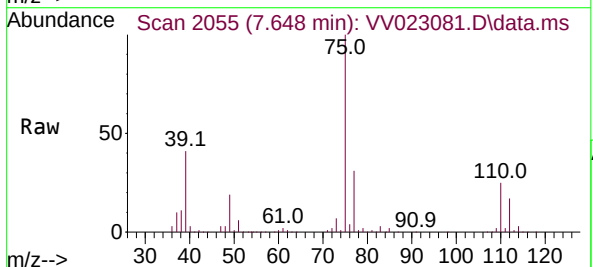
Acq: 28 Oct 2021 17:43

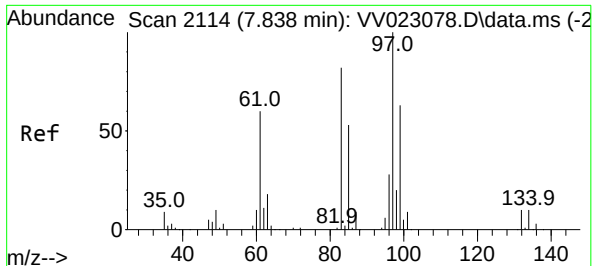
Tgt Ion: 75 Resp: 189807

Ion Ratio Lower Upper

75 100

77 31.3 21.4 39.8





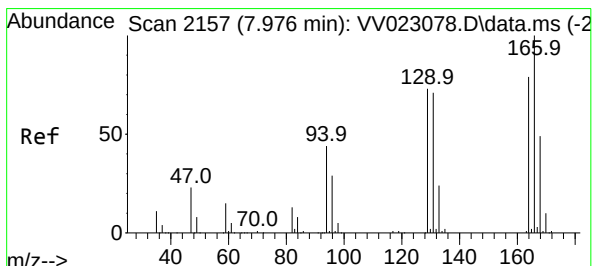
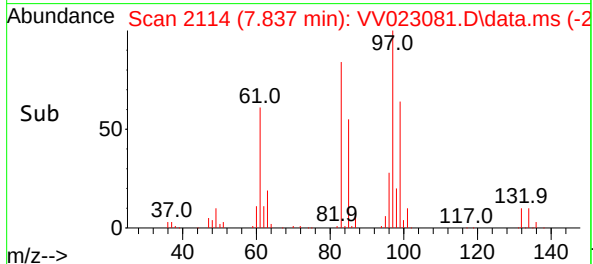
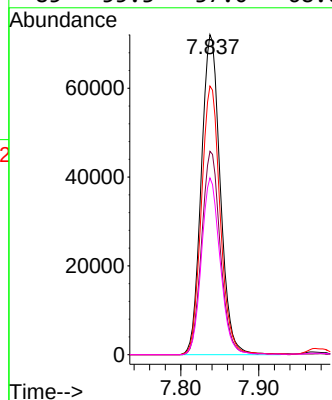
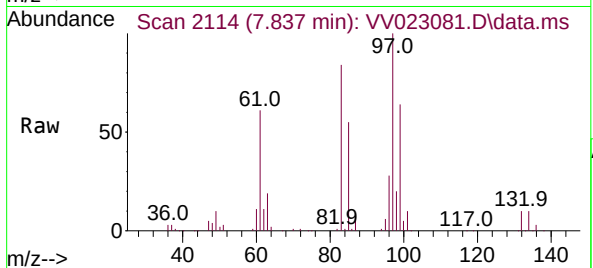
#45

1,1,2-Trichloroethane
Concen: 48.236 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 122203

Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.2	82.2
83	84.0	57.7	107.1
85	55.3	37.0	68.6

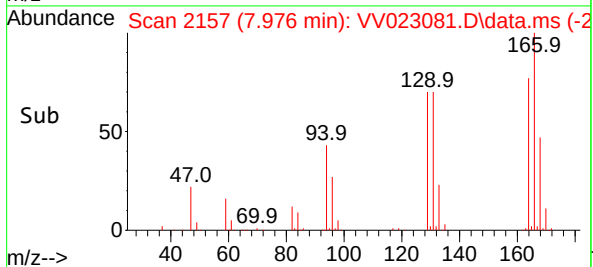
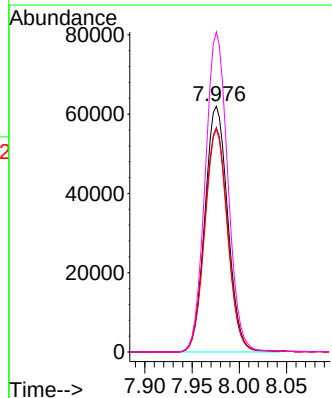
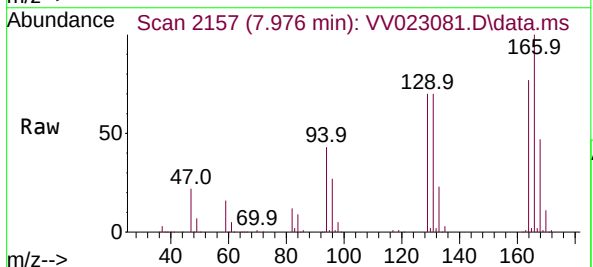


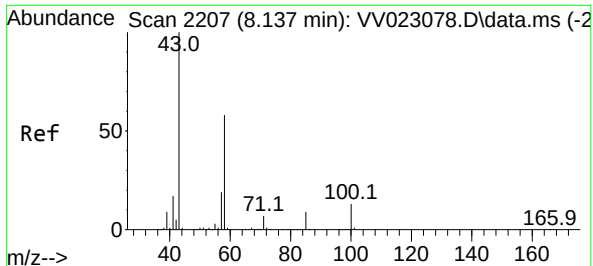
#46

Tetrachloroethene
Concen: 49.180 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 164 Resp: 104605

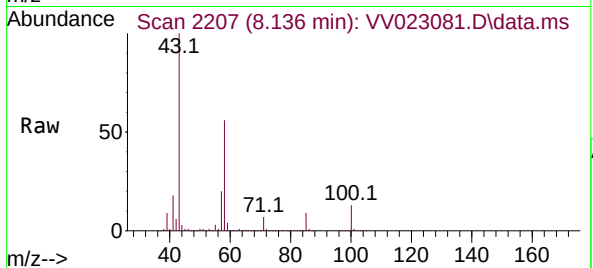
Ion	Ratio	Lower	Upper
164	100		
129	91.3	64.6	120.0
131	90.7	62.9	116.7
166	130.2	88.4	164.2





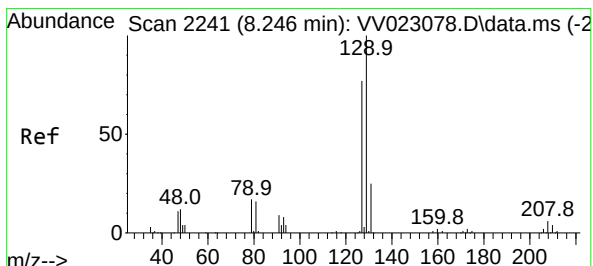
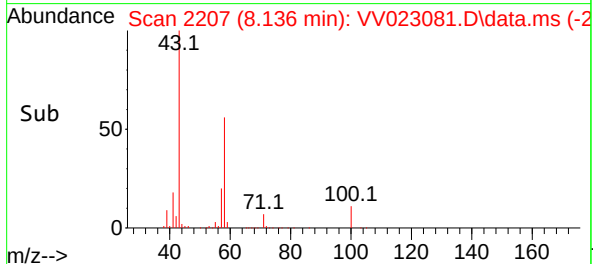
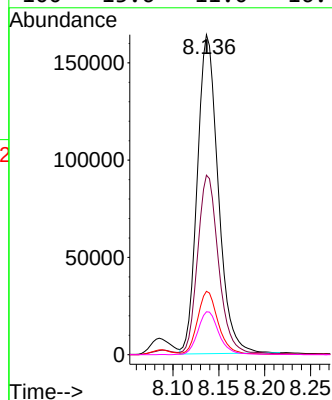
#48
2-Hexanone
Concen: 102.375 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 43 Resp: 260115

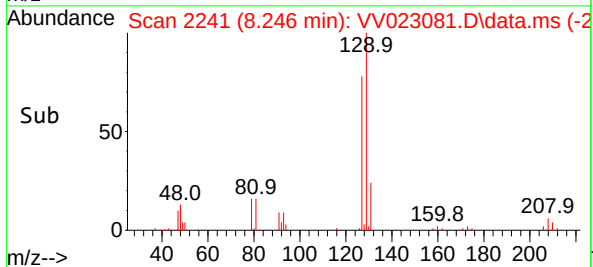
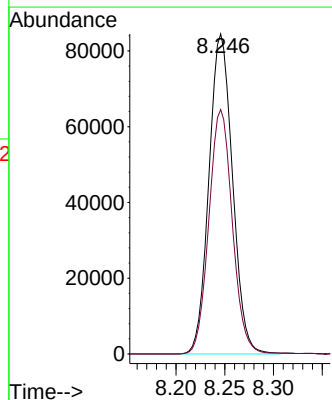
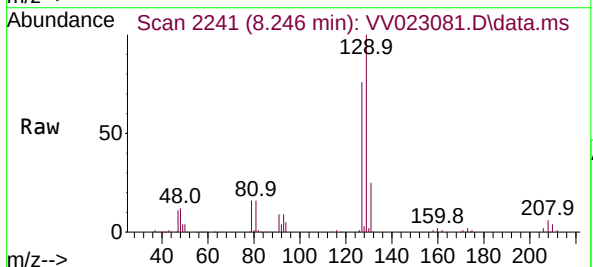
Ion	Ratio	Lower	Upper
43	100		
58	56.1	45.6	68.4
57	19.8	15.4	23.0
100	13.6	11.0	16.4

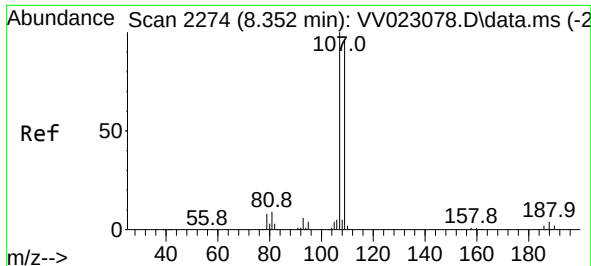


#49
Dibromochloromethane
Concen: 49.064 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 129 Resp: 142036

Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.9	100.1





#50

1,2-Dibromoethane

Concen: 49.075 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

Tgt Ion:107 Resp: 130955

Ion Ratio Lower Upper

107 100

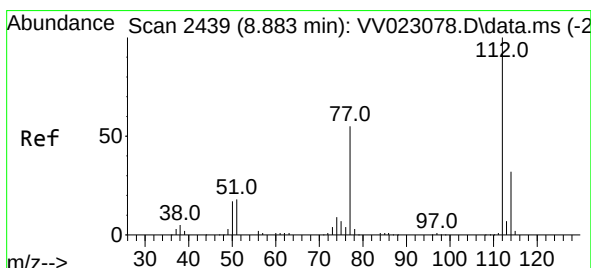
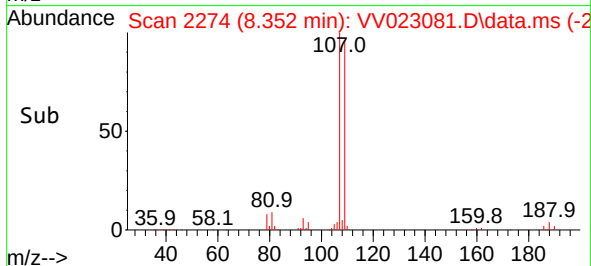
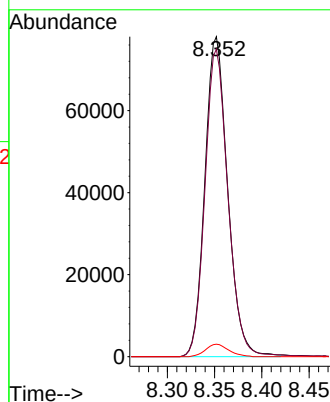
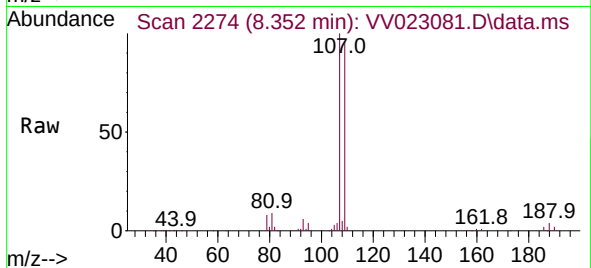
109 96.1 67.3 124.9

188 3.9 3.3 4.9

Instrument :

MSVOA_V

ClientSampleId :



#51

Chlorobenzene

Concen: 49.371 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

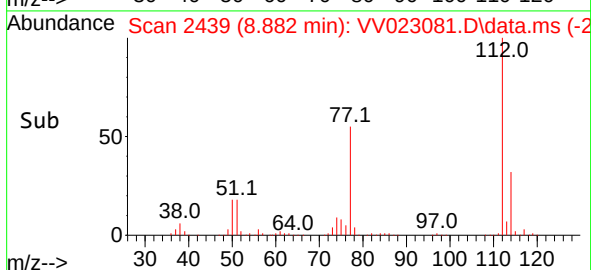
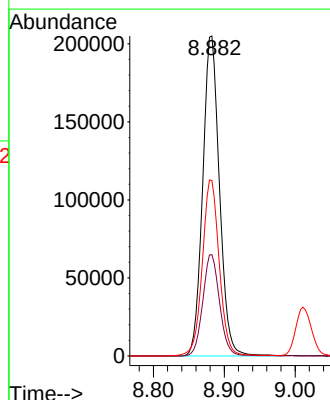
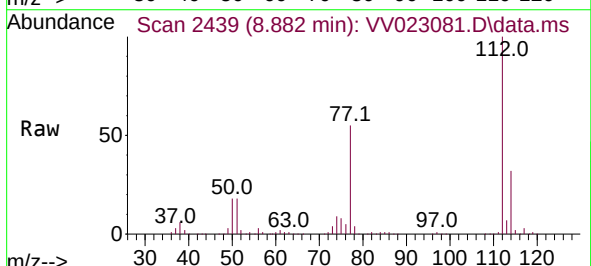
Tgt Ion:112 Resp: 336982

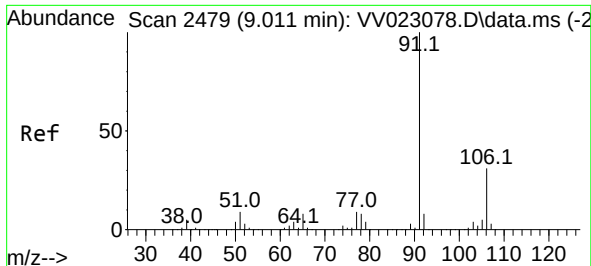
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 54.9 44.6 67.0

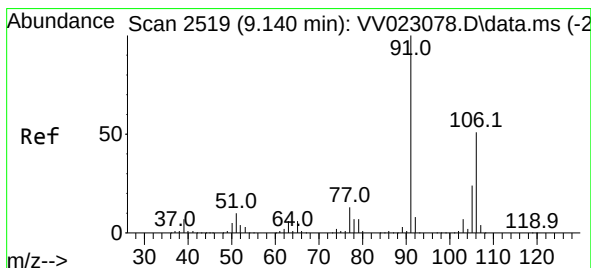
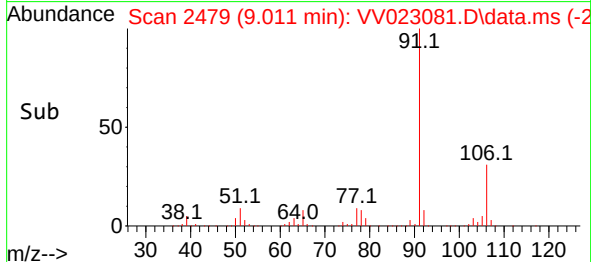
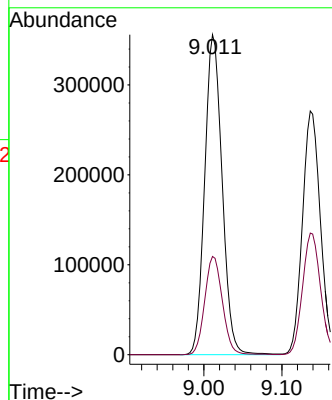
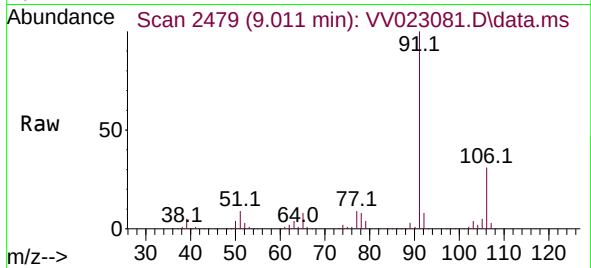




#52
Ethylbenzene
Concen: 51.446 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

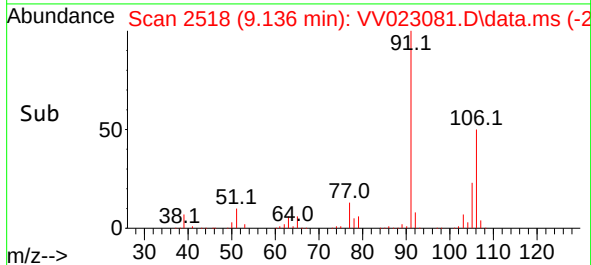
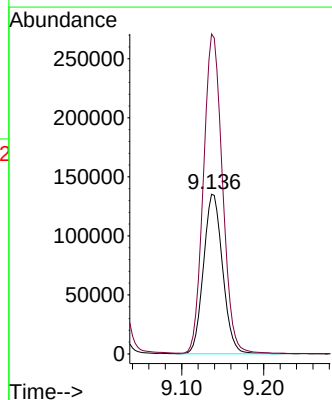
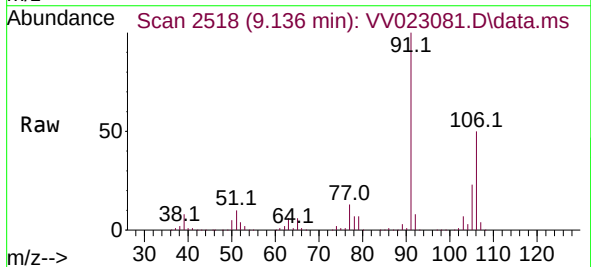
Instrument :
MSVOA_V
ClientSampled :

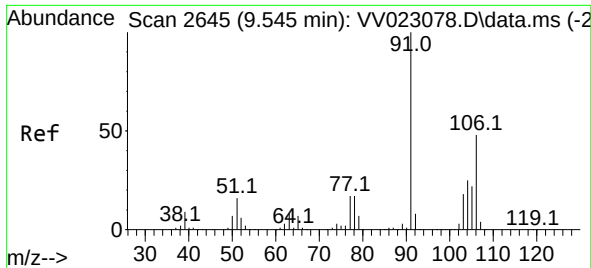
Tgt Ion: 91 Resp: 553098
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4



#53
m,p-Xylene
Concen: 52.655 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 106 Resp: 218215
Ion Ratio Lower Upper
106 100
91 200.3 137.3 254.9

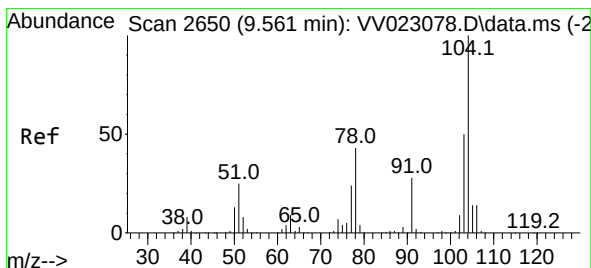
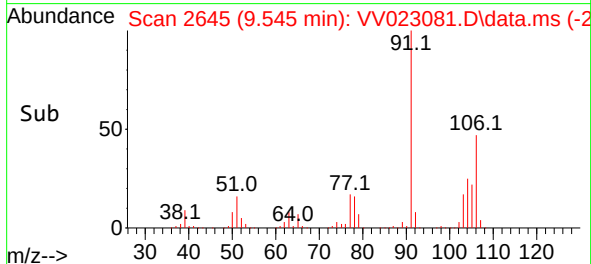
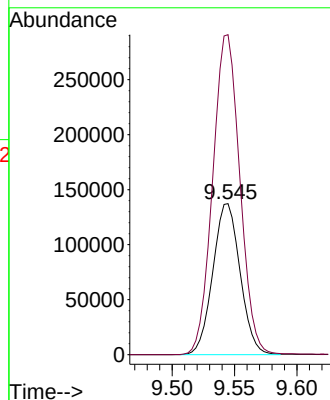
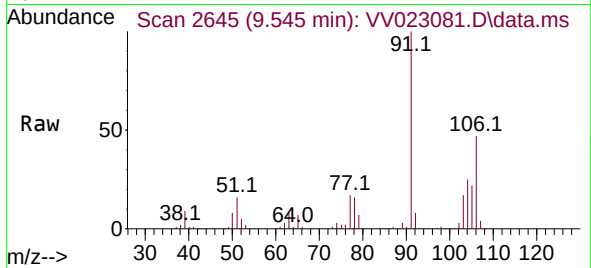




#54
o-Xylene
Concen: 51.858 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

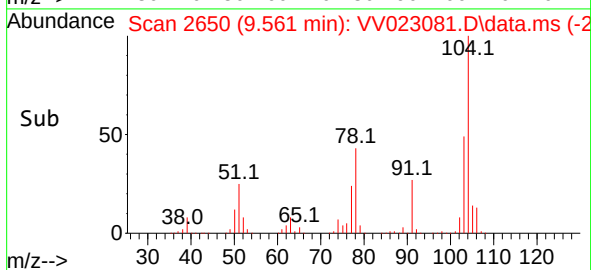
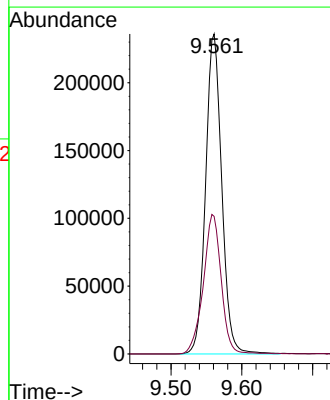
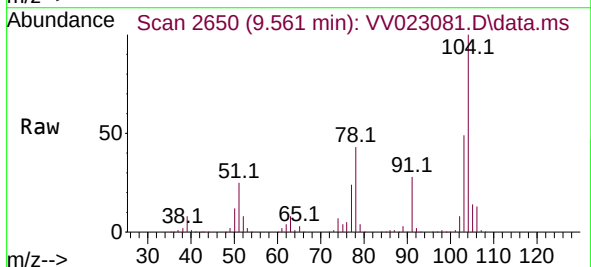
Instrument :
MSVOA_V
ClientSampleId :

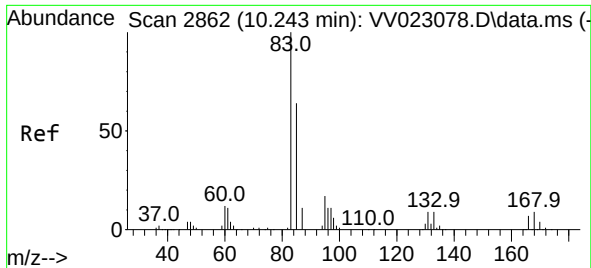
Tgt Ion:106 Resp: 209177
Ion Ratio Lower Upper
106 100
91 211.9 145.0 269.4



#55
Styrene
Concen: 53.285 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion:104 Resp: 373572
Ion Ratio Lower Upper
104 100
78 43.0 29.8 55.4

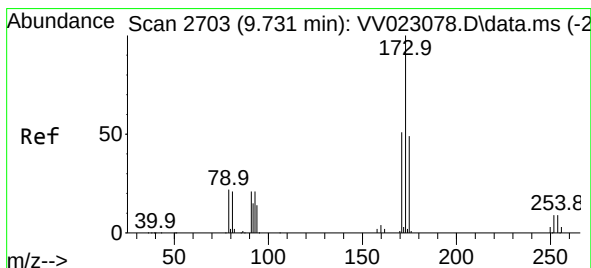
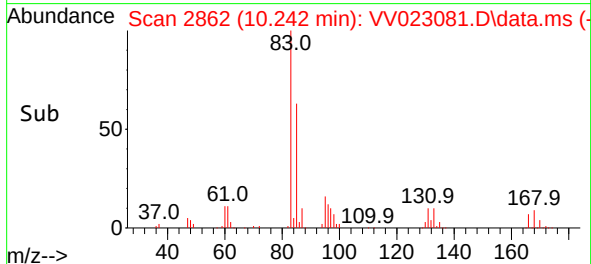
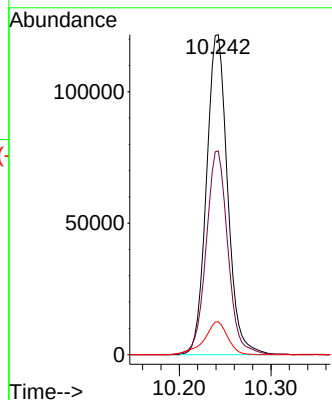
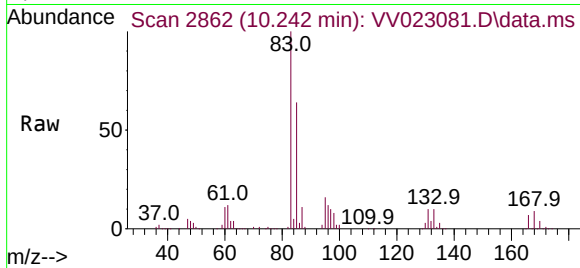




#57
1,1,2,2-Tetrachloroethane
Concen: 48.151 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

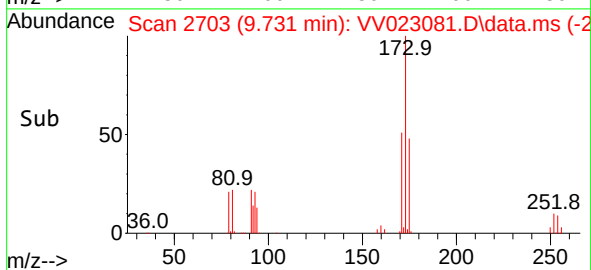
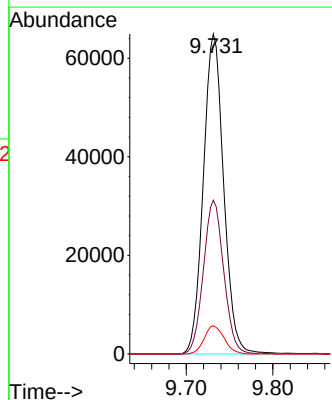
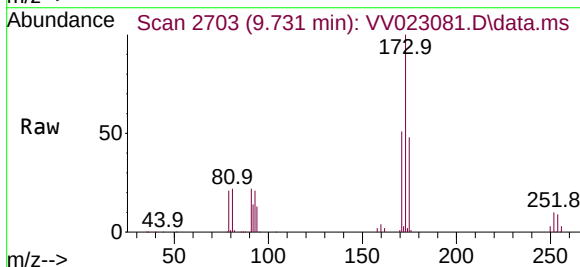
Instrument :
MSVOA_V
ClientSampled :

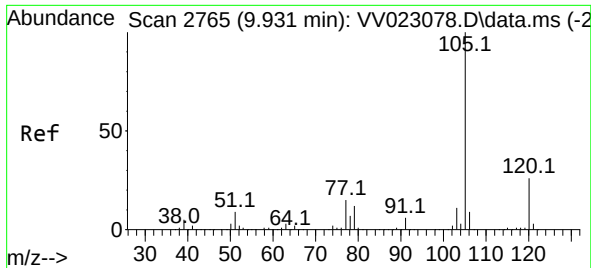
Tgt Ion: 83 Resp: 194543
Ion Ratio Lower Upper
83 100
85 63.6 44.7 83.1
131 10.3 7.8 11.8



#59
Bromoform
Concen: 49.567 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 173 Resp: 105866
Ion Ratio Lower Upper
173 100
175 47.9 39.3 58.9
254 8.6 7.2 10.8

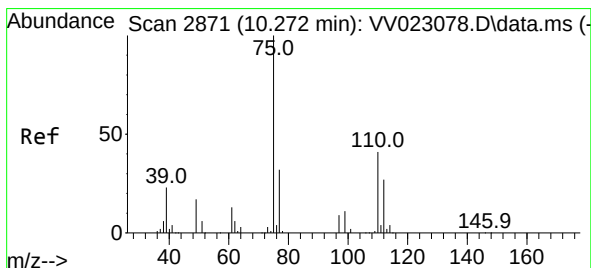
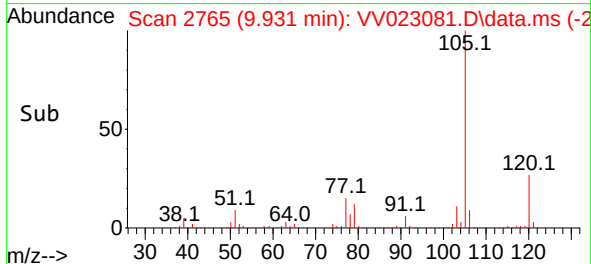
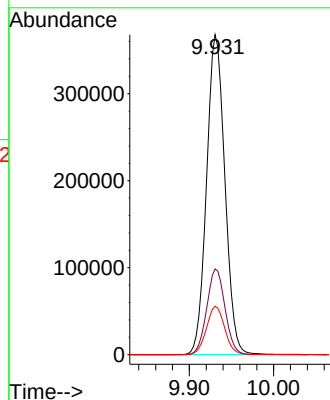
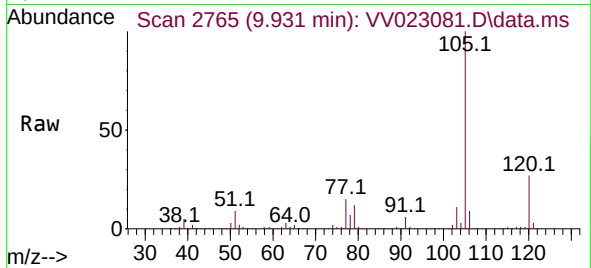




#60
Isopropylbenzene
Concen: 51.491 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

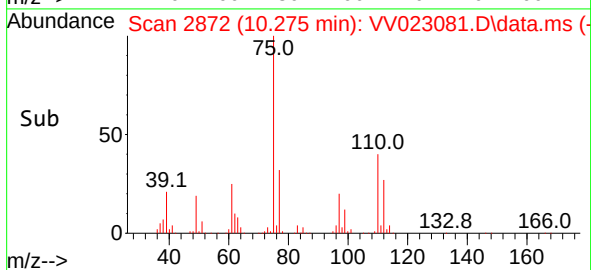
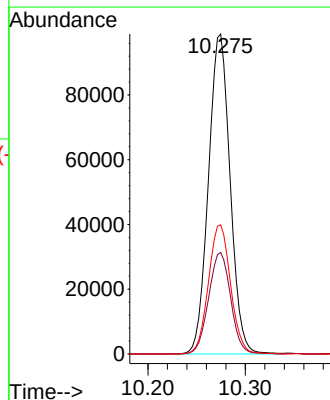
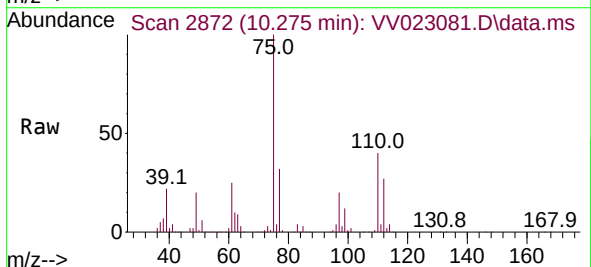
Instrument :
MSVOA_V
ClientSampleId :

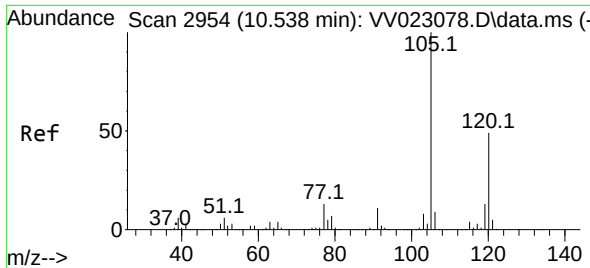
Tgt Ion:105 Resp: 555437
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.329 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 75 Resp: 152940
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 41.3 33.1 49.7

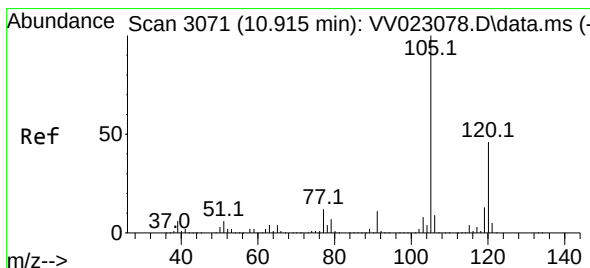
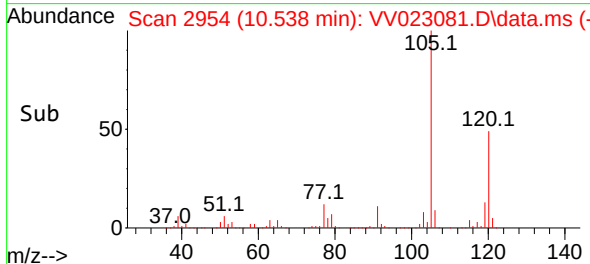
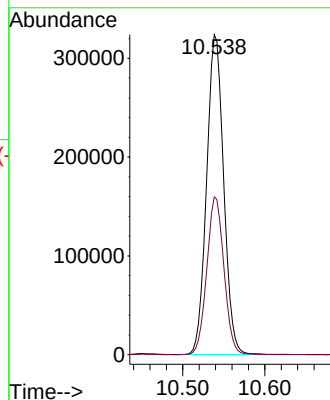
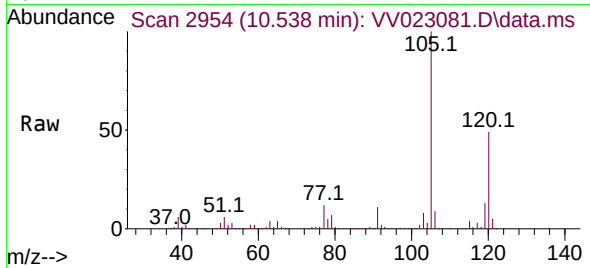




#62
1,3,5-Trimethylbenzene
Concen: 52.840 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

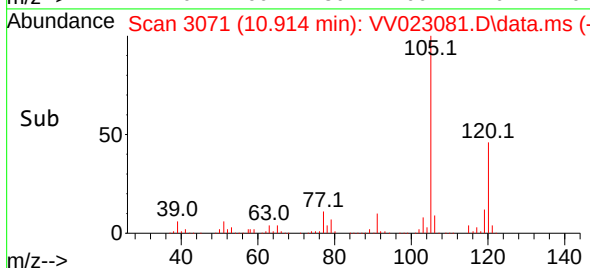
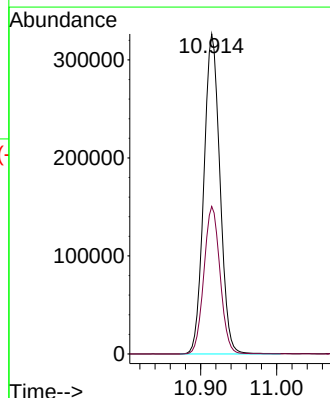
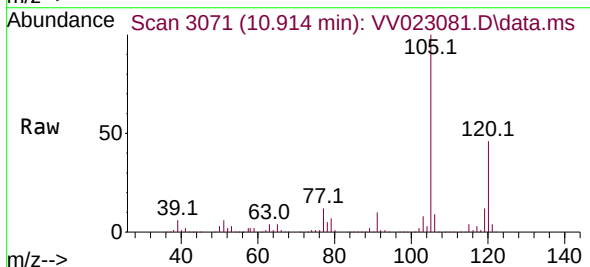
Instrument :
MSVOA_V
ClientSampled :

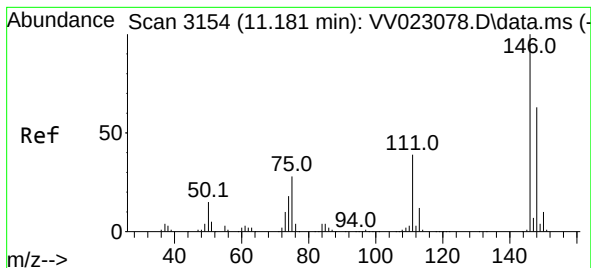
Tgt Ion:105 Resp: 469445
Ion Ratio Lower Upper
105 100
120 49.6 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 53.761 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion:105 Resp: 479487
Ion Ratio Lower Upper
105 100
120 46.2 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 50.251 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

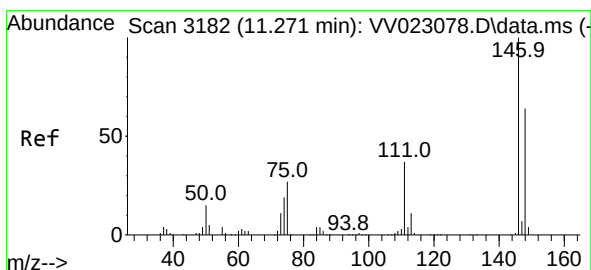
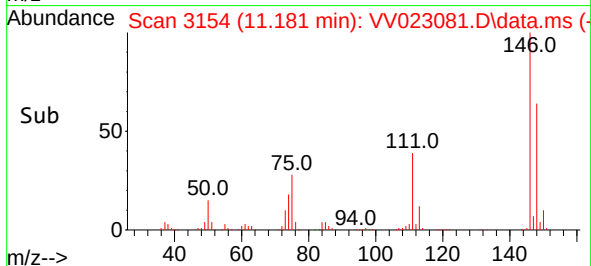
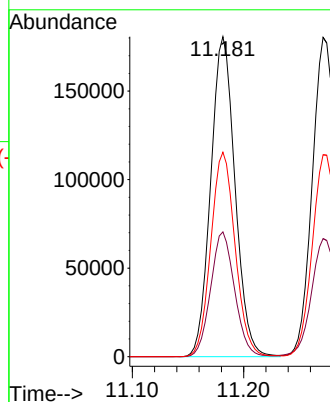
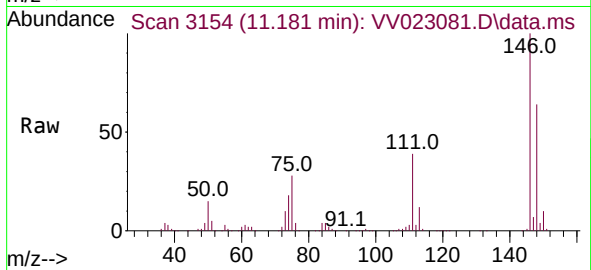
Tgt Ion:146 Resp: 274033

Ion Ratio Lower Upper

146 100

111 39.0 27.3 50.7

148 63.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 48.992 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV023081.D

Acq: 28 Oct 2021 17:43

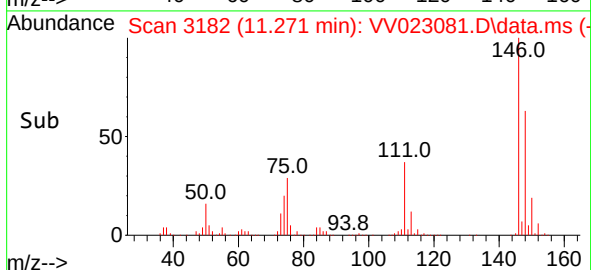
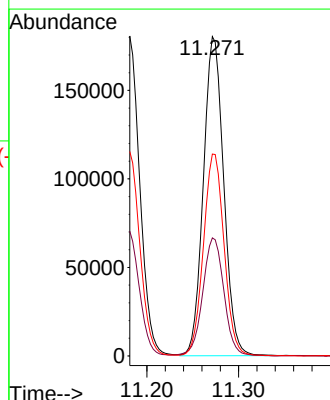
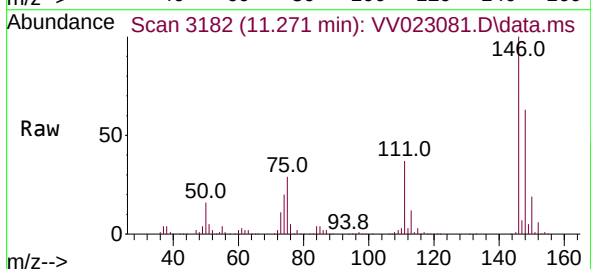
Tgt Ion:146 Resp: 278275

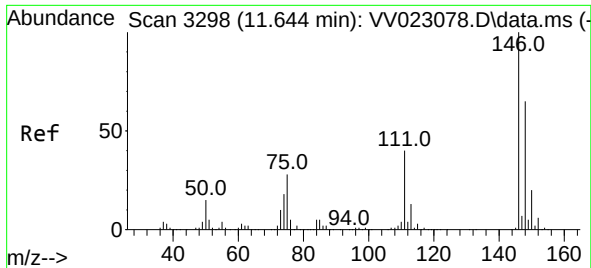
Ion Ratio Lower Upper

146 100

111 37.0 26.0 48.2

148 63.2 44.7 82.9

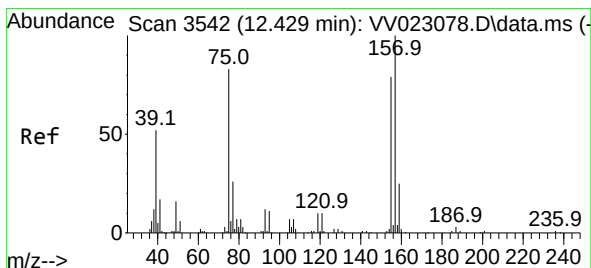
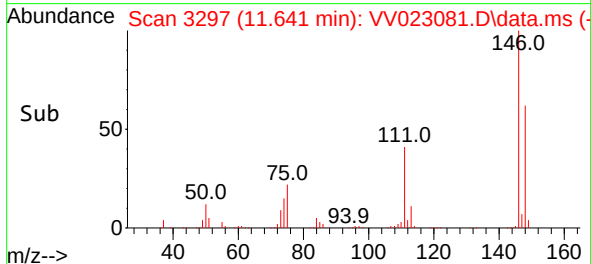
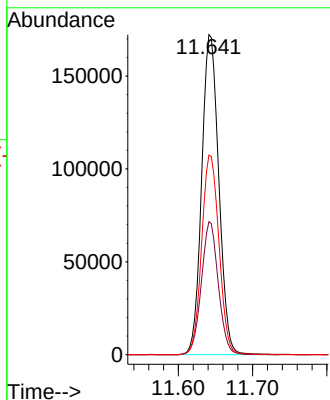
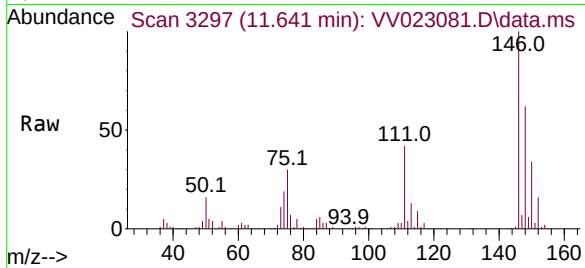




#67
1,2-Dichlorobenzene
Concen: 49.954 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

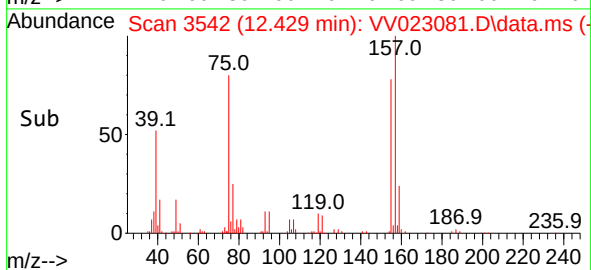
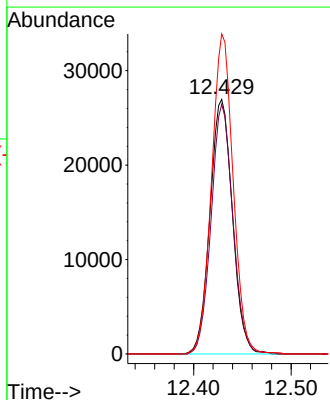
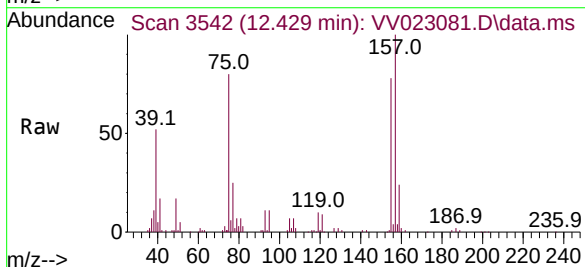
Instrument :
MSVOA_V
ClientSampled :

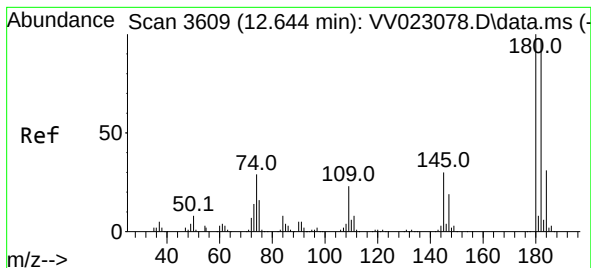
Tgt Ion:146 Resp: 275451
Ion Ratio Lower Upper
146 100
111 41.5 32.2 48.2
148 62.3 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 48.849 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion: 75 Resp: 43144
Ion Ratio Lower Upper
75 100
155 98.1 75.7 113.5
157 125.7 96.4 144.6

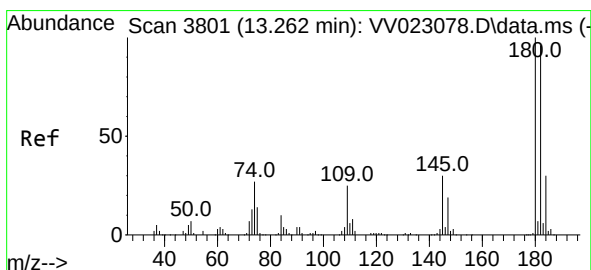
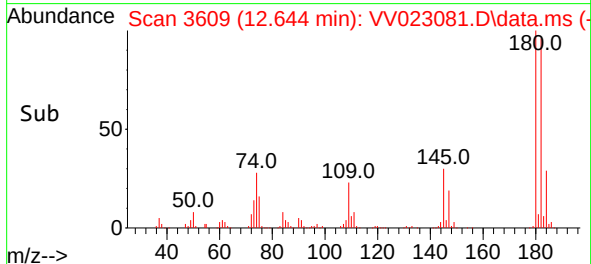
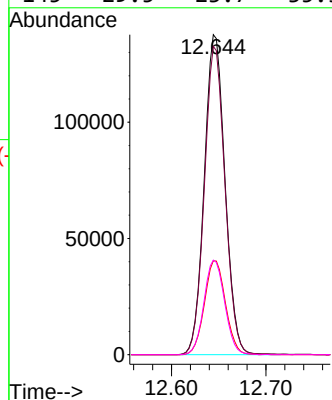
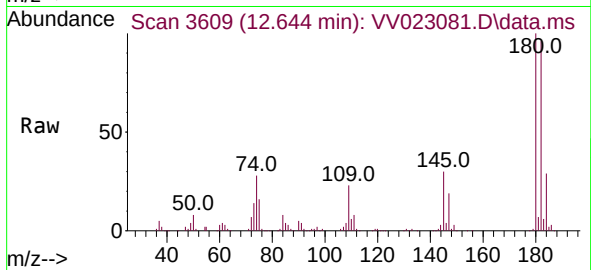




#69
1,3,5-Trichlorobenzene
Concen: 50.897 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

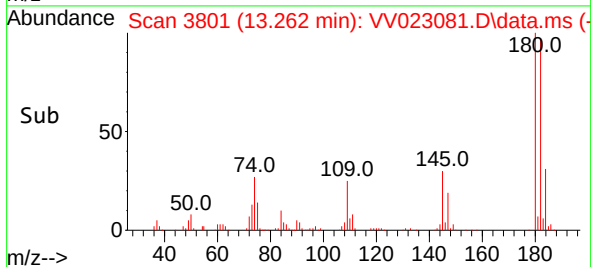
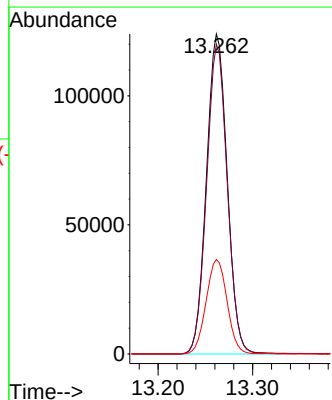
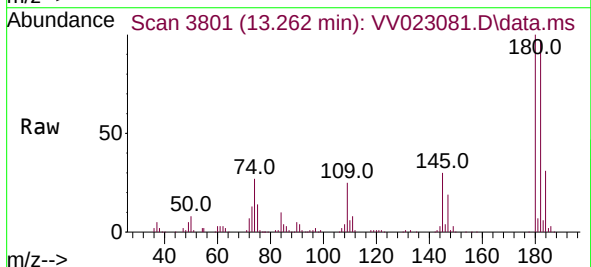
Instrument :
MSVOA_V
ClientSampleId :

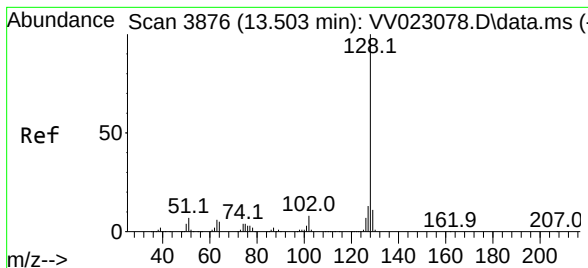
Tgt Ion:180 Resp: 209934
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
184 29.8 24.6 36.8
145 29.5 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 52.895 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion:180 Resp: 189085
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
145 29.9 23.8 35.6

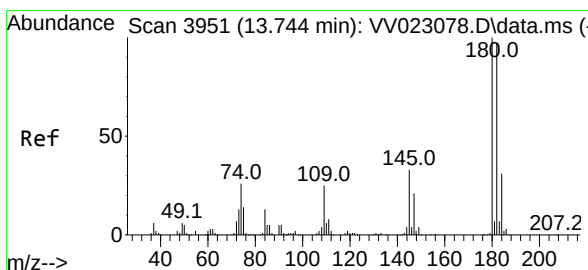
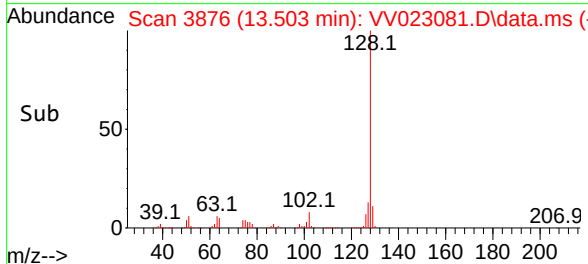
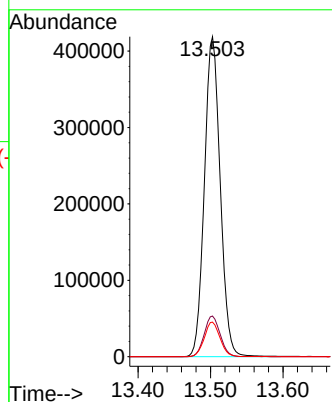
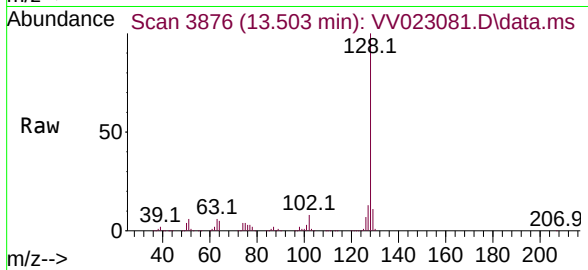




#71
Naphthalene
Concen: 55.306 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 634761
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.661 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023081.D
Acq: 28 Oct 2021 17:43

Tgt Ion:180 Resp: 198986
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.4
145 31.9 26.4 39.6

