

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022450.D
 Acq On : 30 Sep 2021 22:54
 Operator : SY/MD
 Sample : M3979-14DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A09DL

Quant Time: Oct 01 04:46:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

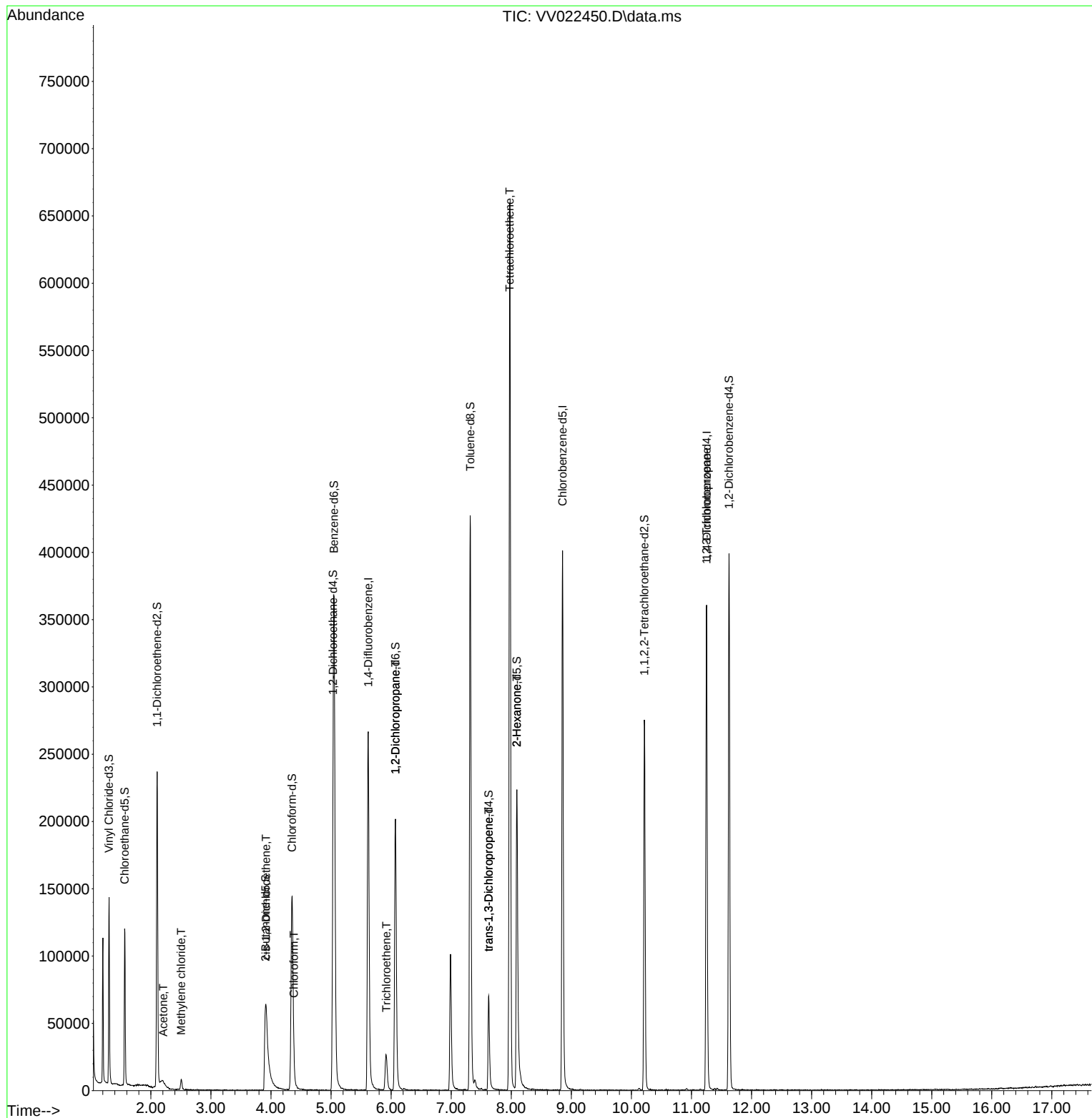
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	238678	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	230635	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87141	43.021	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.040%		
7) Chloroethane-d5	1.564	69	70922	44.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.540%		
11) 1,1-Dichloroethene-d2	2.105	63	122207	34.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.400%		
21) 2-Butanone-d5	3.908	46	125859	88.044	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.040%		
24) Chloroform-d	4.352	84	154263	42.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.360%		
26) 1,2-Dichloroethane-d4	5.034	65	96440	42.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.000%		
32) Benzene-d6	5.050	84	322689	44.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.940%		
36) 1,2-Dichloropropane-d6	6.072	67	103201	44.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.920%		
41) Toluene-d8	7.317	98	280380	42.220	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.440%		
43) trans-1,3-Dichloroprop...	7.625	79	41437	39.094	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.180%		
47) 2-Hexanone-d5	8.091	63	82501	87.471	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.470%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	132995	39.471	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.940%		
66) 1,2-Dichlorobenzene-d4	11.625	152	106040	47.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.200%		
Target Compounds					Qvalue	
13) Acetone	2.204	43	5479	4.883	ug/L	66
16) Methylene chloride	2.506	84	3287	1.502	ug/L	89
20) cis-1,2-Dichloroethene	3.915	96	9531	4.943	ug/L	92
25) Chloroform	4.381	83	3935	1.169	ug/L	97
34) Trichloroethene	5.921	95	7746	4.279	ug/L	97
37) 1,2-Dichloropropane	6.072	63	11148	6.172	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1757	0.692	ug/L #	80
46) Tetrachloroethene	7.976	164	150175	100.765	ug/L	96
48) 2-Hexanone	8.091	43	9260	4.797	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	10667	5.647	ug/L #	63

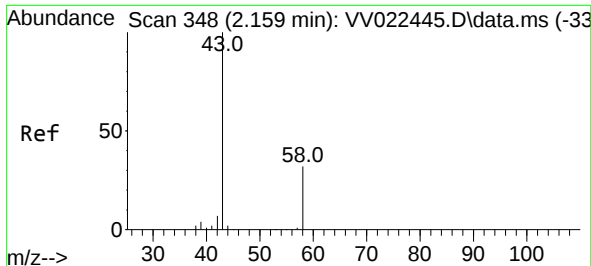
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022450.D
Acq On : 30 Sep 2021 22:54
Operator : SY/MD
Sample : M3979-14DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A09DL

Quant Time: Oct 01 04:46:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 01 04:27:45 2021
Response via : Initial Calibration

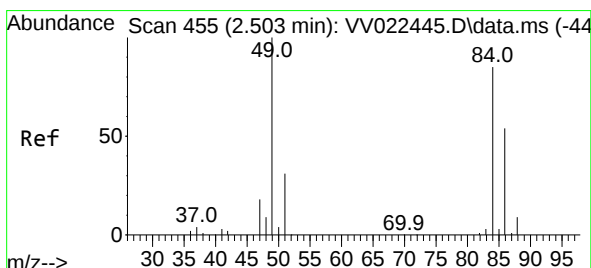
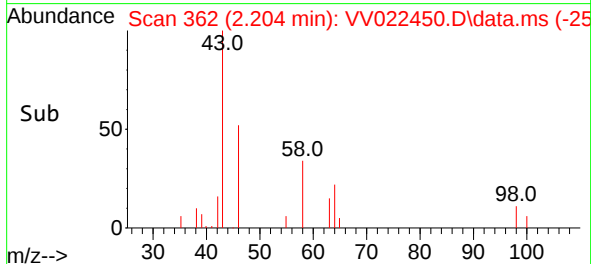
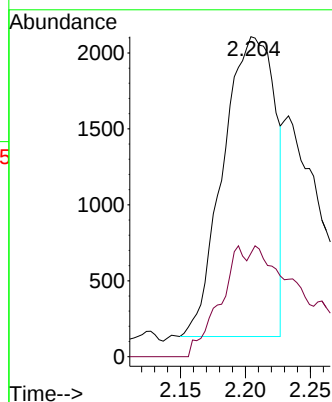
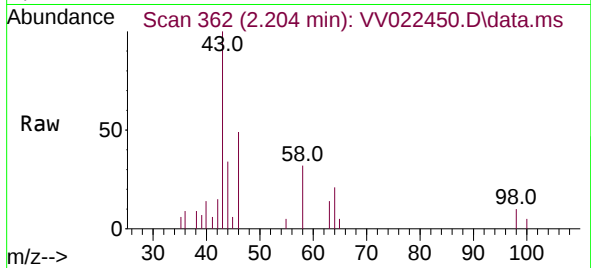




#13
Acetone
Concen: 4.883 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.045 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

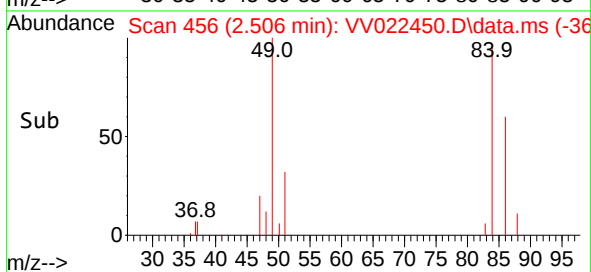
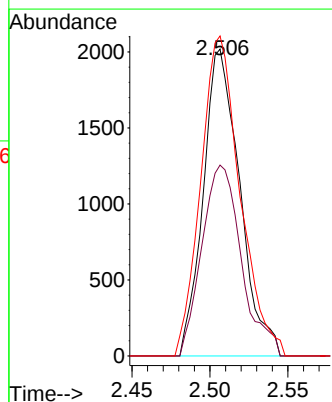
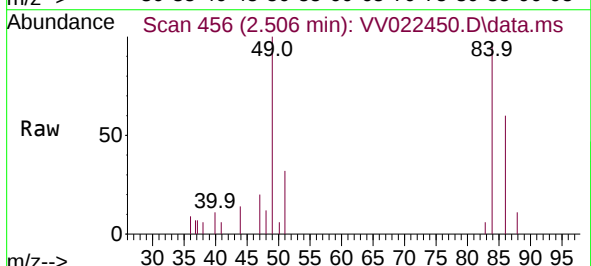
Instrument :
MSVOA_V
ClientSampleId :
F4A09DL

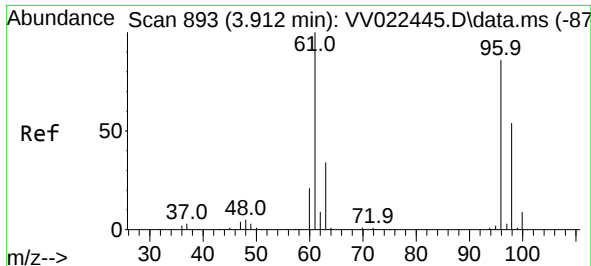
Tgt Ion: 43 Resp: 5479
Ion Ratio Lower Upper
43 100
58 14.2 0.0 67.2



#16
Methylene chloride
Concen: 1.502 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

Tgt Ion: 84 Resp: 3287
Ion Ratio Lower Upper
84 100
86 62.2 44.6 82.8
49 104.3 85.3 158.3

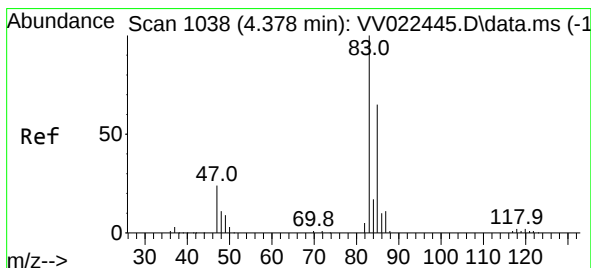
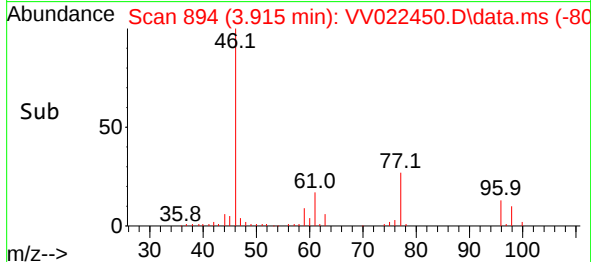
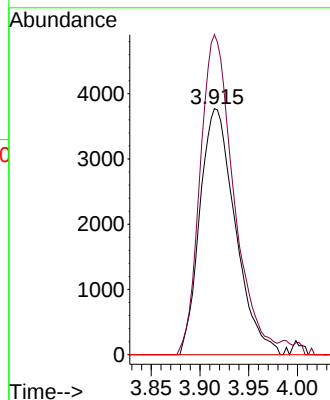
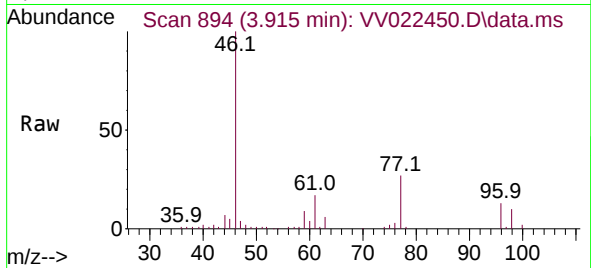




#20
 cis-1,2-Dichloroethene
 Concen: 4.943 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV022450.D
 Acq: 30 Sep 2021 22:54

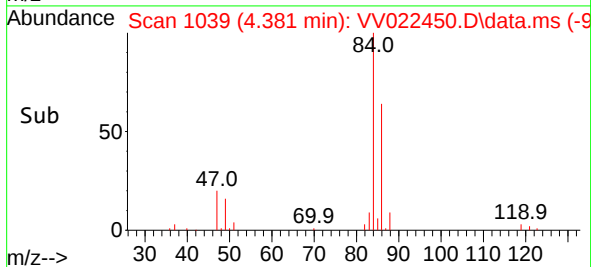
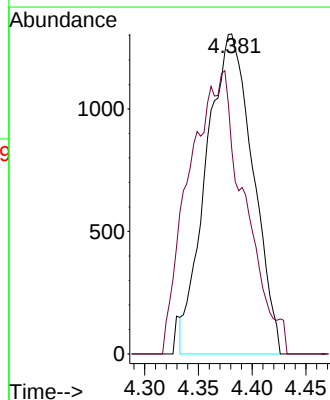
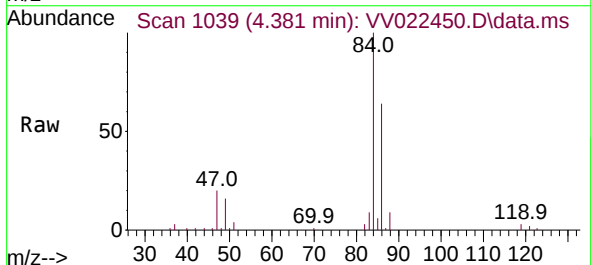
Instrument :
 MSVOA_V
 ClientSampleId :
 F4A09DL

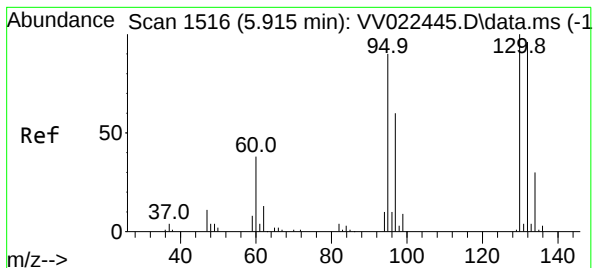
Tgt Ion: 96 Resp: 9531
 Ion Ratio Lower Upper
 96 100
 61 130.0 84.6 157.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.169 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.003 min
 Lab File: VV022450.D
 Acq: 30 Sep 2021 22:54

Tgt Ion: 83 Resp: 3935
 Ion Ratio Lower Upper
 83 100
 85 64.2 46.5 86.3





#34

Trichloroethene

Concen: 4.279 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV022450.D

Acq: 30 Sep 2021 22:54

Tgt Ion: 95 Resp: 7746

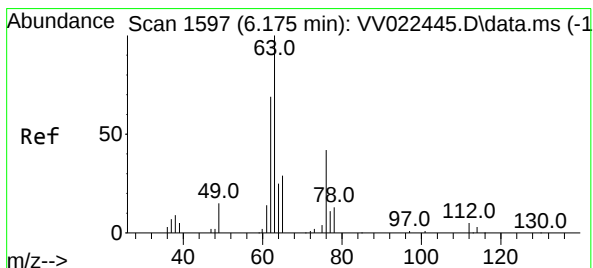
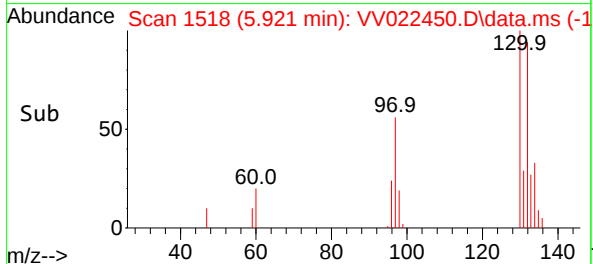
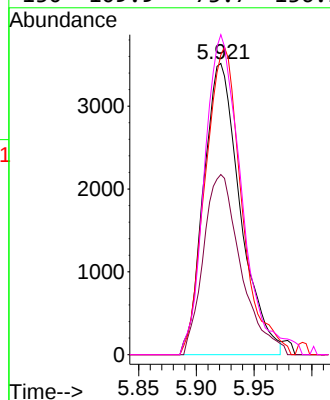
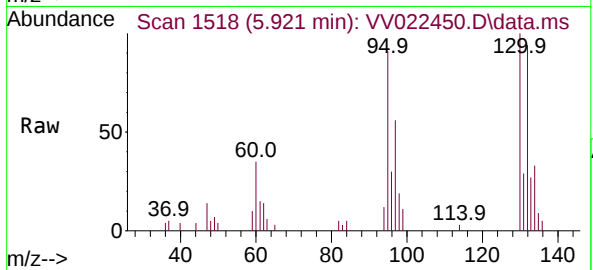
Ion Ratio Lower Upper

95 100

97 61.8 45.2 84.0

132 103.0 71.0 131.8

130 109.9 73.7 136.9



#37

1,2-Dichloropropane

Concen: 6.172 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV022450.D

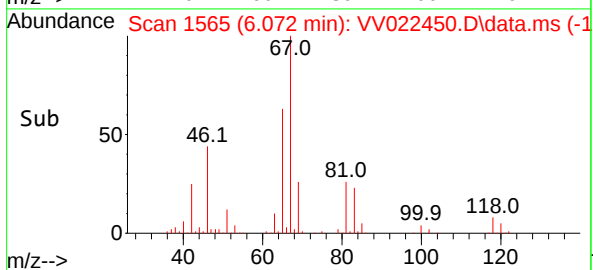
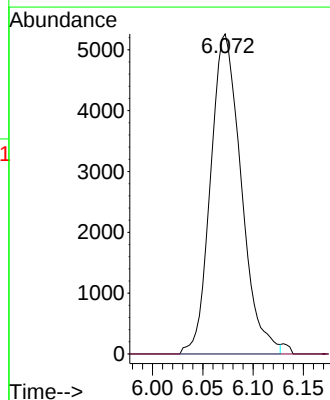
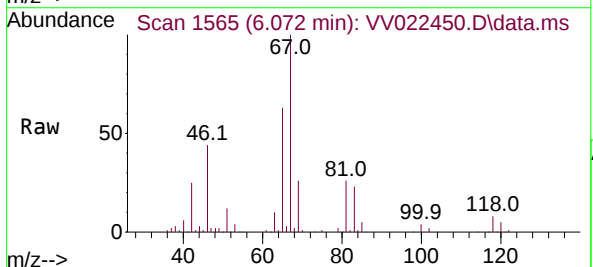
Acq: 30 Sep 2021 22:54

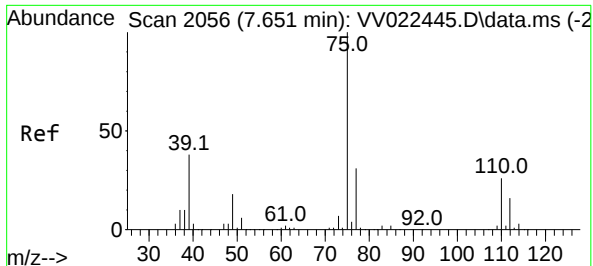
Tgt Ion: 63 Resp: 11148

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

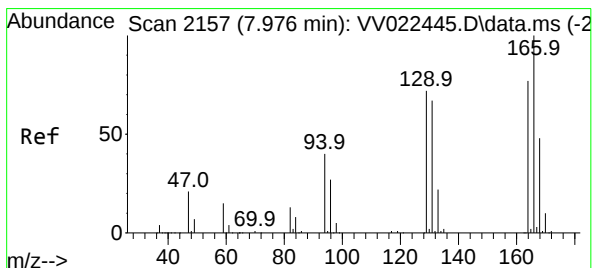
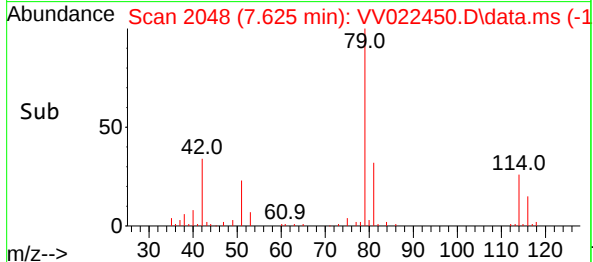
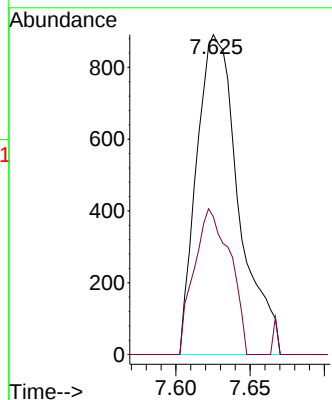
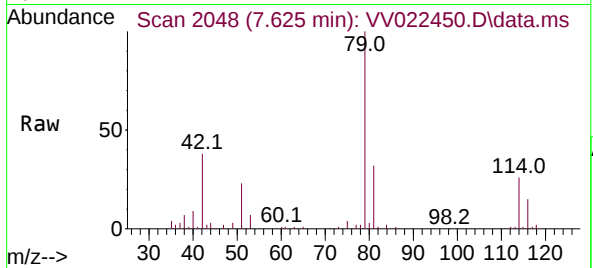




#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

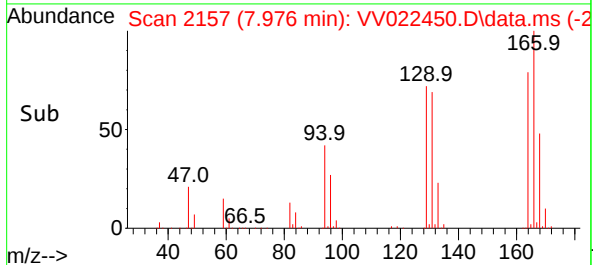
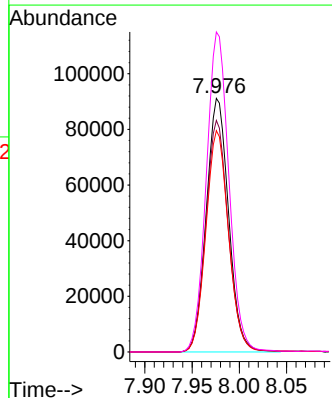
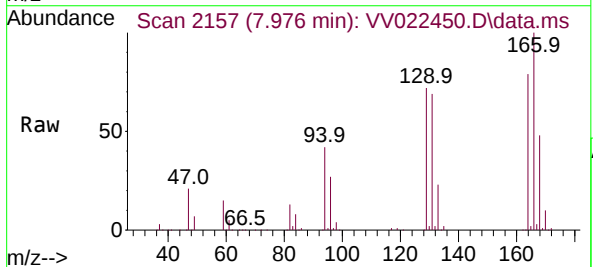
Instrument :
MSVOA_V
ClientSampled :
F4A09DL

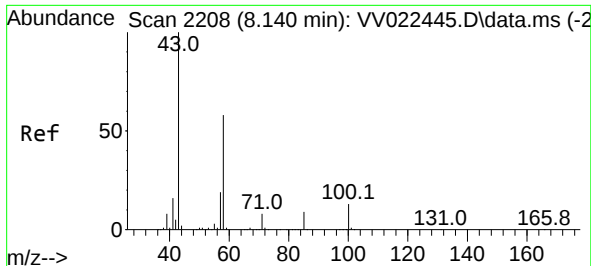
Tgt Ion: 75 Resp: 1757
Ion Ratio Lower Upper
75 100
77 43.1 22.3 41.3#



#46
Tetrachloroethene
Concen: 100.765 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

Tgt Ion:164 Resp: 150175
Ion Ratio Lower Upper
164 100
129 91.3 66.4 123.4
131 87.3 63.6 118.0
166 126.2 91.6 170.0

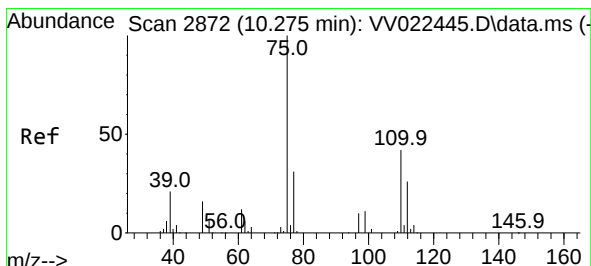
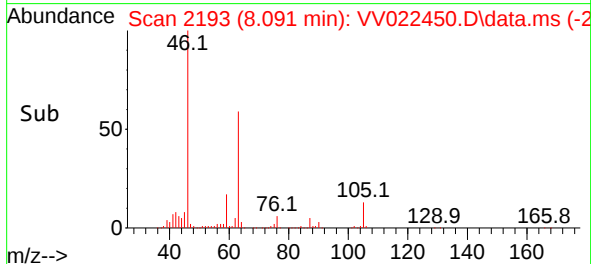
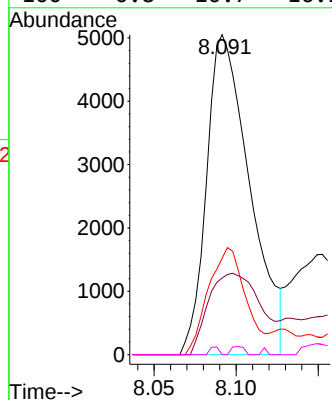
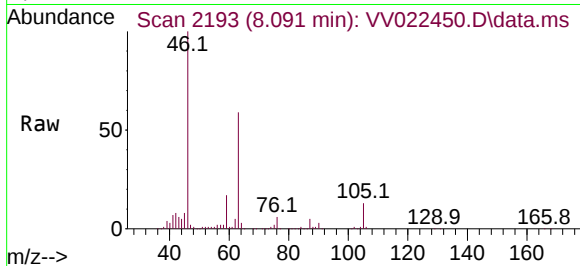




#48
2-Hexanone
Concen: 4.797 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

Instrument :
MSVOA_V
ClientSampleId :
F4A09DL

Tgt Ion: 43	Resp: 9260
Ion Ratio	Lower Upper
43 100	
58 30.2	45.4 68.2#
57 28.8	15.0 22.4#
100 0.8	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 5.647 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

Tgt Ion: 75	Resp: 10667
Ion Ratio	Lower Upper
75 100	
77 35.4	25.4 38.0
110 3.1	32.6 48.8#

