

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022769.D
 Acq On : 13 Oct 2021 18:14
 Operator : SY/MD
 Sample : M4109-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:16:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

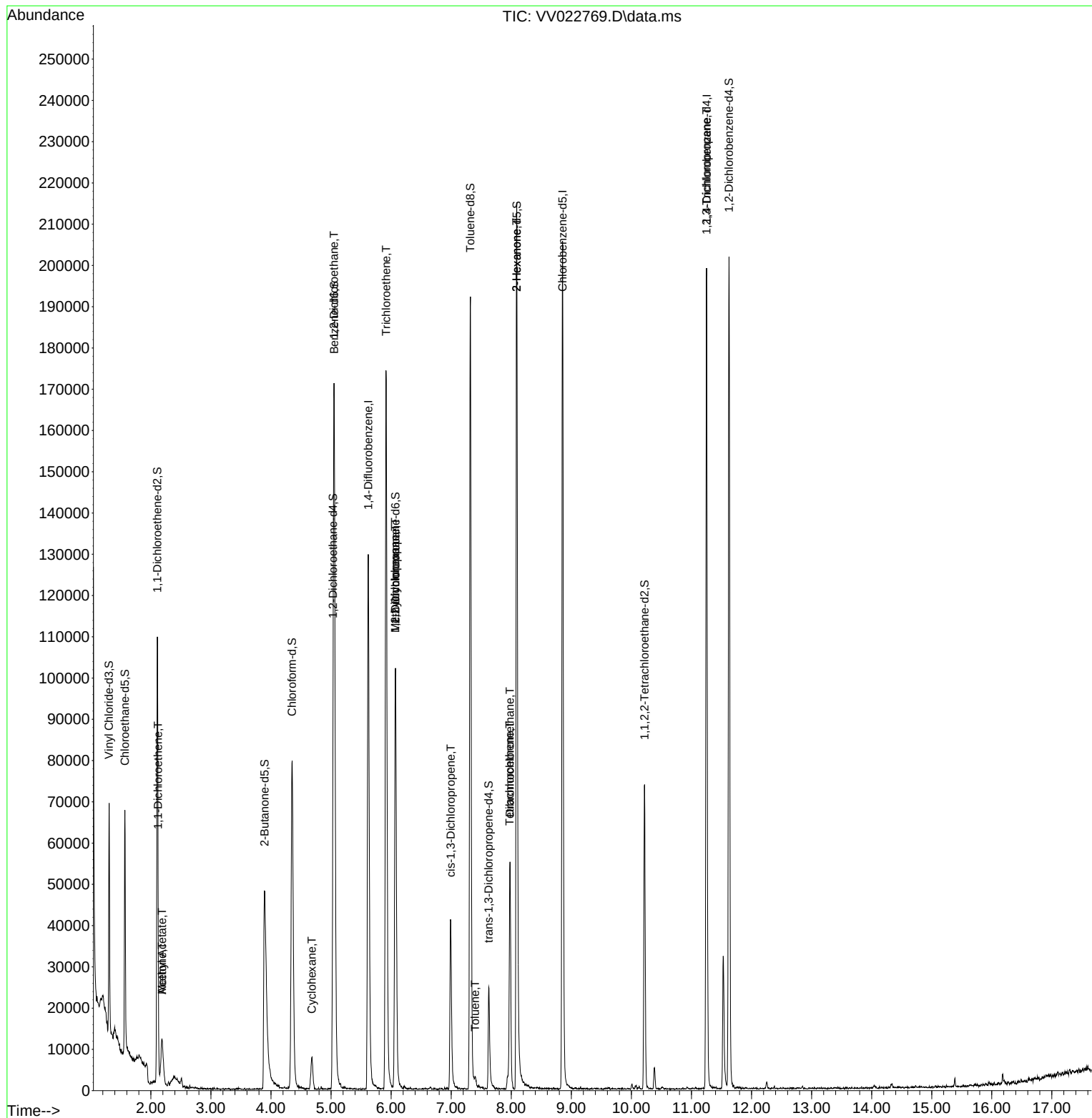
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116693	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34381	4.282	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.600%	
7) Chloroethane-d5	1.568	69	36751	5.094	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.108	63	55355	3.515	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.892	46	89665	42.593	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.180%	
24) Chloroform-d	4.352	84	83368	5.039	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.034	65	38153	4.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.053	84	157408	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.072	67	49955	4.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.320	98	129119	4.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14371	4.161	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.091	63	74694	53.668	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.340%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	35315	5.007	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54630	5.403	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	1825	0.259	ug/L #	1
13) Acetone	2.185	43	20965	17.860	ug/L #	44
15) Methyl Acetate	2.185	43	19079	5.680	ug/L #	50
27) 1,2-Dichloroethane	5.050	62	822	0.103	ug/L #	69
30) Cyclohexane	4.677	56	3499	0.281	ug/L	94
34) Trichloroethene	5.918	95	60302	6.972	ug/L	98
35) Methylcyclohexane	6.069	83	12715	1.049	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5508	0.720	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1136	0.112	ug/L #	67
42) Toluene	7.397	91	2035	0.063	ug/L	97
47) Tetrachloroethene	7.976	164	13323	1.905	ug/L	91
48) 2-Hexanone	8.088	43	8220	2.735	ug/L #	65
49) Dibromochloromethane	7.979	129	11872	1.787	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6178	1.631	ug/L #	63

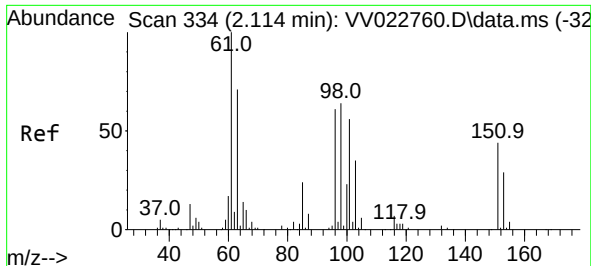
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.259 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.006 min

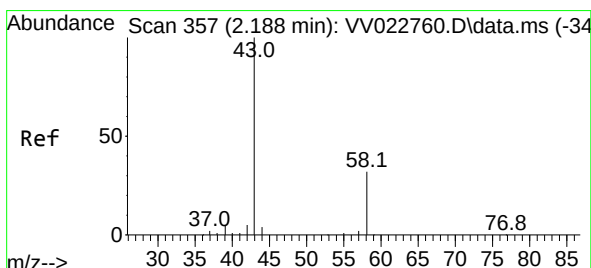
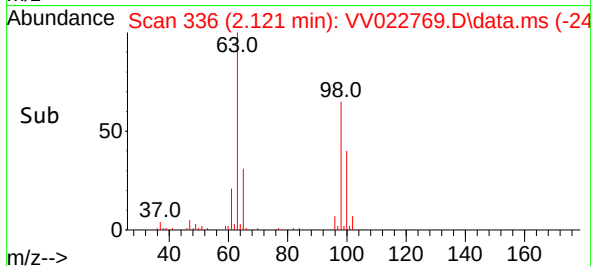
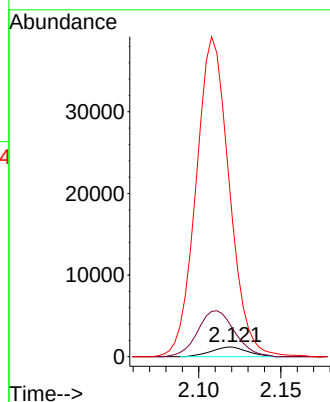
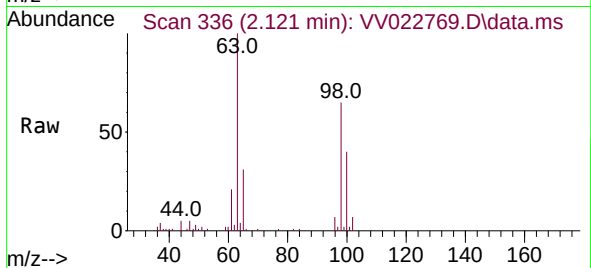
Lab File: VV022769.D

Acq: 13 Oct 2021 18:14

Tgt Ion: 96 Resp: 1825

Ion	Ratio	Lower	Upper
96	100		
61	288.6	127.3	236.5#
63	1391.7	106.2	197.2#

Instrument :
MSVOA_V
ClientSampled :



#13

Acetone

Concen: 17.860 ug/L

RT: 2.185 min Scan# 356

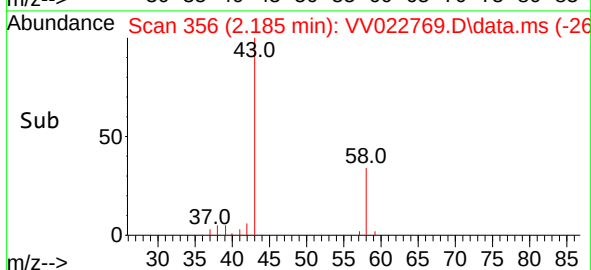
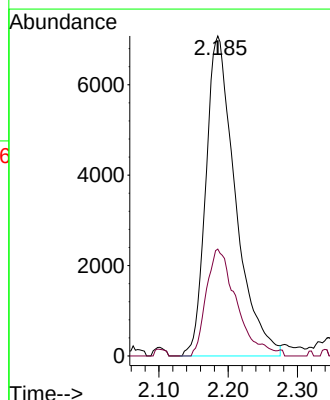
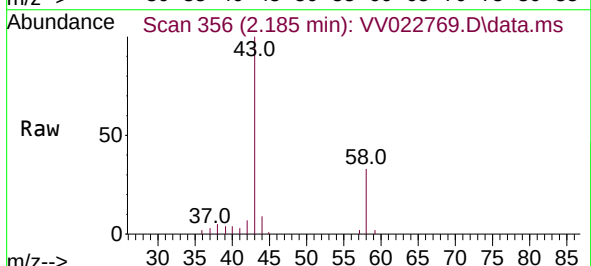
Delta R.T. -0.003 min

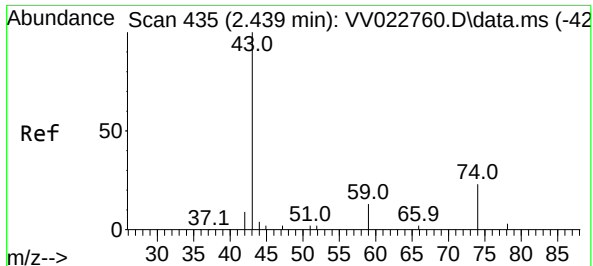
Lab File: VV022769.D

Acq: 13 Oct 2021 18:14

Tgt Ion: 43 Resp: 20965

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	24.2#

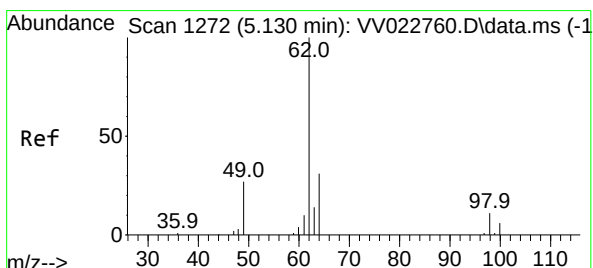
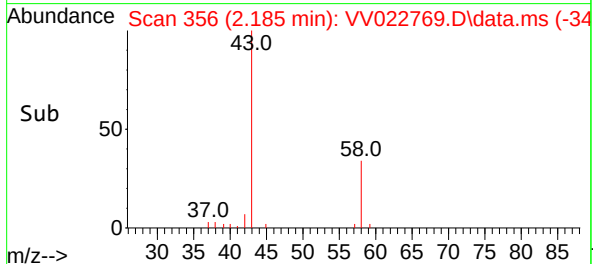
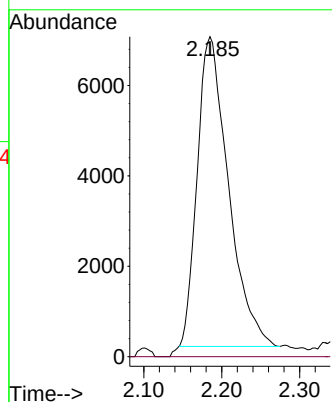
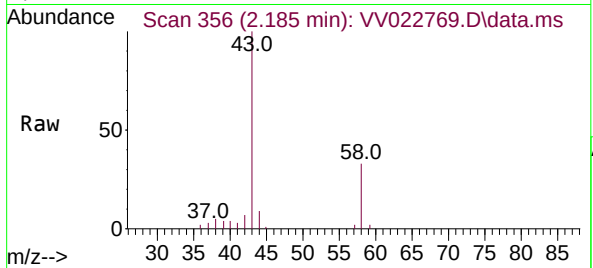




#15
Methyl Acetate
Concen: 5.680 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.254 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

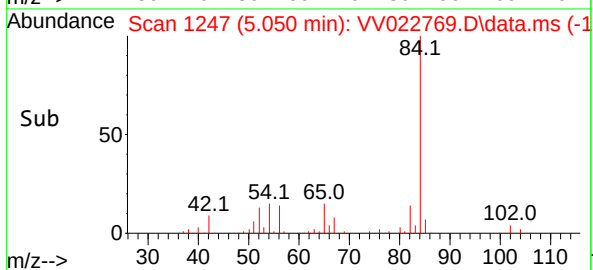
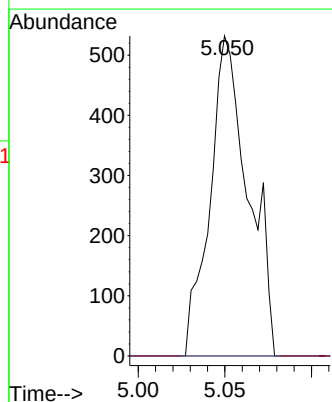
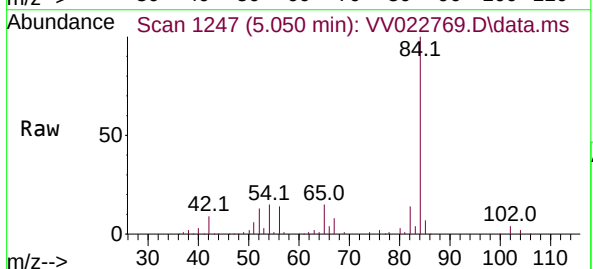
Instrument :
MSVOA_V
ClientSampleId :

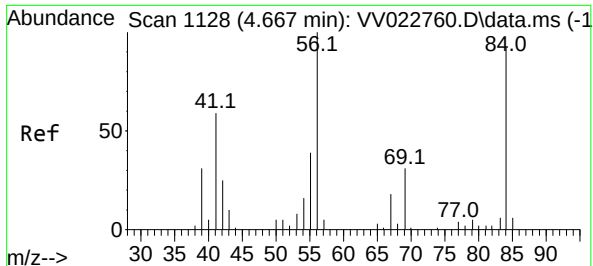
Tgt Ion: 43 Resp: 19079
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.081 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

Tgt Ion: 62 Resp: 822
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

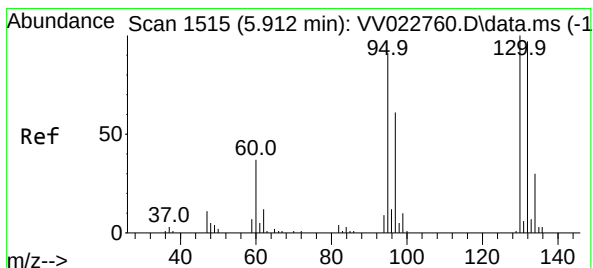
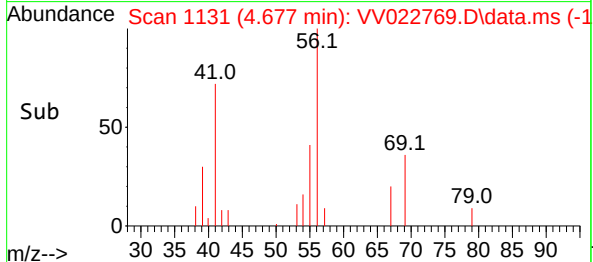
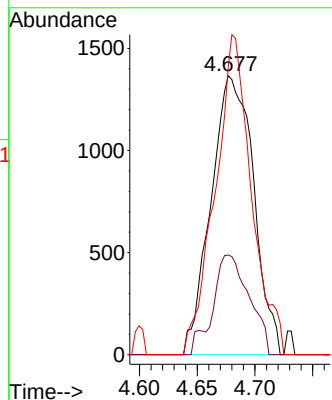
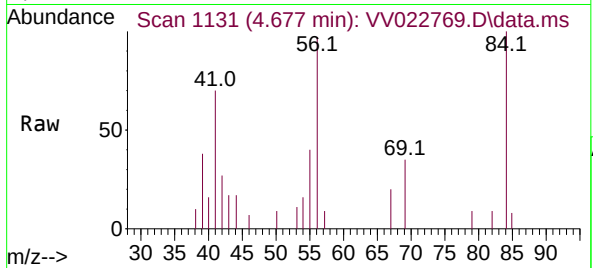




#30
Cyclohexane
Concen: 0.281 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.010 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

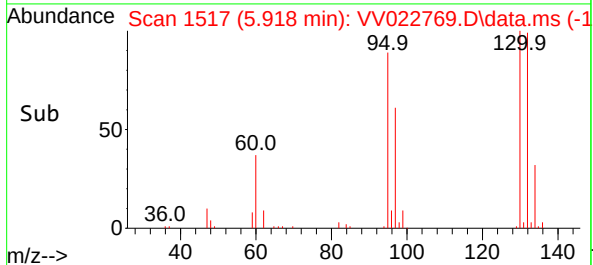
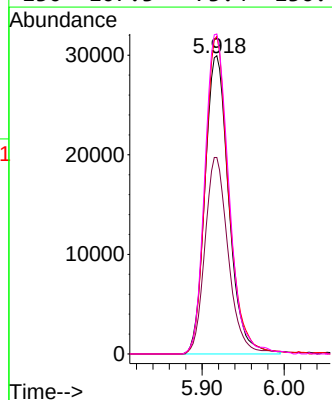
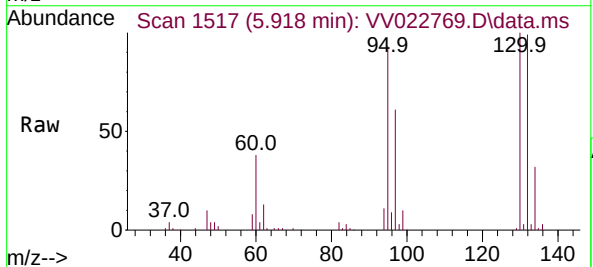
Instrument :
MSVOA_V
ClientSampled :

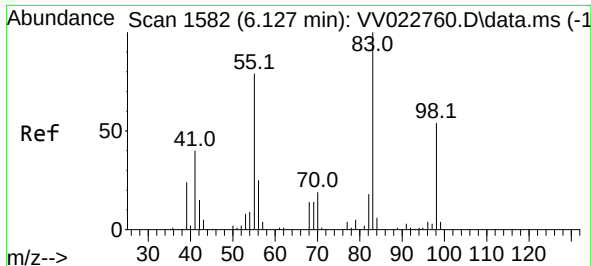
Tgt Ion: 56 Resp: 3499
Ion Ratio Lower Upper
56 100
69 30.6 24.9 37.3
84 97.9 72.5 108.7



#34
Trichloroethene
Concen: 6.972 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

Tgt Ion: 95 Resp: 60302
Ion Ratio Lower Upper
95 100
97 65.9 45.8 85.2
132 106.5 72.2 134.0
130 107.3 73.4 136.4

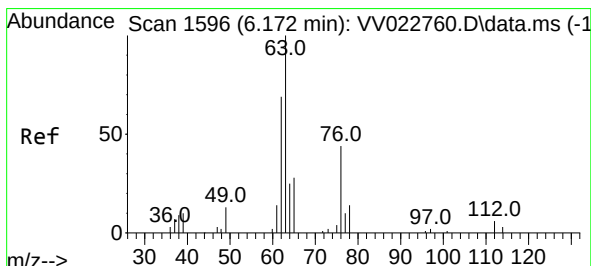
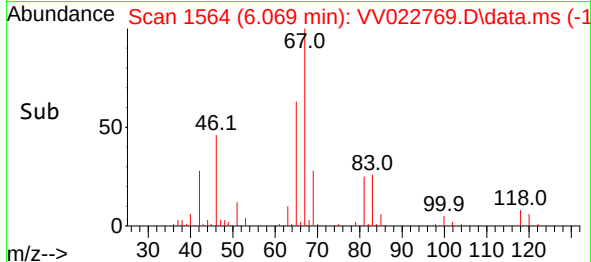
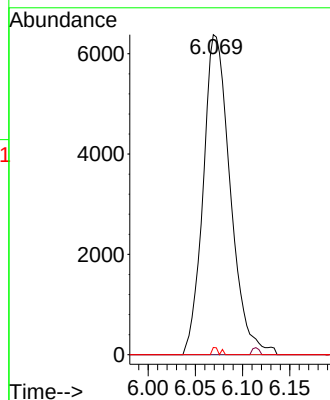
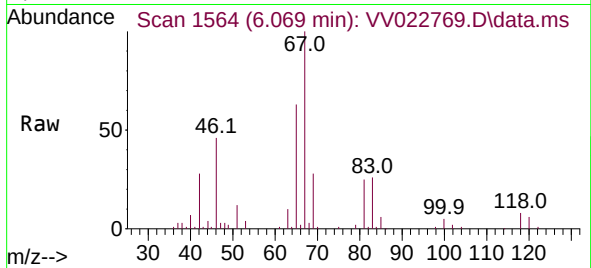




#35
Methylcyclohexane
Concen: 1.049 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

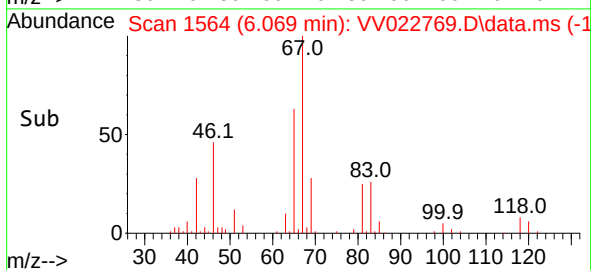
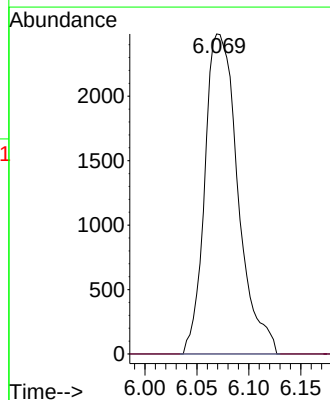
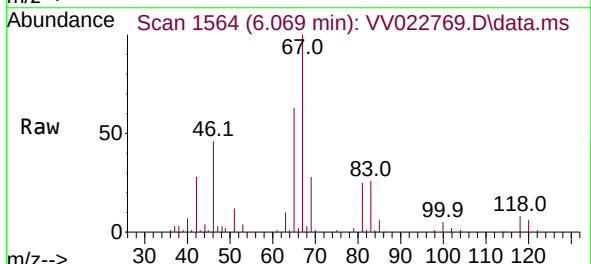
Instrument :
MSVOA_V
ClientSampled :

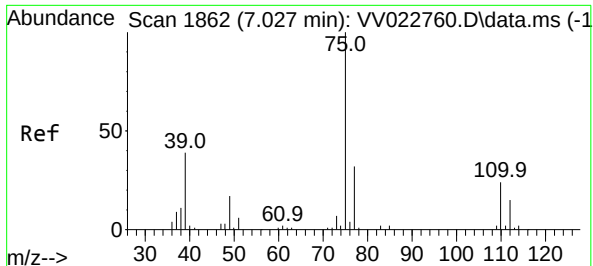
Tgt Ion: 83 Resp: 12715
Ion Ratio Lower Upper
83 100
55 0.6 63.8 95.6#
98 0.6 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

Tgt Ion: 63 Resp: 5508
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

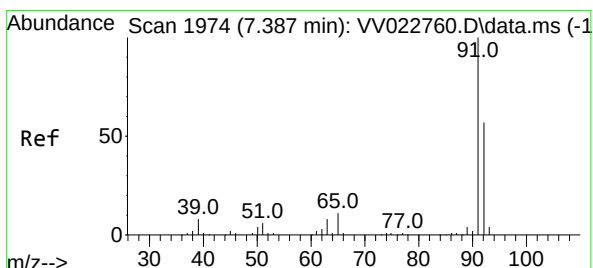
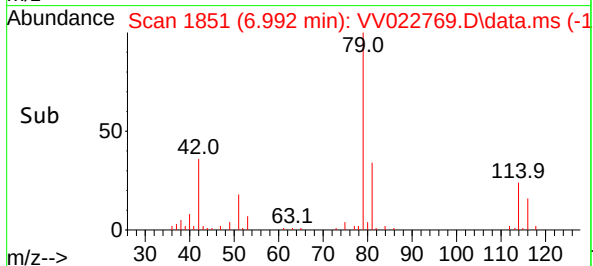
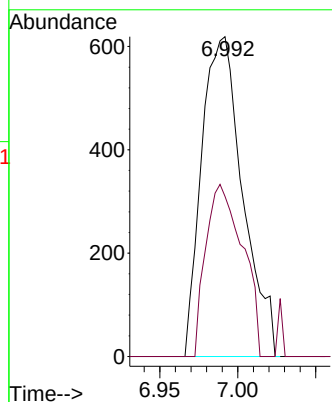
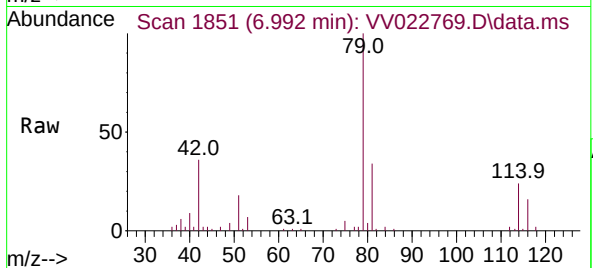




#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.036 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

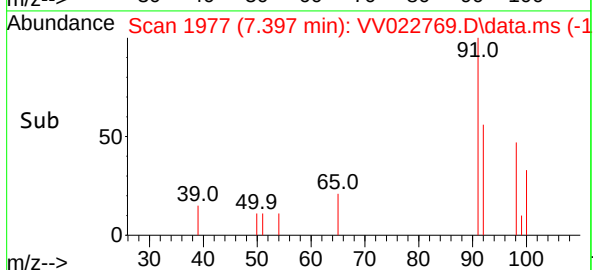
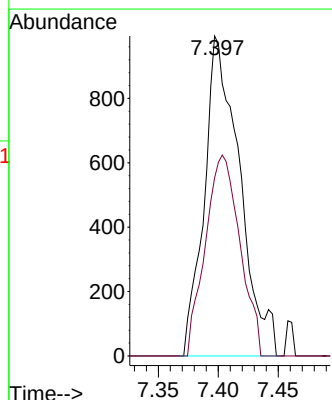
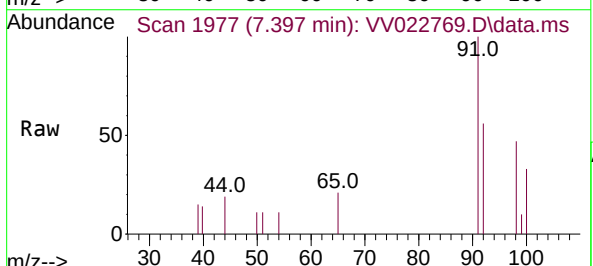
Instrument :
MSVOA_V
ClientSampled :

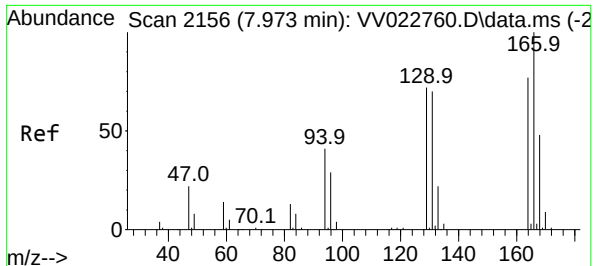
Tgt Ion: 75 Resp: 1136
Ion Ratio Lower Upper
75 100
77 50.1 22.3 41.3#



#42
Toluene
Concen: 0.063 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022769.D
Acq: 13 Oct 2021 18:14

Tgt Ion: 91 Resp: 2035
Ion Ratio Lower Upper
91 100
92 55.6 40.7 75.7





#47

Tetrachloroethene

Concen: 1.905 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022769.D

Acq: 13 Oct 2021 18:14

Tgt Ion:164 Resp: 13323

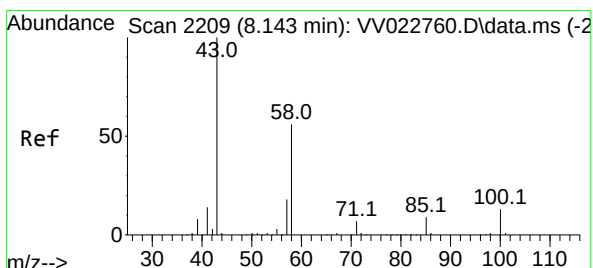
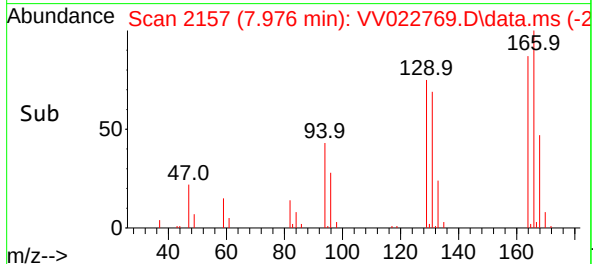
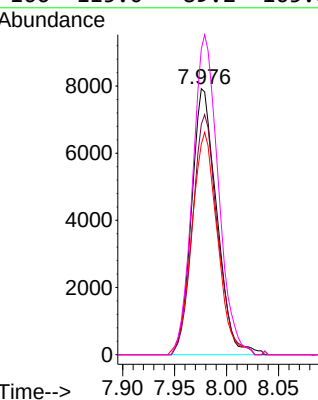
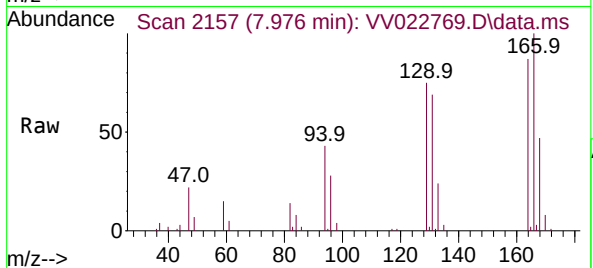
Ion Ratio Lower Upper

164 100

129 86.6 65.0 120.6

131 79.1 62.2 115.4

166 115.0 89.2 165.8



#48

2-Hexanone

Concen: 2.735 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.055 min

Lab File: VV022769.D

Acq: 13 Oct 2021 18:14

Tgt Ion: 43 Resp: 8220

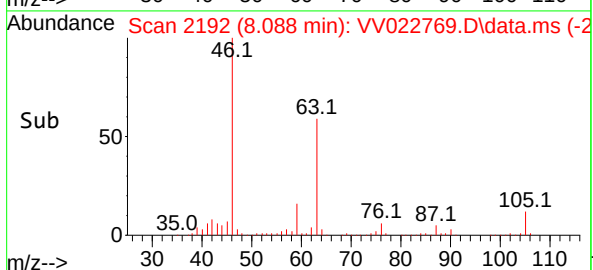
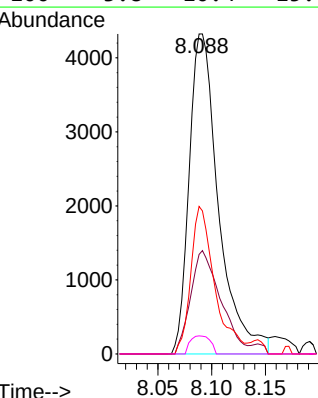
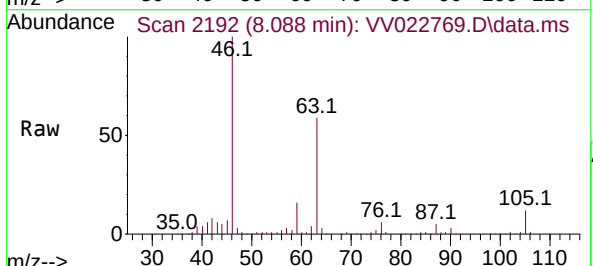
Ion Ratio Lower Upper

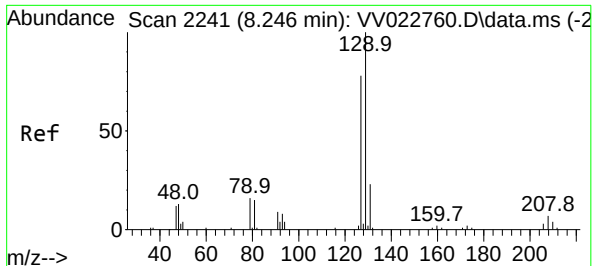
43 100

58 32.9 47.4 71.0#

57 37.8 15.3 22.9#

100 3.8 10.4 15.6#





#49

Dibromochloromethane

Concen: 1.787 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022769.D

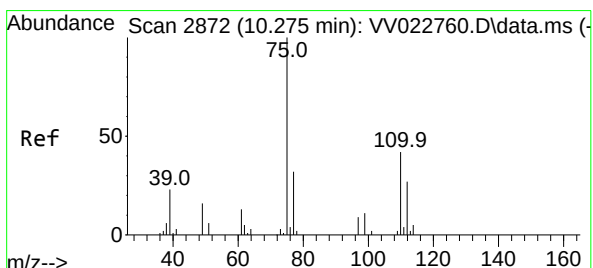
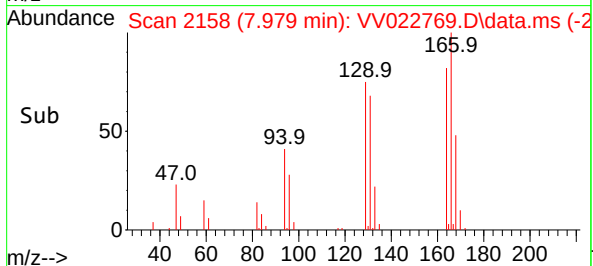
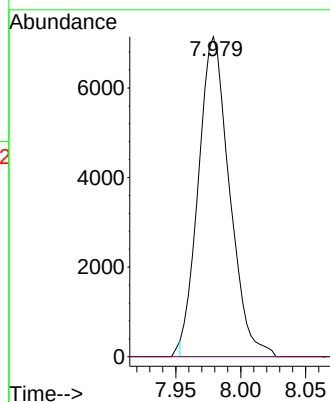
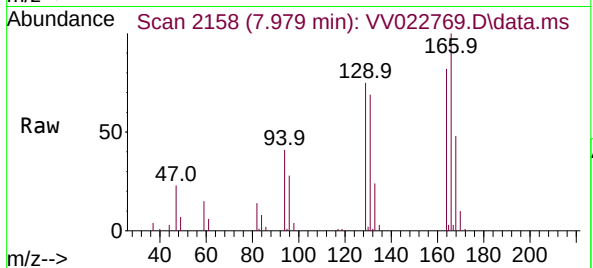
Acq: 13 Oct 2021 18:14

Tgt Ion: 129 Resp: 11872

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.631 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022769.D

Acq: 13 Oct 2021 18:14

Tgt Ion: 75 Resp: 6178

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2

110 2.6 34.2 51.4#

