

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023821.D
 Acq On : 07 Dec 2021 14:31
 Operator : SY/MD
 Sample : M4879-07DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:15:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

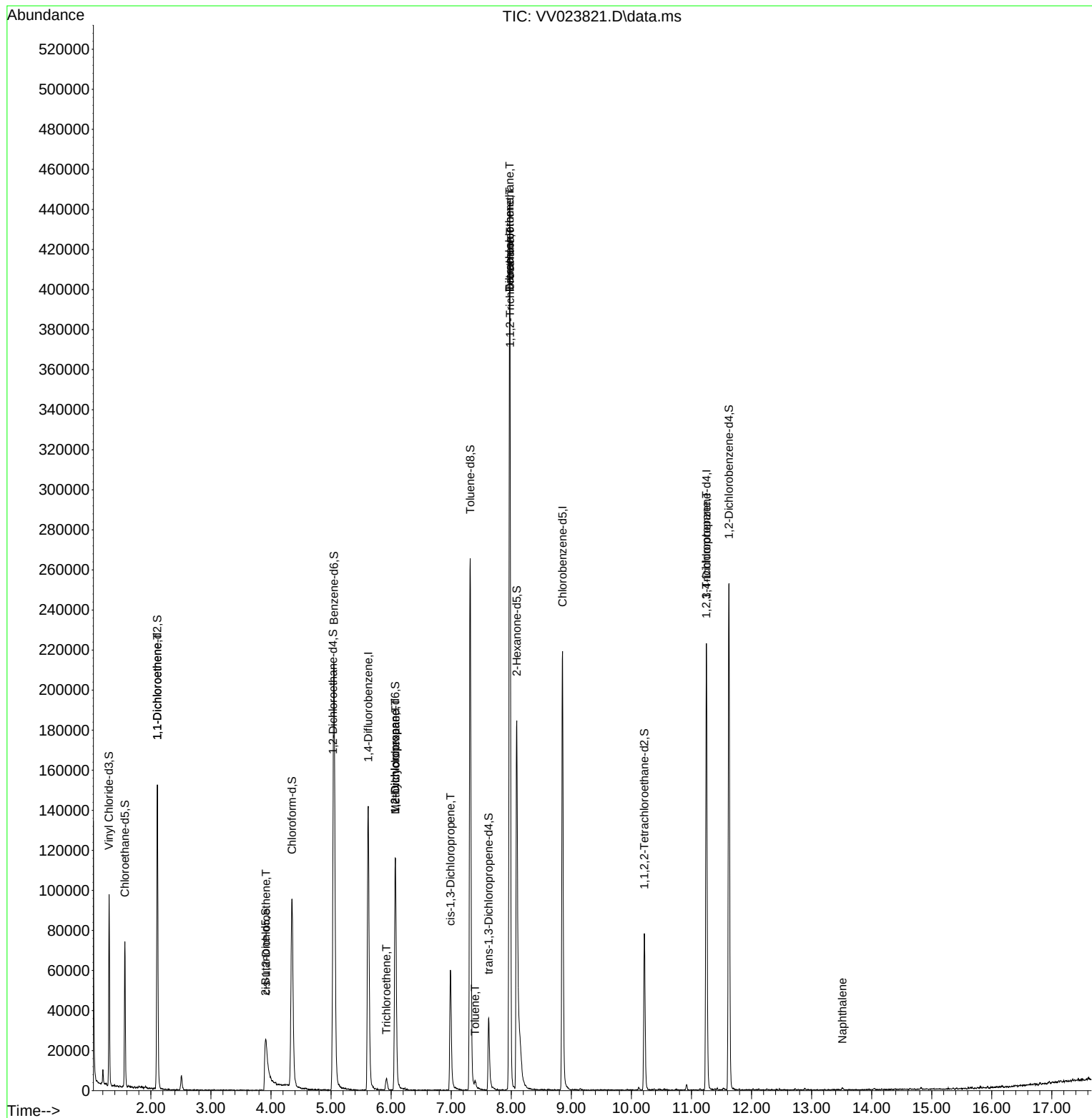
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56456	5.309	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.200%		
7) Chloroethane-d5	1.568	69	41969	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.400%		
11) 1,1-Dichloroethene-d2	2.108	63	75306	4.018	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.400%		
20) 2-Butanone-d5	3.908	46	52330	40.936	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 81.880%		
24) Chloroform-d	4.349	84	98662	5.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.600%		
26) 1,2-Dichloroethane-d4	5.034	65	47937	5.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.800%		
32) Benzene-d6	5.050	84	193738	5.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.600%		
36) 1,2-Dichloropropane-d6	6.069	67	54187	5.719	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.400%		
41) Toluene-d8	7.317	98	178561	5.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.000%		
43) trans-1,3-Dichloroprop...	7.622	79	21438	5.614	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 112.200%		
46) 2-Hexanone-d5	8.091	63	86727	68.352	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 136.700%#		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36940	5.418	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	67668	6.316	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 126.400%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	655	0.075	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	1965	0.207	ug/L	84
34) Trichloroethene	5.921	95	1841	0.194	ug/L	81
35) Methylcyclohexane	6.072	83	14130	0.957	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6697	0.797	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1811	0.151	ug/L #	73
42) Toluene	7.400	91	3076	0.080	ug/L	96
45) 1,1,2-Trichloroethane	7.982	97	784	0.135	ug/L #	6
47) Tetrachloroethene	7.976	164	101660	11.789	ug/L	98
49) Dibromochloromethane	7.976	129	87907	11.020	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6135	1.427	ug/L #	61
71) Naphthalene	13.512	128	1363	0.090	ug/L #	77

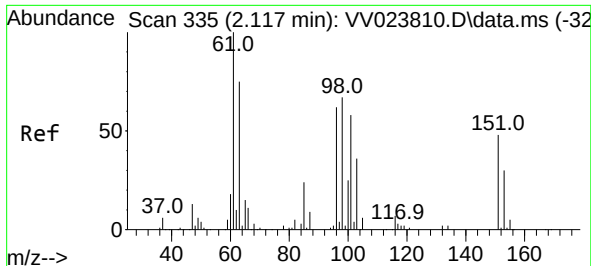
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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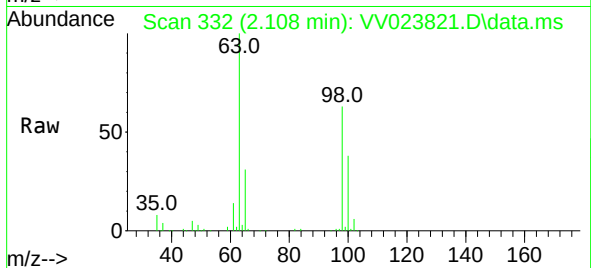
Quant Time: Dec 08 01:15:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
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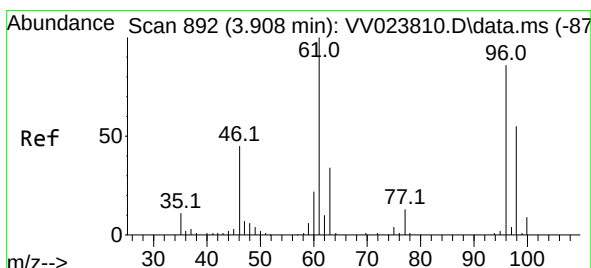
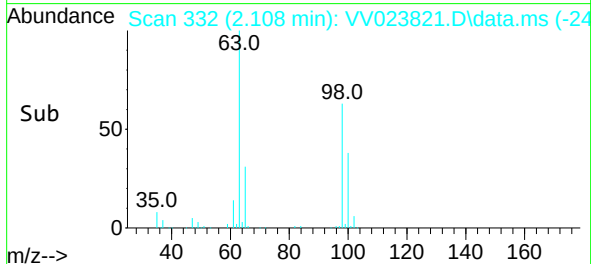
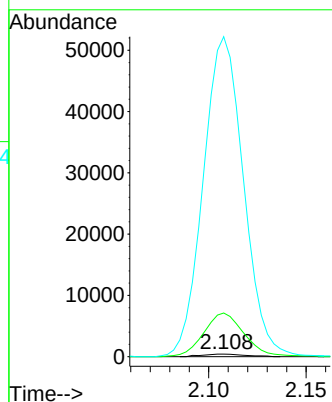


#12
 1,1-Dichloroethene
 Concen: 0.075 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV023821.D
 Acq: 07 Dec 2021 14:31

Instrument :
 MSVOA_V
 ClientSampleId :

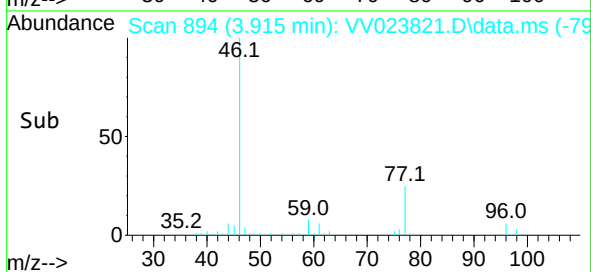
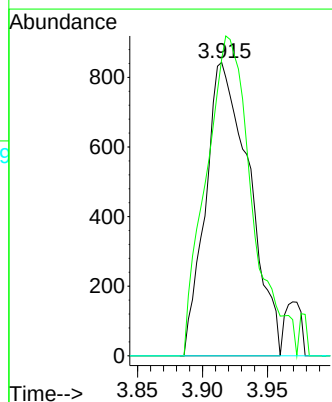
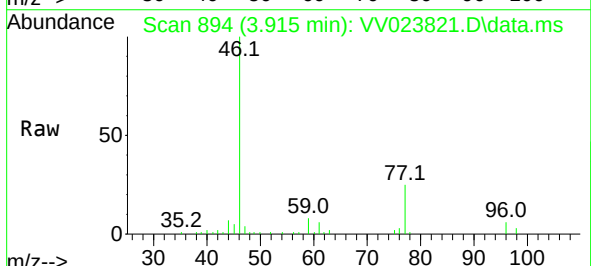


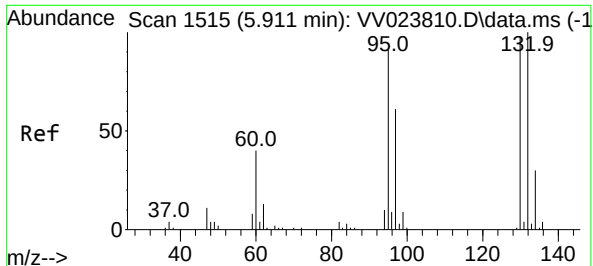
Tgt Ion: 96 Resp: 655
 Ion Ratio Lower Upper
 96 100
 61 1687.5 116.1 215.5#
 63 12344.2 79.4 147.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023821.D
 Acq: 07 Dec 2021 14:31

Tgt Ion: 96 Resp: 1965
 Ion Ratio Lower Upper
 96 100
 61 101.1 83.4 154.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.194 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.010 min

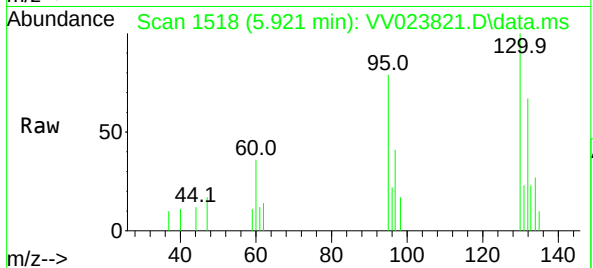
Lab File: VV023821.D

Acq: 07 Dec 2021 14:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 1841

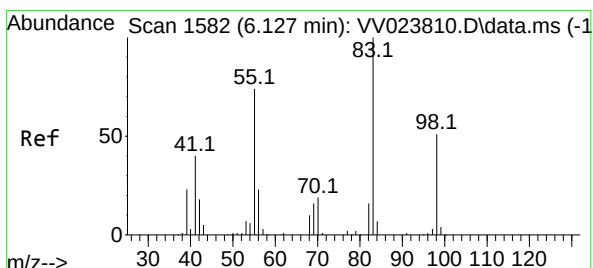
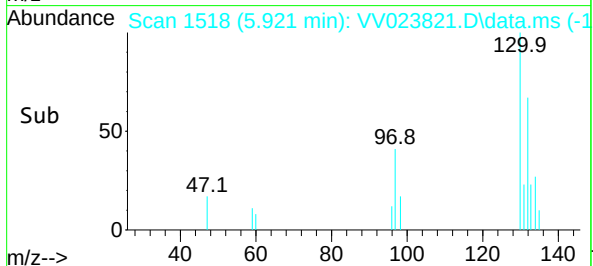
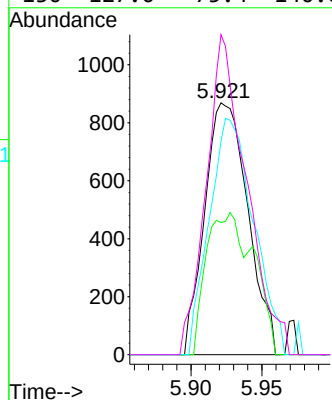
Ion Ratio Lower Upper

95 100

97 52.5 45.2 84.0

132 84.8 76.1 141.3

130 127.0 75.4 140.0



#35

Methylcyclohexane

Concen: 0.957 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023821.D

Acq: 07 Dec 2021 14:31

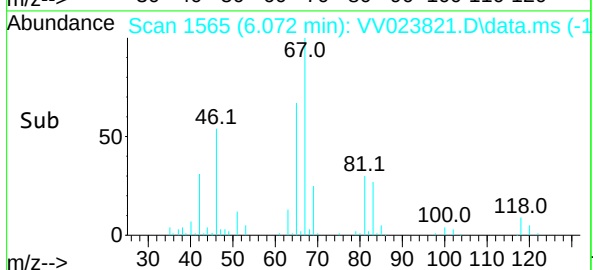
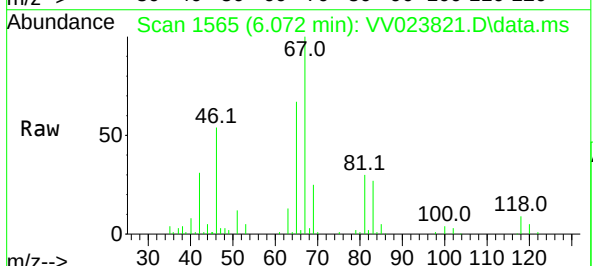
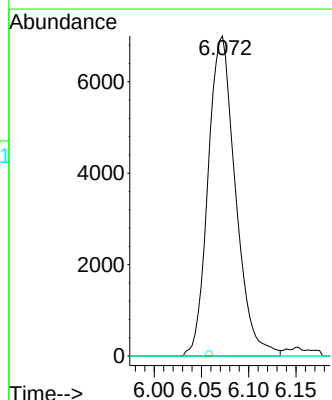
Tgt Ion: 83 Resp: 14130

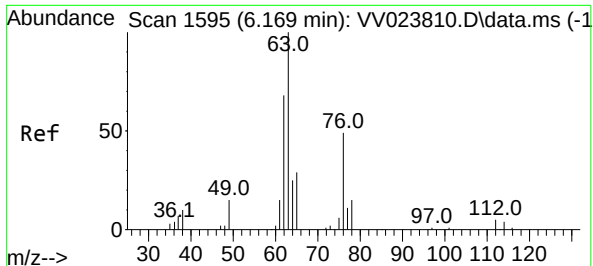
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023821.D

Acq: 07 Dec 2021 14:31

Instrument :

MSVOA_V

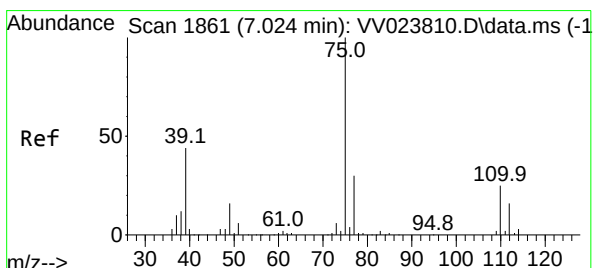
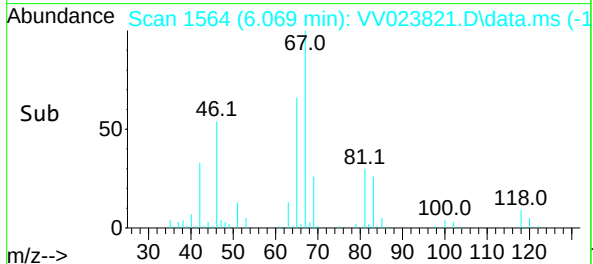
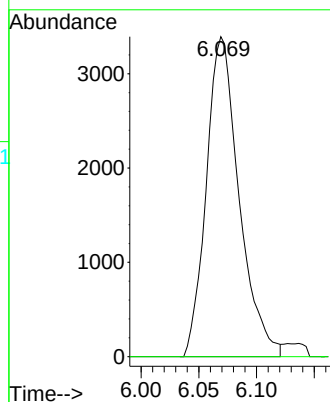
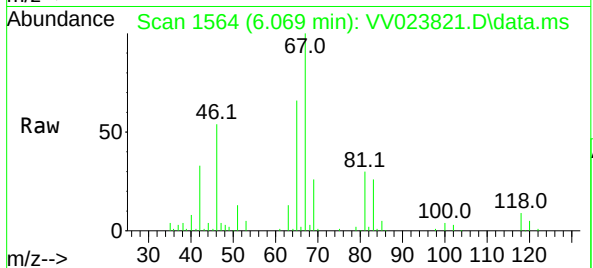
ClientSampleId :

Tgt Ion: 63 Resp: 6697

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023821.D

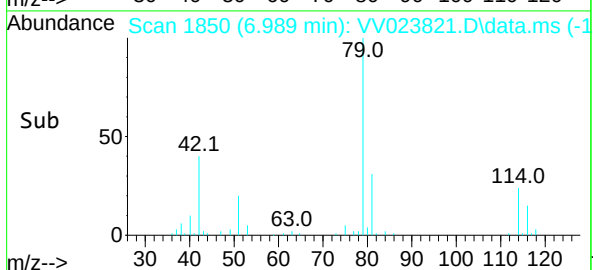
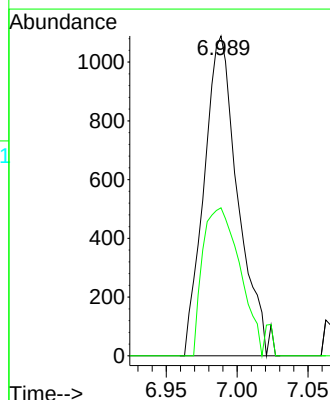
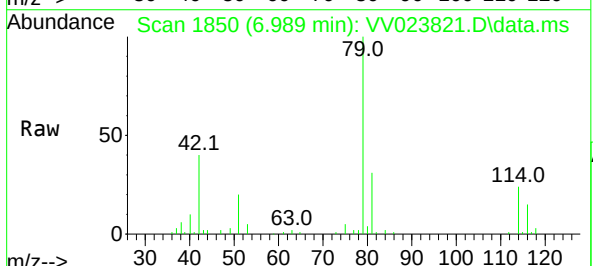
Acq: 07 Dec 2021 14:31

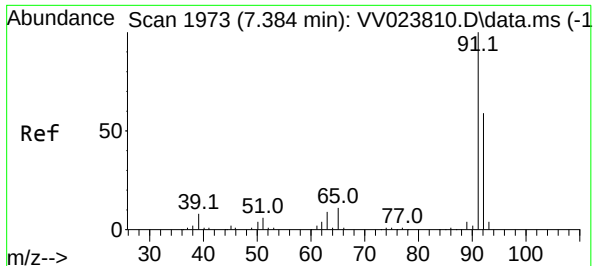
Tgt Ion: 75 Resp: 1811

Ion Ratio Lower Upper

75 100

77 46.3 22.0 41.0#





#42

Toluene

Concen: 0.080 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023821.D

Acq: 07 Dec 2021 14:31

Instrument :

MSVOA_V

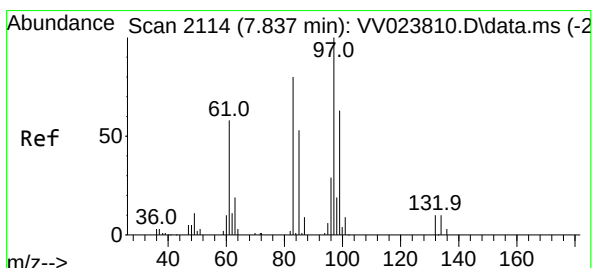
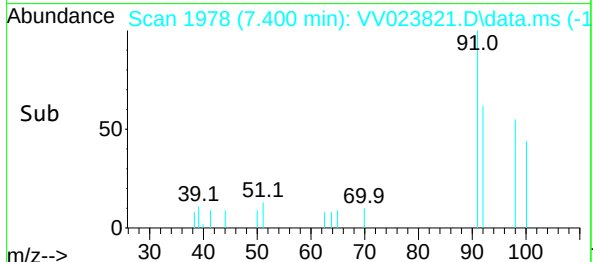
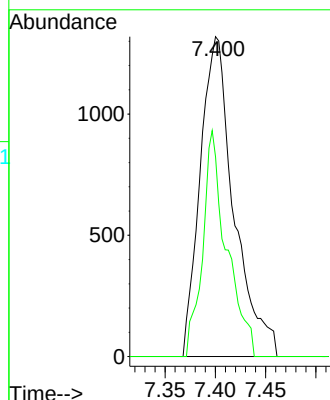
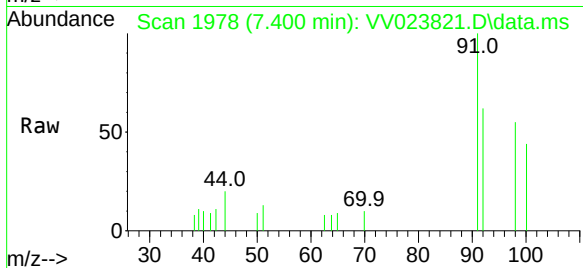
ClientSampleId :

Tgt Ion: 91 Resp: 3076

Ion Ratio Lower Upper

91 100

92 62.4 41.5 77.1



#45

1,1,2-Trichloroethane

Concen: 0.135 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.145 min

Lab File: VV023821.D

Acq: 07 Dec 2021 14:31

Tgt Ion: 97 Resp: 784

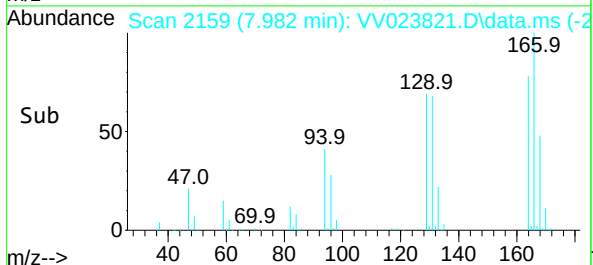
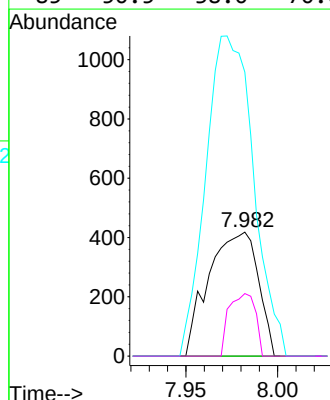
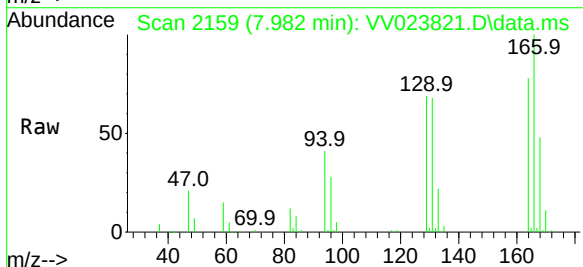
Ion Ratio Lower Upper

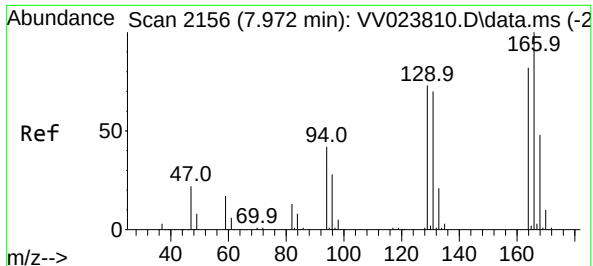
97 100

99 0.0 43.1 80.1#

83 229.2 57.9 107.5#

85 50.5 38.0 70.6





#47

Tetrachloroethene

Concen: 11.789 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023821.D

Acq: 07 Dec 2021 14:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 101660

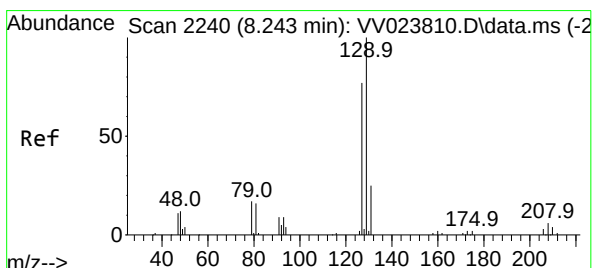
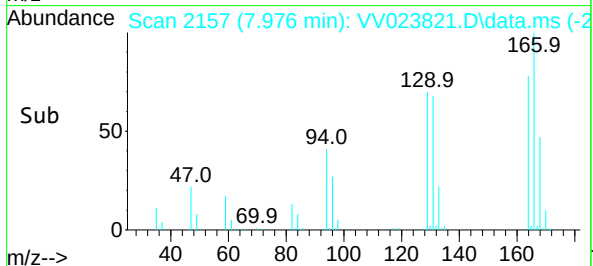
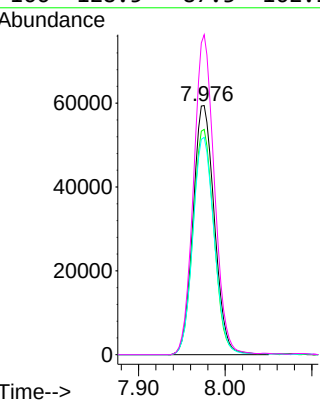
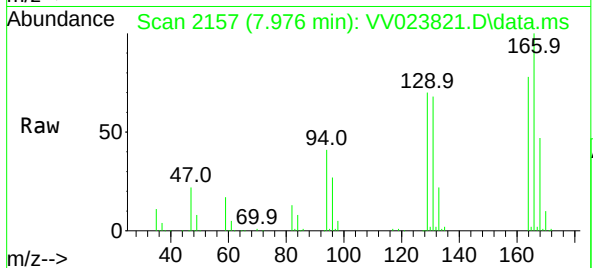
Ion Ratio Lower Upper

164 100

129 90.5 62.6 116.2

131 87.2 61.0 113.4

166 128.5 87.3 162.1



#49

Dibromochloromethane

Concen: 11.020 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023821.D

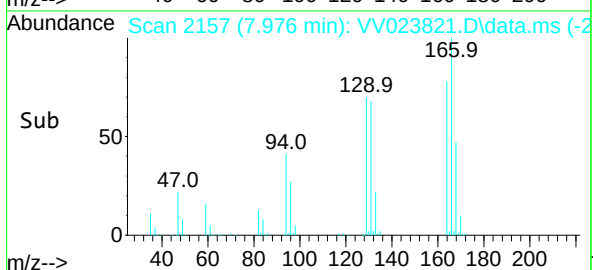
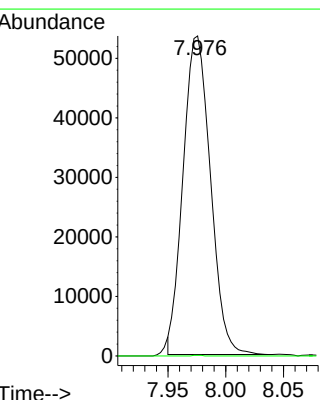
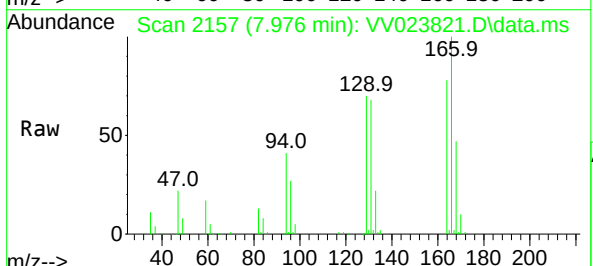
Acq: 07 Dec 2021 14:31

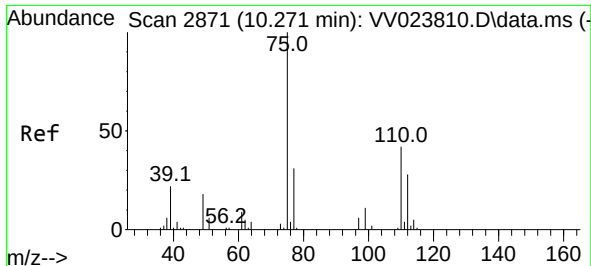
Tgt Ion:129 Resp: 87907

Ion Ratio Lower Upper

129 100

127 0.2 53.5 99.3#

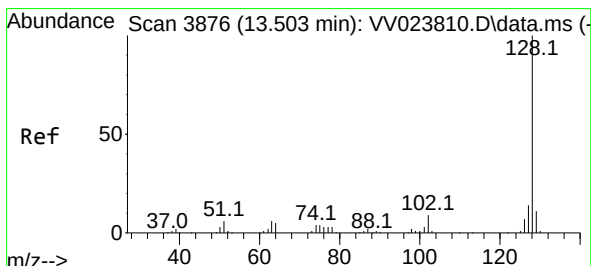
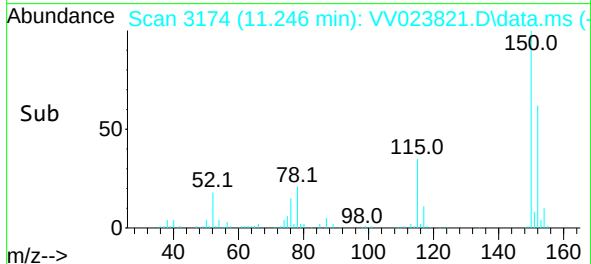
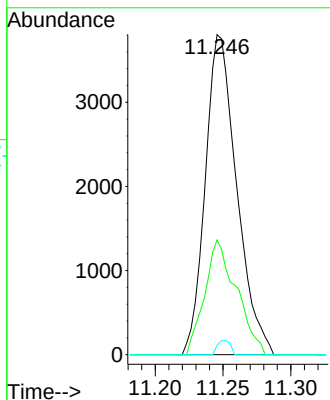
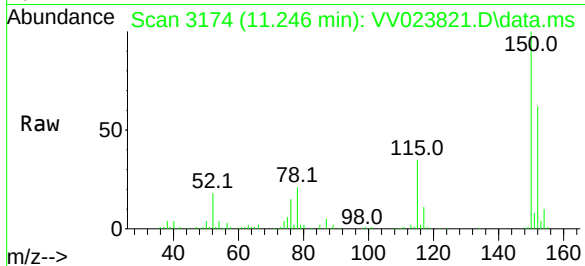




#61
1,2,3-Trichloropropane
Concen: 1.427 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023821.D
Acq: 07 Dec 2021 14:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6135
Ion Ratio Lower Upper
75 100
77 36.1 26.4 39.6
110 1.8 34.2 51.2#



#71
Naphthalene
Concen: 0.090 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023821.D
Acq: 07 Dec 2021 14:31

Tgt Ion: 128 Resp: 1363
Ion Ratio Lower Upper
128 100
129 6.3 9.0 13.4#
127 0.0 10.2 15.4#

