

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023030.D
 Acq On : 26 Oct 2021 11:43
 Operator : SY/MD
 Sample : M4278-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG6

Quant Time: Oct 27 01:31:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

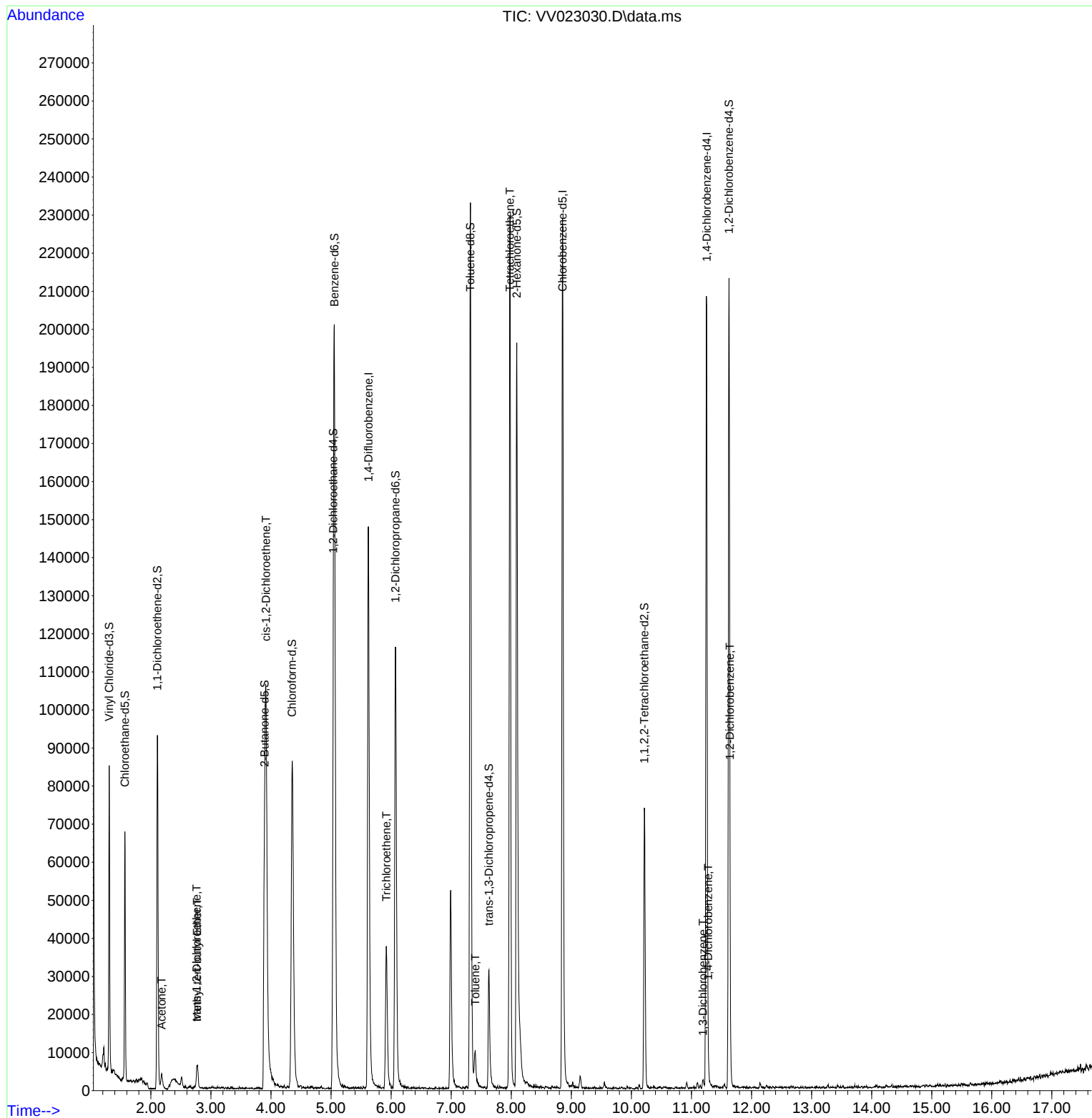
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	131053	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49345	4.309	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.568	69	36759	5.189	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.108	63	48813	2.955	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.000%#	
20) 2-Butanone-d5	3.892	46	91830	49.989	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.980%	
24) Chloroform-d	4.352	84	90491	4.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.037	65	41776	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.056	84	184312	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.072	67	58021	4.912	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.320	98	153617	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.628	79	19016	4.595	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.091	63	63999	41.766	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.540%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35775	4.386	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56115	5.536	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
					Qvalue	
13) Acetone	2.178	43	5154	5.719	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	4817	0.301	ug/L #	89
18) trans-1,2-Dichloroethene	2.764	96	449	0.063	ug/L	76
22) cis-1,2-Dichloroethene	3.915	96	46025	5.667	ug/L #	87
34) Trichloroethene	5.921	95	12555	1.413	ug/L	97
42) Toluene	7.400	91	6869	0.192	ug/L	99
47) Tetrachloroethene	7.979	164	50912	6.782	ug/L	99
64) 1,3-Dichlorobenzene	11.191	146	958	0.063	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	1381	0.090	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	1357	0.096	ug/L #	86

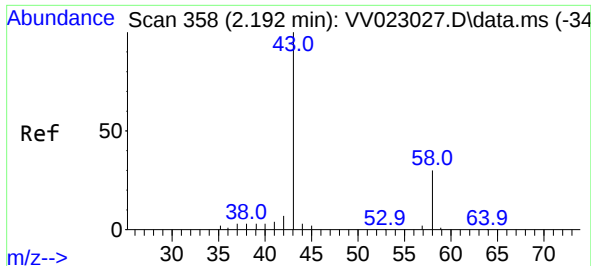
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023030.D
Acq On : 26 Oct 2021 11:43
Operator : SY/MD
Sample : M4278-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFG6

Quant Time: Oct 27 01:31:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

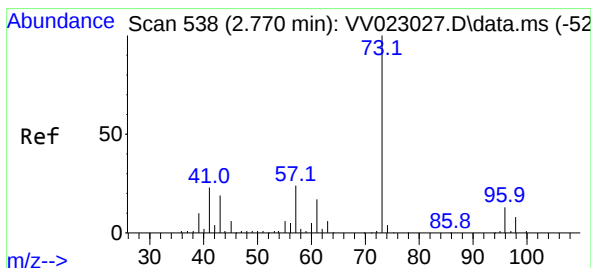
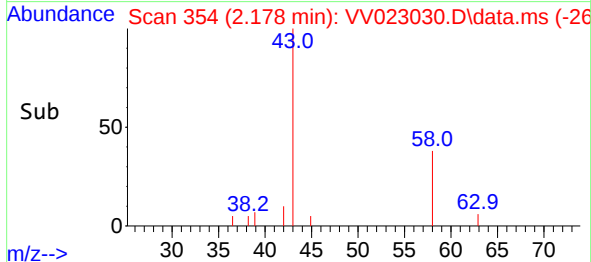
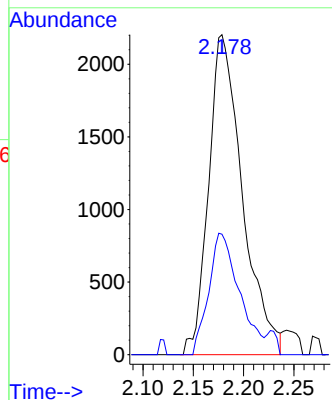
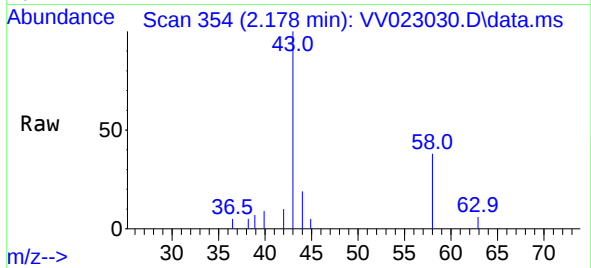




#13
Acetone
Concen: 5.719 ug/L
RT: 2.178 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023030.D
Acq: 26 Oct 2021 11:43

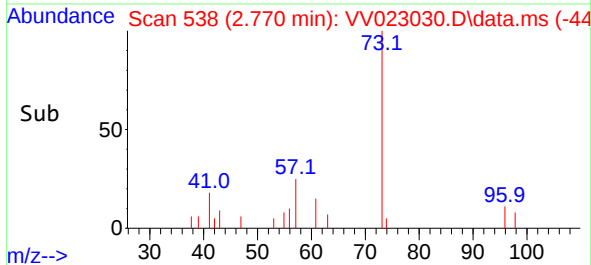
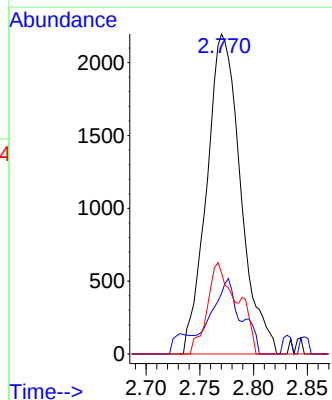
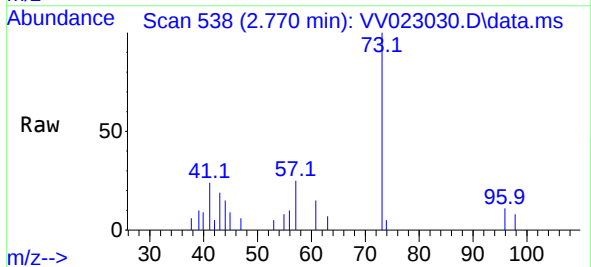
Instrument :
MSVOA_V
ClientSampleId :
BFGE6

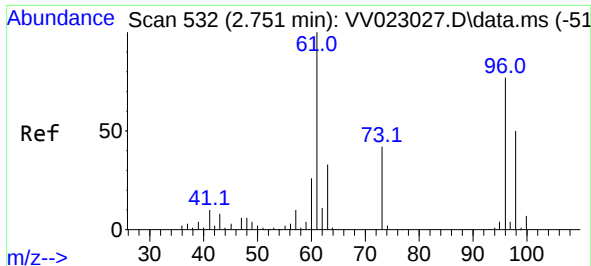
Tgt Ion: 43 Resp: 5154
Ion Ratio Lower Upper
43 100
58 34.5 0.0 55.4



#17
Methyl tert-butyl Ether
Concen: 0.301 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV023030.D
Acq: 26 Oct 2021 11:43

Tgt Ion: 73 Resp: 4817
Ion Ratio Lower Upper
73 100
43 11.3 17.4 26.0#
57 20.6 16.5 24.7

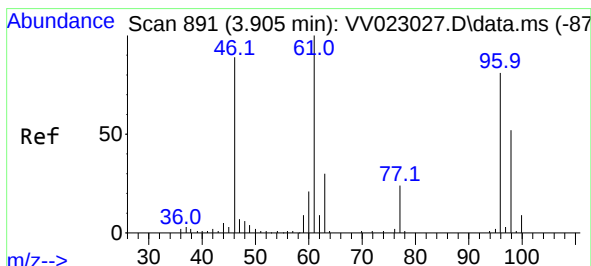
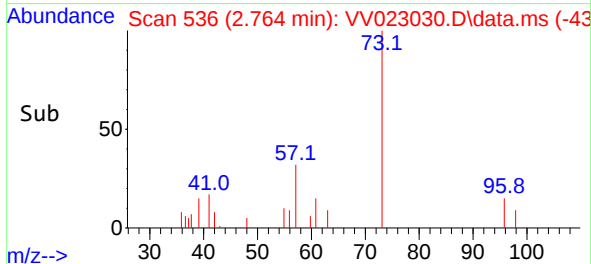
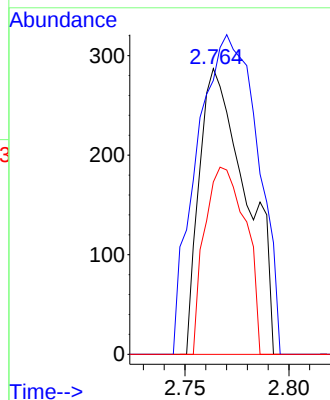
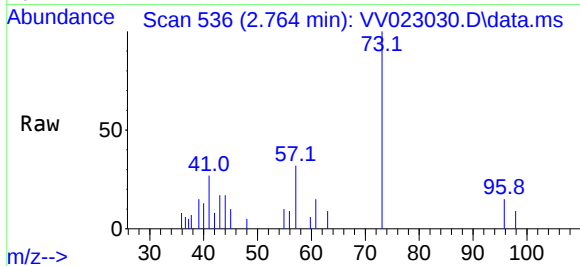




#18
trans-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV023030.D
Acq: 26 Oct 2021 11:43

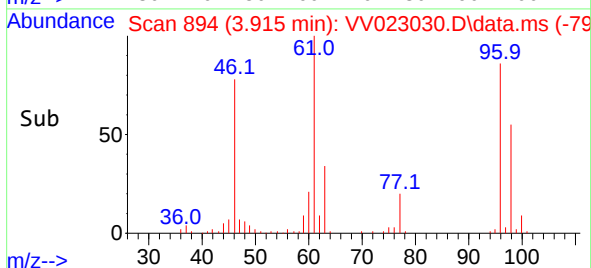
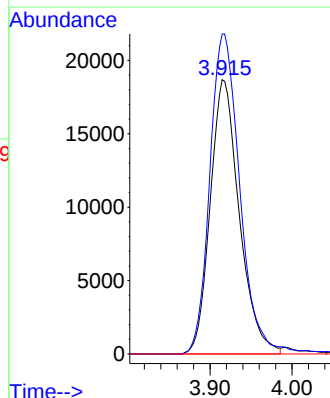
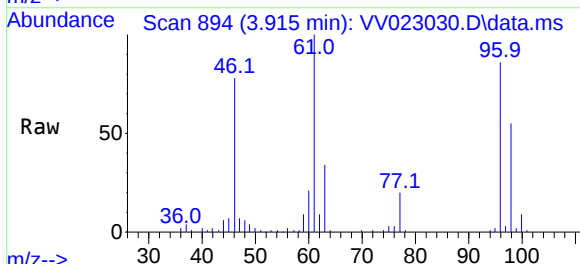
Instrument :
MSVOA_V
ClientSampleId :
BFGE6

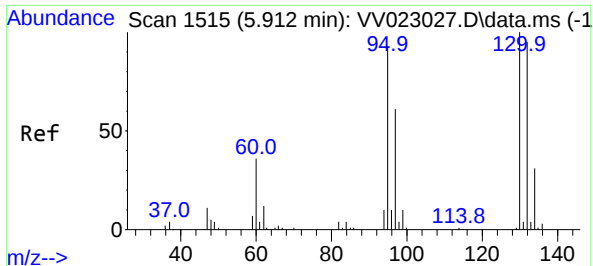
Tgt Ion: 96 Resp: 449
Ion Ratio Lower Upper
96 100
61 95.8 93.2 173.2
98 60.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 5.667 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV023030.D
Acq: 26 Oct 2021 11:43

Tgt Ion: 96 Resp: 46025
Ion Ratio Lower Upper
96 100
61 116.7 92.3 171.3
68 0.0 0.4 0.8#





#34

Trichloroethene

Concen: 1.413 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV023030.D

Acq: 26 Oct 2021 11:43

Instrument :

MSVOA_V

ClientSampleId :

BFG6

Tgt Ion: 95 Resp: 12555

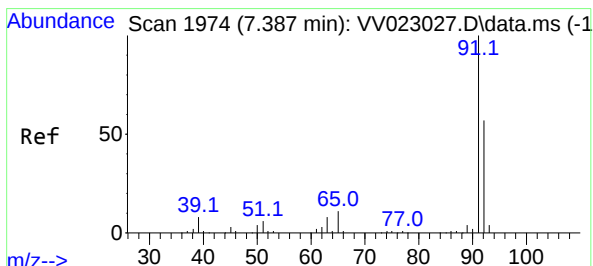
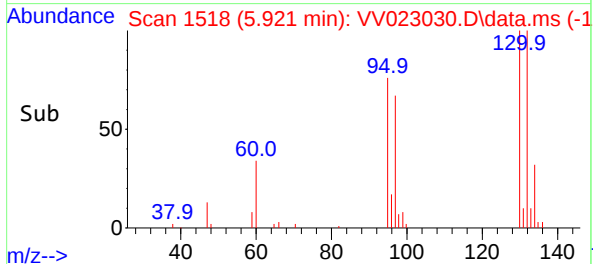
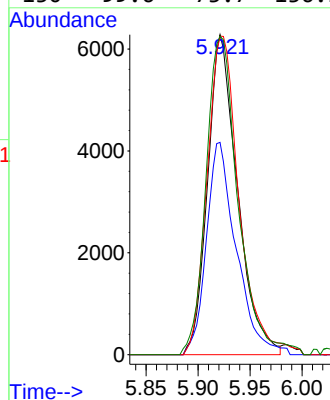
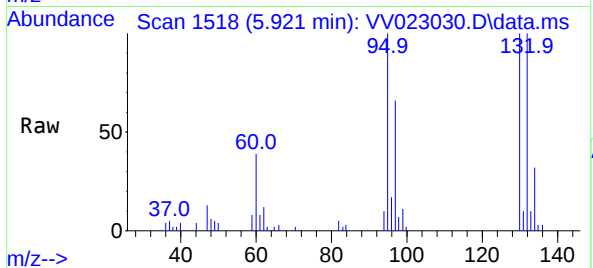
Ion Ratio Lower Upper

95 100

97 66.3 45.0 83.6

132 99.5 69.7 129.4

130 99.6 73.7 136.9



#42

Toluene

Concen: 0.192 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023030.D

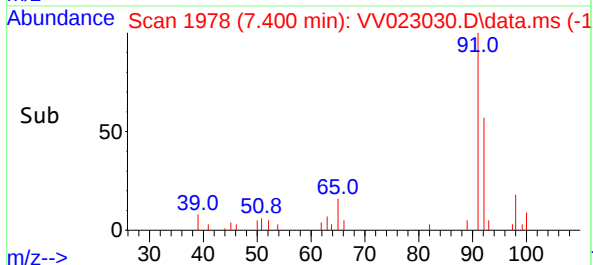
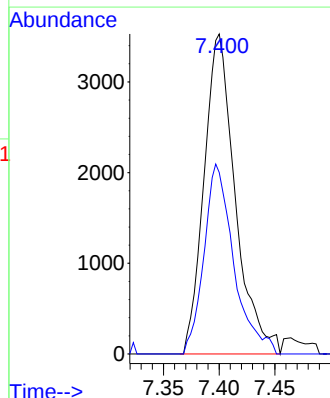
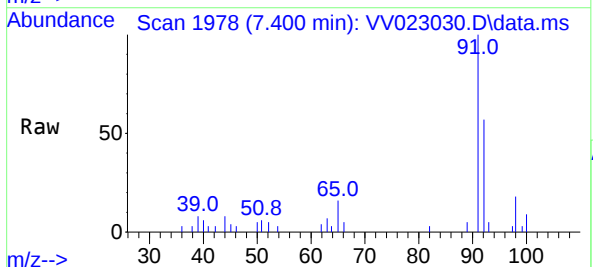
Acq: 26 Oct 2021 11:43

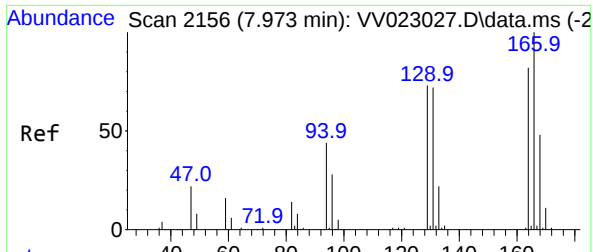
Tgt Ion: 91 Resp: 6869

Ion Ratio Lower Upper

91 100

92 56.7 39.3 72.9





#47

Tetrachloroethene

Concen: 6.782 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV023030.D

Acq: 26 Oct 2021 11:43

Instrument :

MSVOA_V

ClientSampleId :

BFG6

Tgt Ion:164 Resp: 50912

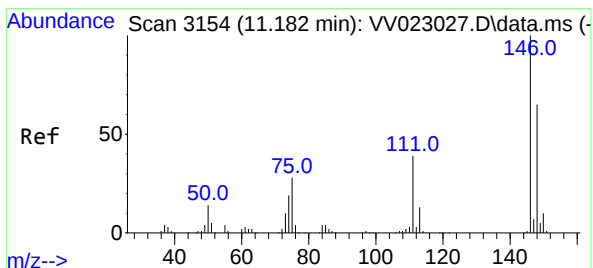
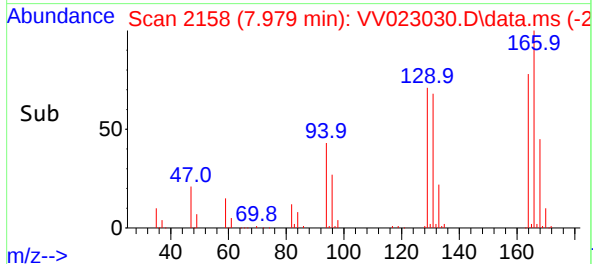
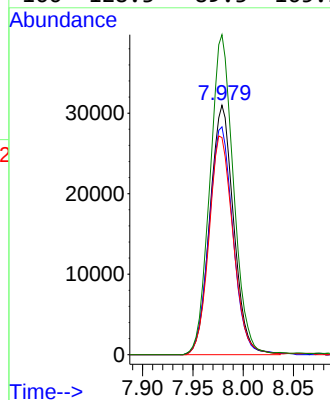
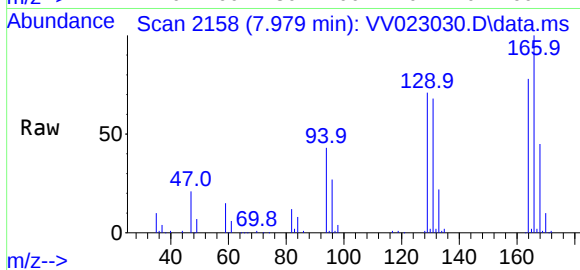
Ion Ratio Lower Upper

164 100

129 91.3 64.0 119.0

131 87.1 63.4 117.8

166 128.3 89.3 165.9



#64

1,3-Dichlorobenzene

Concen: 0.063 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.009 min

Lab File: VV023030.D

Acq: 26 Oct 2021 11:43

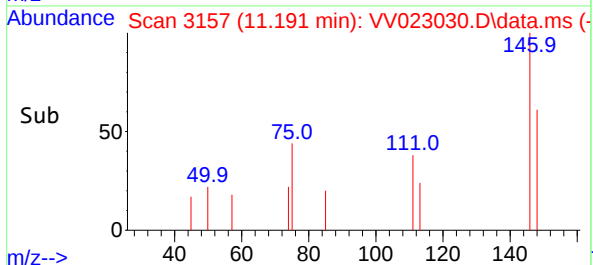
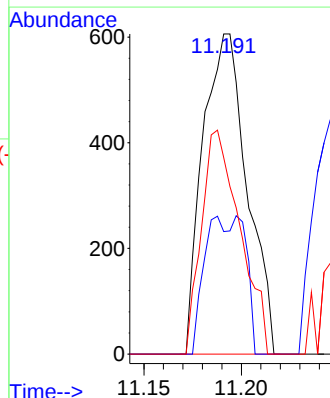
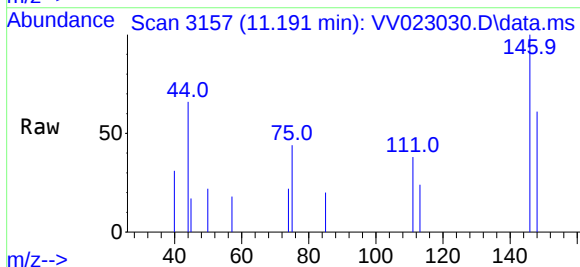
Tgt Ion:146 Resp: 958

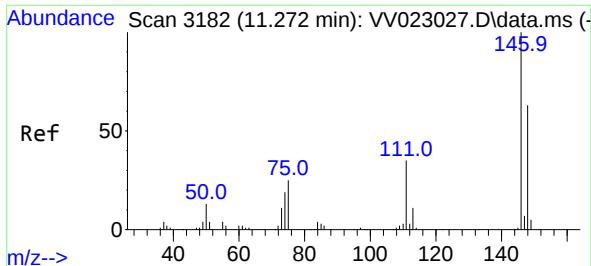
Ion Ratio Lower Upper

146 100

111 38.3 26.7 49.7

148 61.4 42.9 79.7

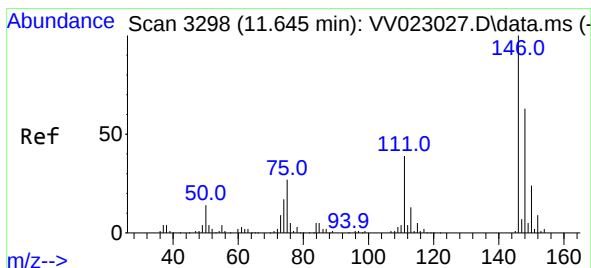
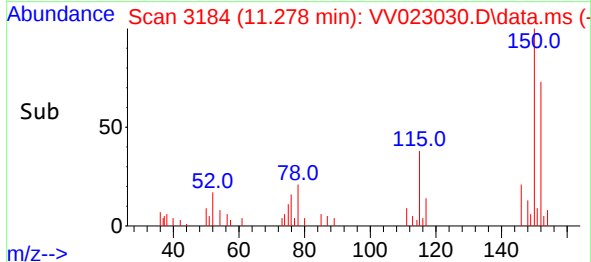
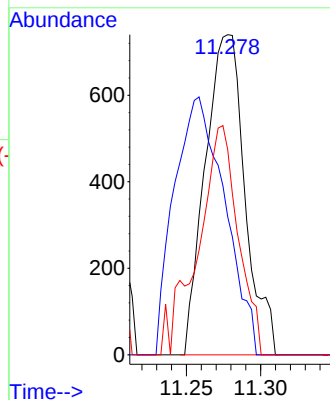
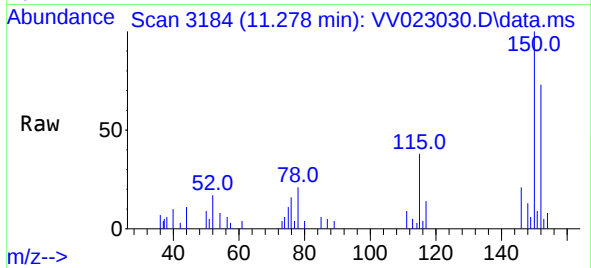




#65
1,4-Dichlorobenzene
Concen: 0.090 ug/L
RT: 11.278 min Scan# 3182
Delta R.T. 0.006 min
Lab File: VV023030.D
Acq: 26 Oct 2021 11:43

Instrument :
MSVOA_V
ClientSampleId :
BFGE6

Tgt Ion:	146	Resp:	1381
Ion	Ratio	Lower	Upper
146	100		
111	43.1	26.2	48.8
148	64.1	44.4	82.5



#67
1,2-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV023030.D
Acq: 26 Oct 2021 11:43

Tgt Ion:	146	Resp:	1357
Ion	Ratio	Lower	Upper
146	100		
111	58.9	31.6	47.4#
148	61.0	51.0	76.6

