

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022813.D
 Acq On : 14 Oct 2021 23:52
 Operator : SY/MD
 Sample : M4223-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG93

Quant Time: Oct 16 03:56:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

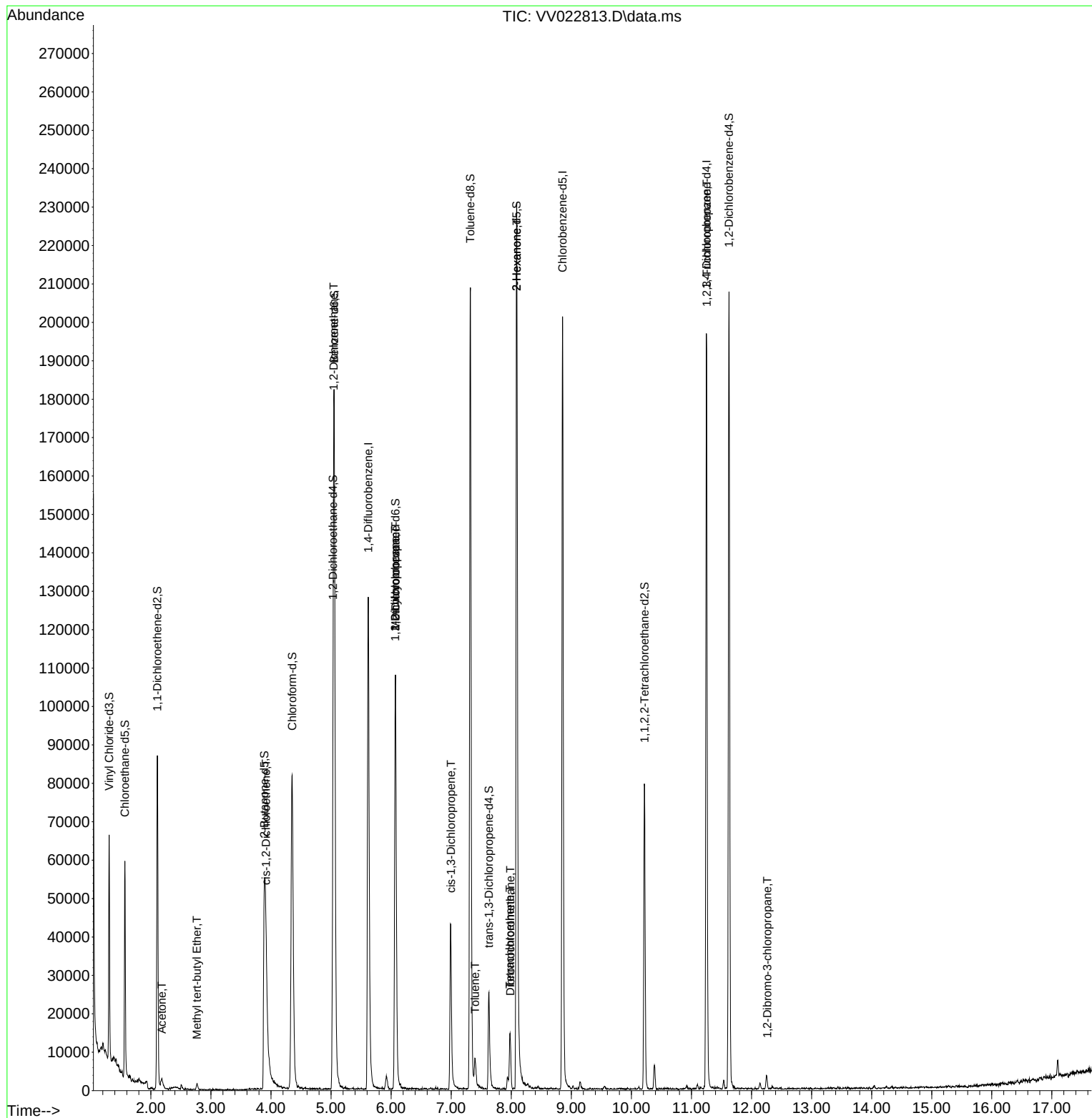
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37075	4.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.568	69	32945	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	43933	2.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.889	46	96999	47.407	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.820%
24) Chloroform-d	4.352	84	86980	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.034	65	40373	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.053	84	166276	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.072	67	52832	5.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.320	98	140675	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.628	79	15331	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	78538	57.656	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.320%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37977	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55459	5.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds			Qvalue			
13) Acetone	2.182	43	3537	3.100	ug/L #	44
17) Methyl tert-butyl Ether	2.767	73	1438	0.087	ug/L #	75
22) cis-1,2-Dichloroethene	3.918	96	7464	0.954	ug/L	88
27) 1,2-Dichloroethane	5.043	62	1044	0.134	ug/L #	69
35) Methylcyclohexane	6.072	83	12378	1.044	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5970	0.797	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1255	0.127	ug/L	89
42) Toluene	7.397	91	5820	0.184	ug/L	99
47) Tetrachloroethene	7.979	164	3596	0.525	ug/L	91
48) 2-Hexanone	8.091	43	9724	3.306	ug/L #	67
49) Dibromochloromethane	7.985	129	3222	0.495	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5946	1.618	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.265	75	41	0.061	ug/L #	1

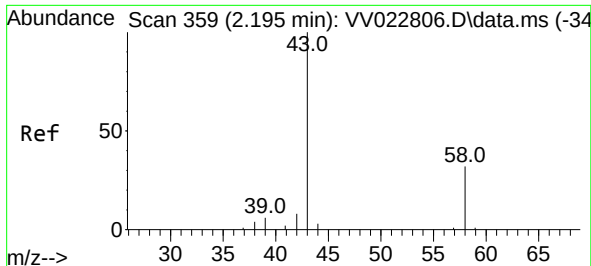
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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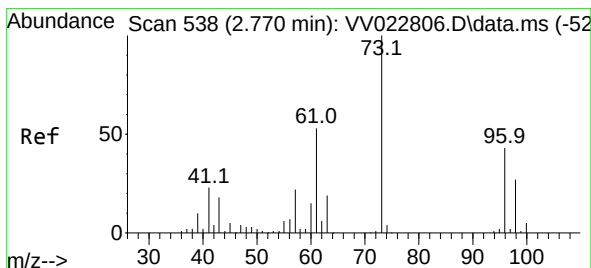
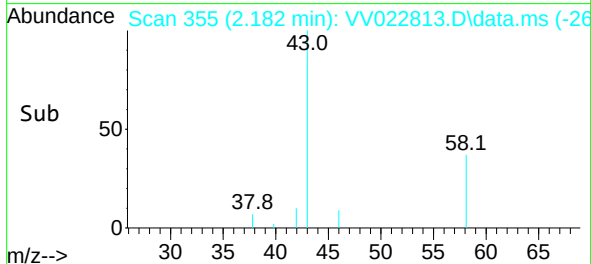
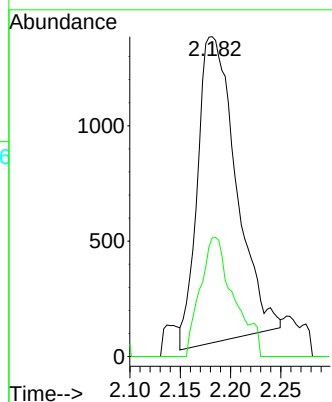
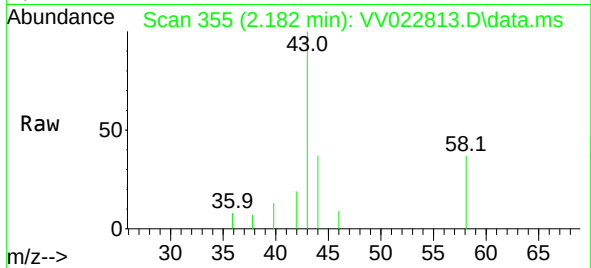




#13
Acetone
Concen: 3.100 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.013 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

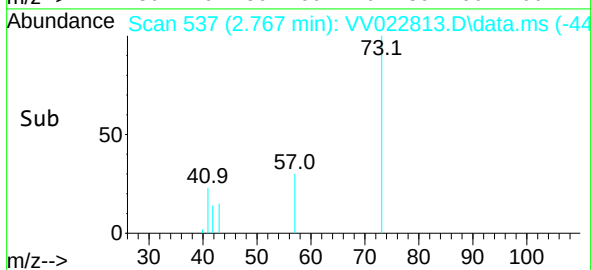
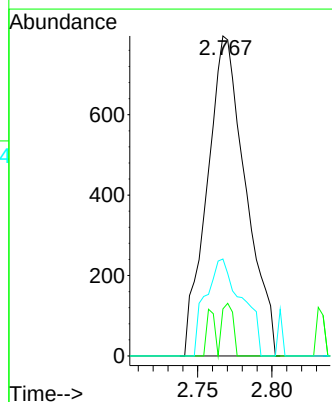
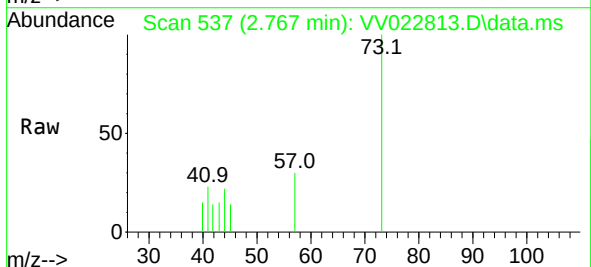
Instrument :
MSVOA_V
ClientSampleId :
BFG93

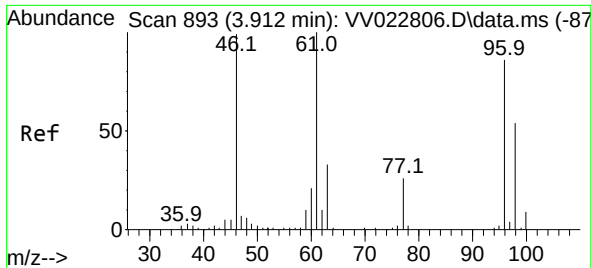
Tgt Ion: 43 Resp: 3537
Ion Ratio Lower Upper
43 100
58 34.0 0.0 24.2#



#17
Methyl tert-butyl Ether
Concen: 0.087 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

Tgt Ion: 73 Resp: 1438
Ion Ratio Lower Upper
73 100
43 4.8 17.1 25.7#
57 28.5 17.2 25.8#

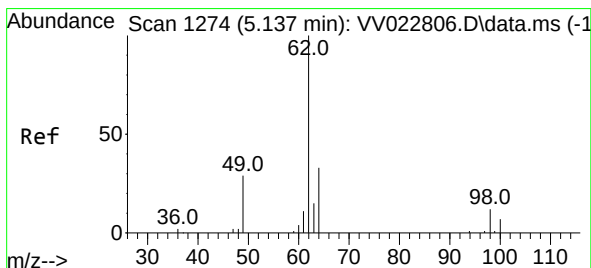
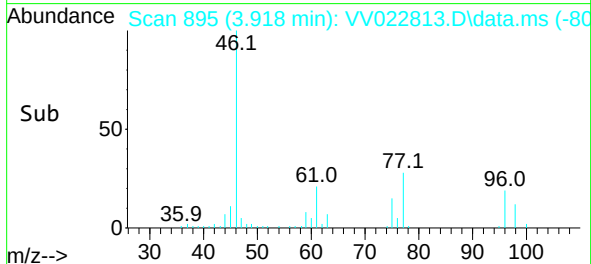
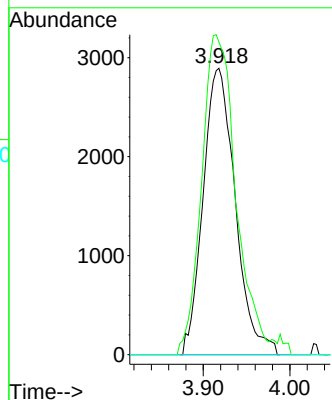
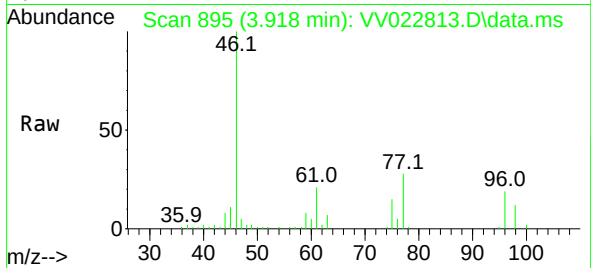




#22
cis-1,2-Dichloroethene
Concen: 0.954 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

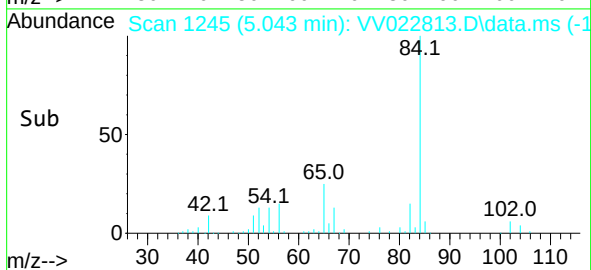
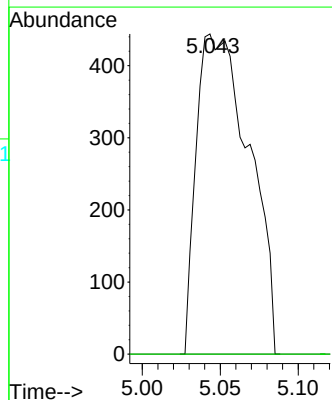
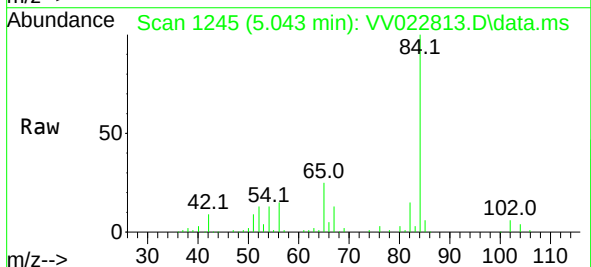
Instrument :
MSVOA_V
ClientSampled :
BFG93

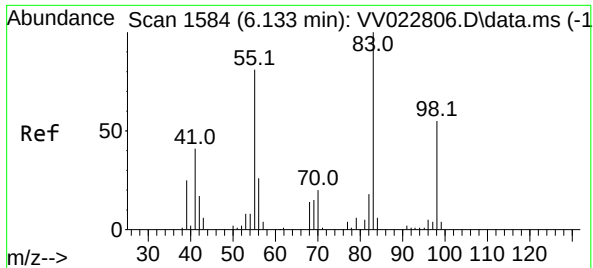
Tgt Ion: 96 Resp: 7464
Ion Ratio Lower Upper
96 100
61 109.2 86.0 159.6
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.093 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

Tgt Ion: 62 Resp: 1044
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

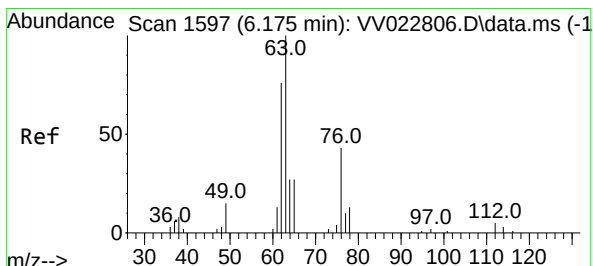
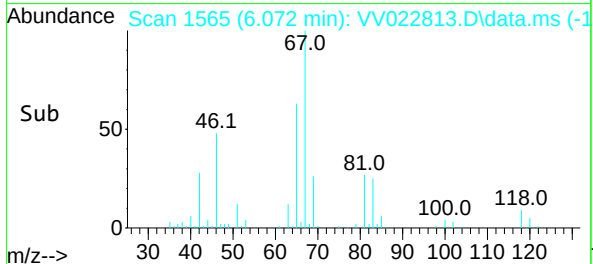
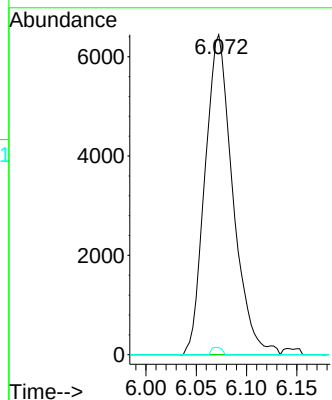
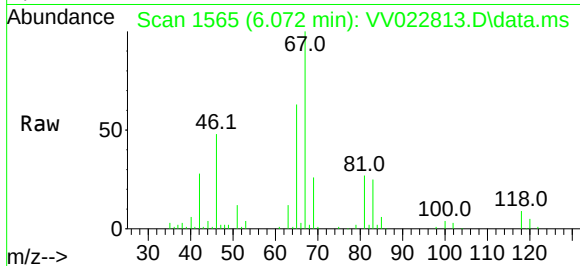




#35
Methylcyclohexane
Concen: 1.044 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

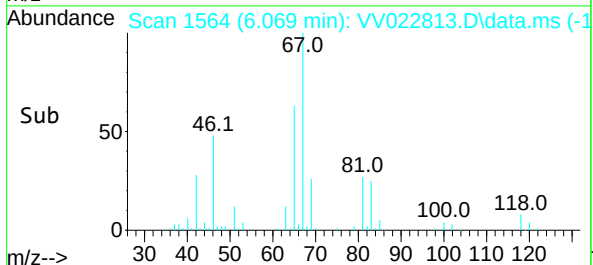
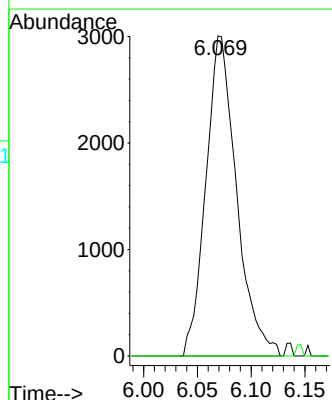
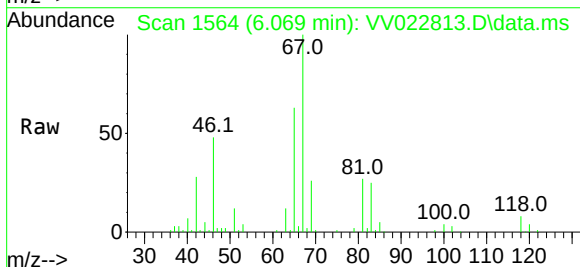
Instrument :
MSVOA_V
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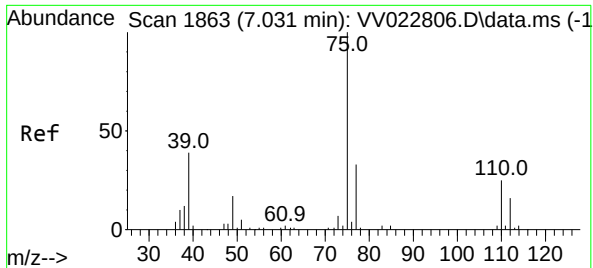
Tgt Ion:	83	Resp:	12378
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	0.8	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.797 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

Tgt Ion:	63	Resp:	5970
Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.4	6.6#

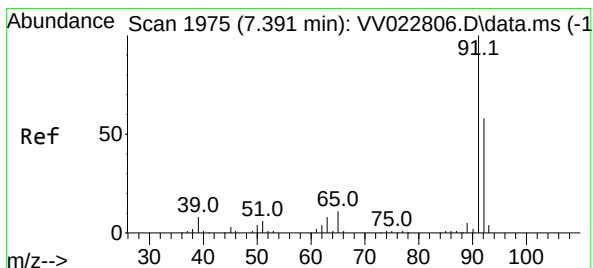
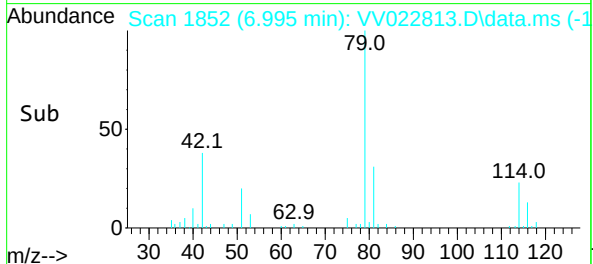
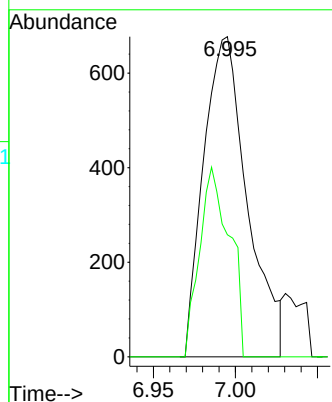
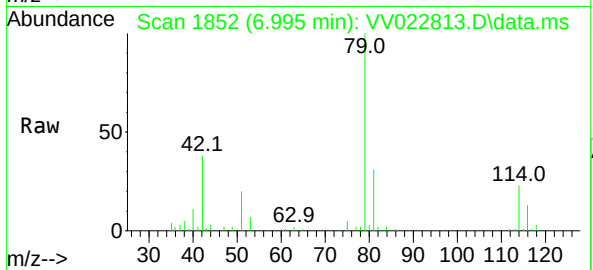




#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 6.995 min Scan# 1852
 Delta R.T. -0.035 min
 Lab File: VV022813.D
 Acq: 14 Oct 2021 23:52

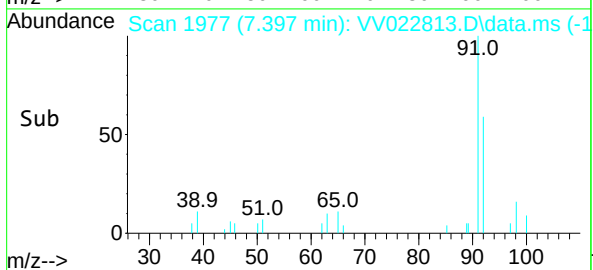
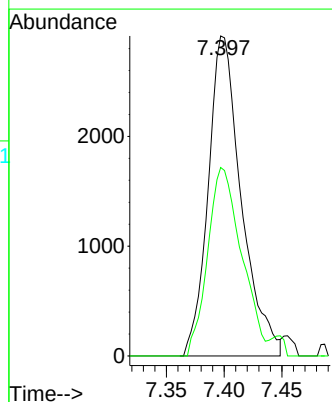
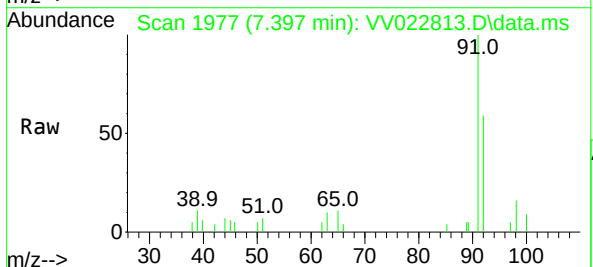
Instrument :
 MSVOA_V
 ClientSampled :
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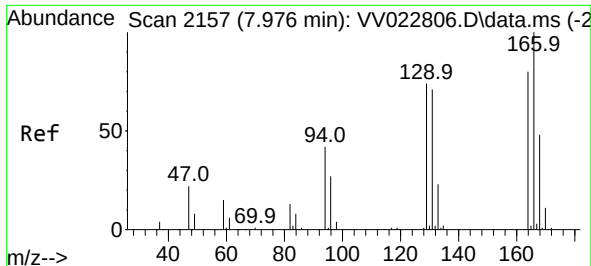
Tgt Ion: 75 Resp: 1255
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.3 41.3



#42
 Toluene
 Concen: 0.184 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VV022813.D
 Acq: 14 Oct 2021 23:52

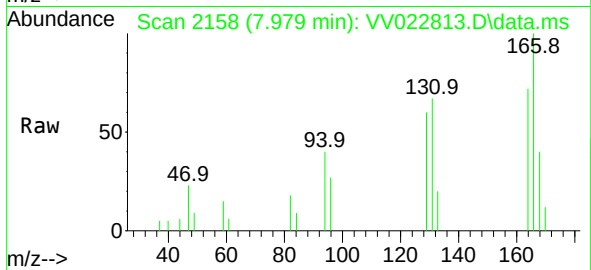
Tgt Ion: 91 Resp: 5820
 Ion Ratio Lower Upper
 91 100
 92 58.9 40.7 75.7



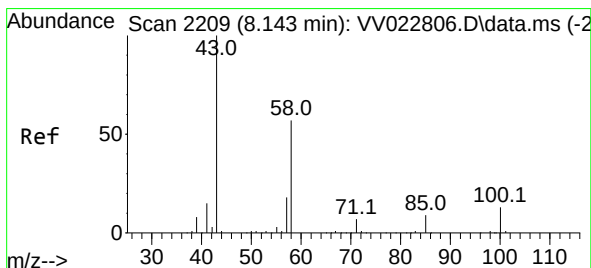
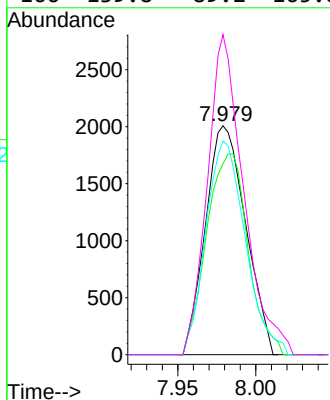
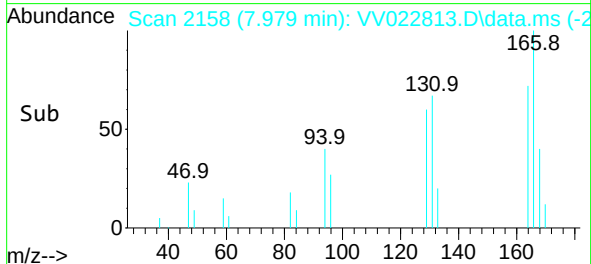


#47
Tetrachloroethene
Concen: 0.525 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52

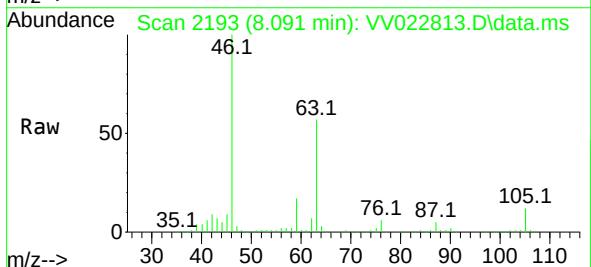
Instrument :
MSVOA_V
ClientSampleId :
BFG93



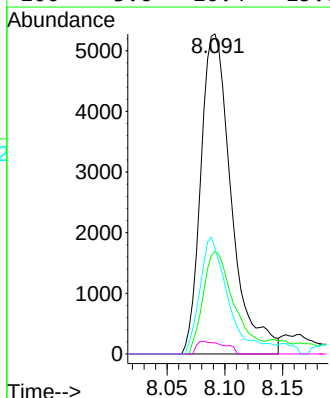
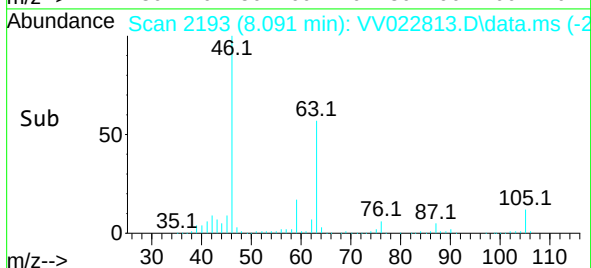
Tgt Ion	Ratio	Lower	Upper
164	100		
129	83.4	65.0	120.6
131	93.3	62.2	115.4
166	139.8	89.2	165.8

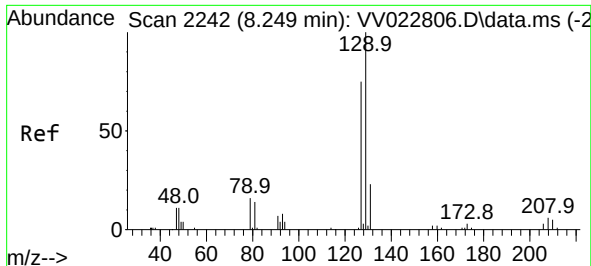


#48
2-Hexanone
Concen: 3.306 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.052 min
Lab File: VV022813.D
Acq: 14 Oct 2021 23:52



Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.5	47.4	71.0#
57	34.2	15.3	22.9#
100	3.6	10.4	15.6#





#49

Dibromochloromethane

Concen: 0.495 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.264 min

Lab File: VV022813.D

Acq: 14 Oct 2021 23:52

Tgt Ion:129 Resp: 3222

Ion Ratio Lower Upper

129 100

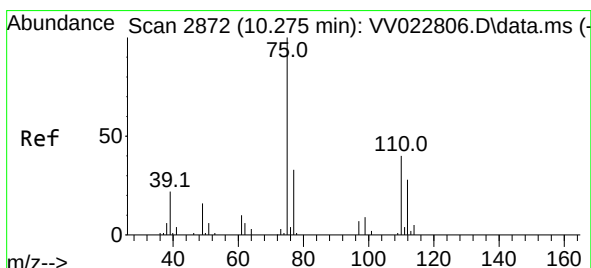
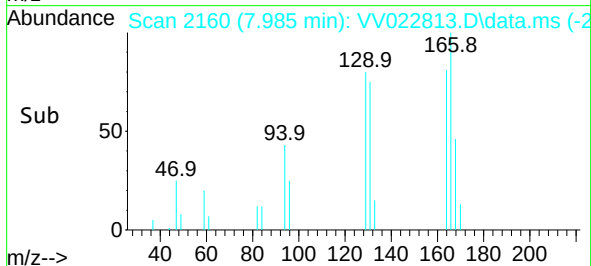
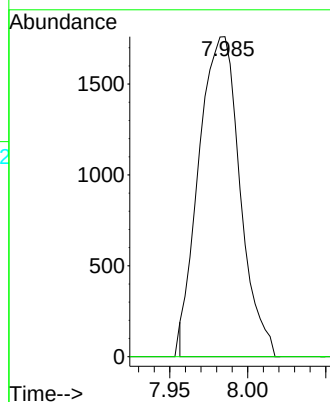
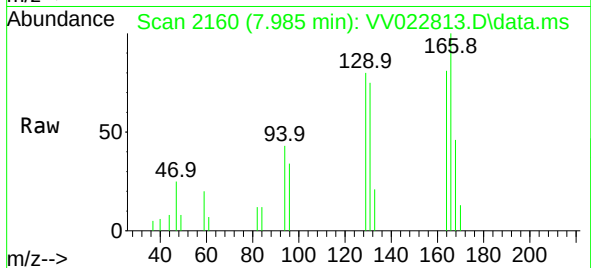
127 0.0 59.1 109.9#

Instrument :

MSVOA_V

ClientSampleId :

BFG93



#61

1,2,3-Trichloropropane

Concen: 1.618 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022813.D

Acq: 14 Oct 2021 23:52

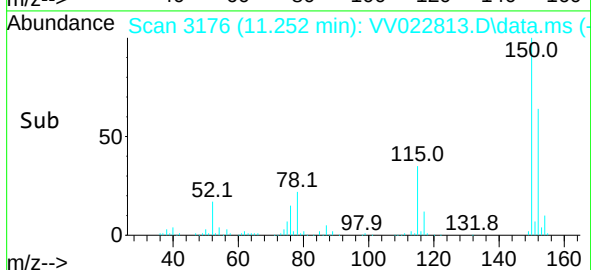
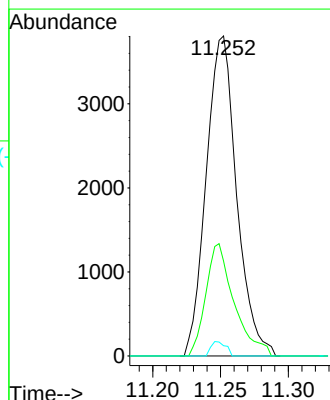
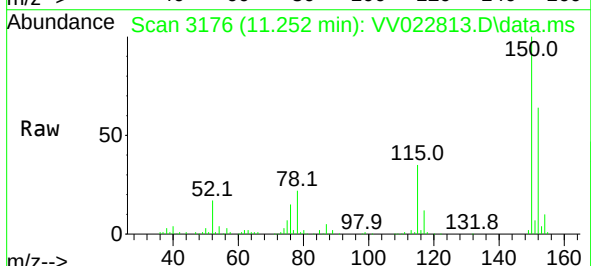
Tgt Ion: 75 Resp: 5946

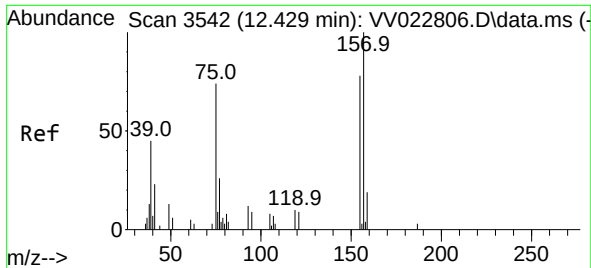
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

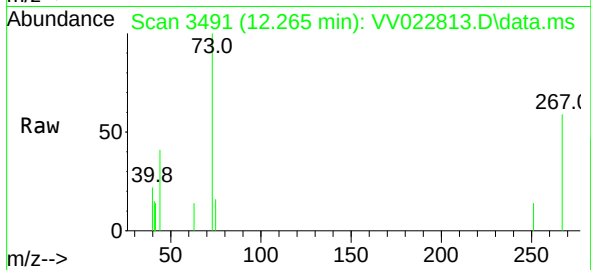
110 2.2 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.061 ug/L
 RT: 12.265 min Scan# 3491
 Delta R.T. -0.164 min
 Lab File: VV022813.D
 Acq: 14 Oct 2021 23:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG93



Tgt Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

