

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022937.D
 Acq On : 20 Oct 2021 17:18
 Operator : SY/MD
 Sample : M4137-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG89

Quant Time: Oct 21 02:47:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128358	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32926	3.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.568	69	29031	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.108	63	42202	2.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	3.889	46	95232	41.127	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.260%
24) Chloroform-d	4.352	84	67760	3.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.037	65	41987	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.053	84	174387	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.072	67	56912	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.320	98	143320	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	18226	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	77198	50.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38617	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	55977	5.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	626	0.067	ug/L	100
5) Vinyl chloride	1.310	62	858	0.088	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	795	0.103	ug/L #	1
13) Acetone	2.178	43	1970	1.526	ug/L #	30
17) Methyl tert-butyl Ether	2.770	73	7658	0.408	ug/L #	95
19) 1,1-Dichloroethane	3.191	63	13368	0.880	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	58687	6.629	ug/L	98
25) Chloroform	4.378	83	44660	2.537	ug/L	97
27) 1,2-Dichloroethane	5.149	62	1393	0.159	ug/L #	69
34) Trichloroethene	5.921	95	13252	1.387	ug/L	96
35) Methylcyclohexane	6.075	83	13591	1.015	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6468	0.765	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1377	0.123	ug/L #	75
42) Toluene	7.387	91	479429	13.440	ug/L	99
47) Tetrachloroethene	7.979	164	46763	6.052	ug/L	98
48) 2-Hexanone	8.162	43	3043	0.917	ug/L #	39
49) Dibromochloromethane	7.976	129	41805	5.695	ug/L #	7
53) m,p-xylene	9.149	106	1573	0.111	ug/L	78
61) 1,2,3-Trichloropropane	11.188	75	277	0.067	ug/L #	56

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022937.D
Acq On : 20 Oct 2021 17:18
Operator : SY/MD
Sample : M4137-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFG89

Quant Time: Oct 21 02:47:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

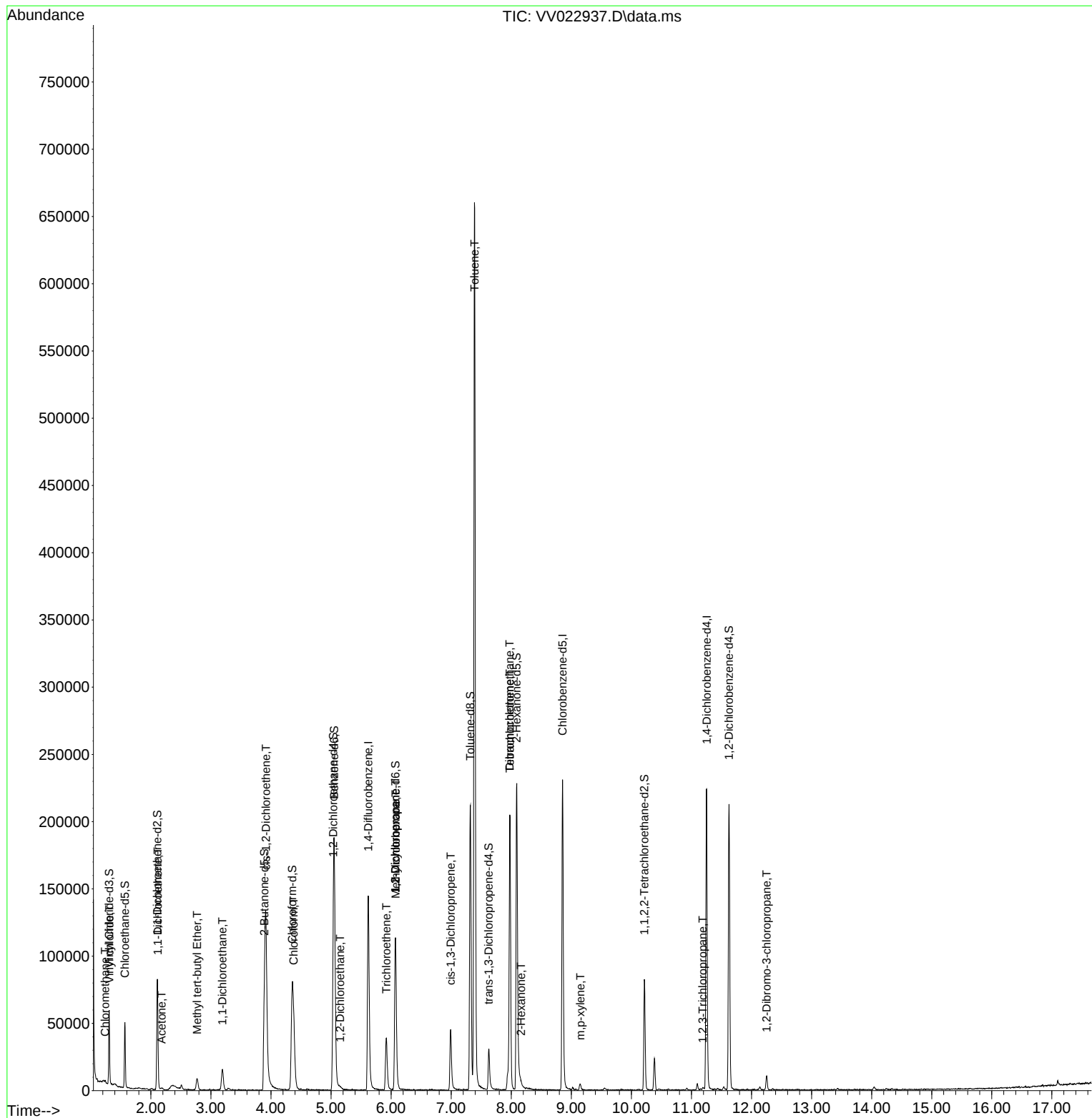
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.249	75	324	0.430	ug/L	# 1

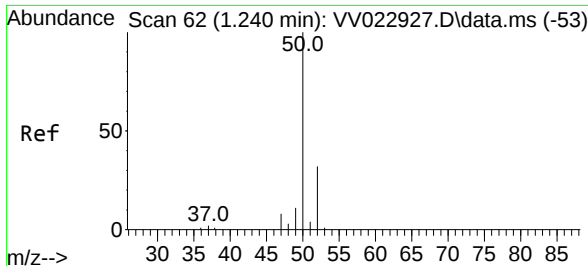
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022937.D
Acq On : 20 Oct 2021 17:18
Operator : SY/MD
Sample : M4137-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFG89

Quant Time: Oct 21 02:47:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

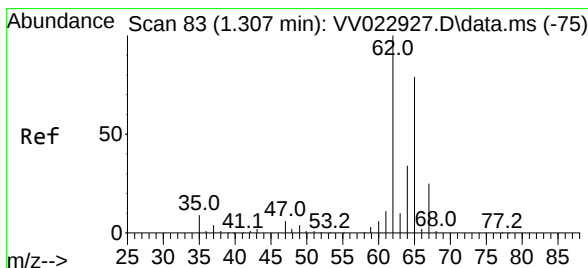
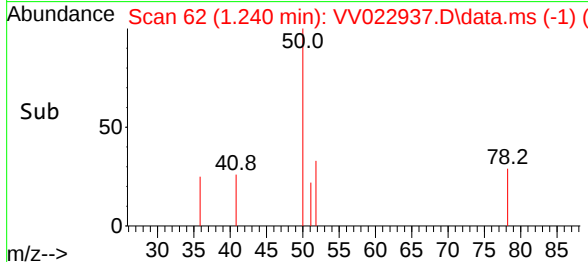
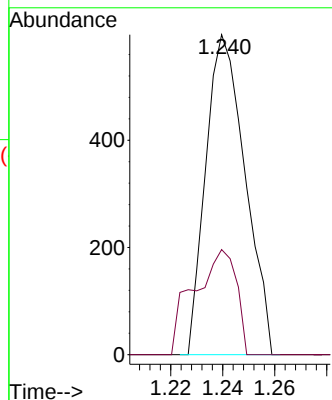
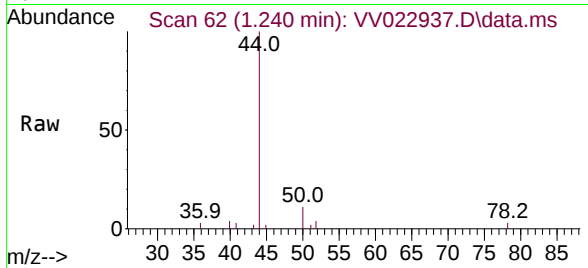




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

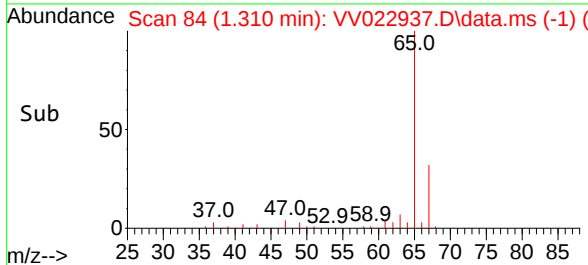
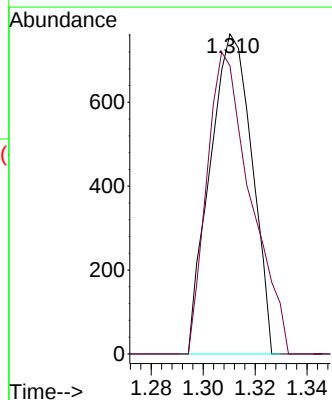
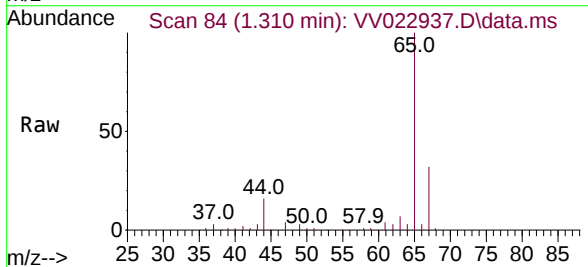
Instrument :
MSVOA_V
ClientSampleId :
BFG89

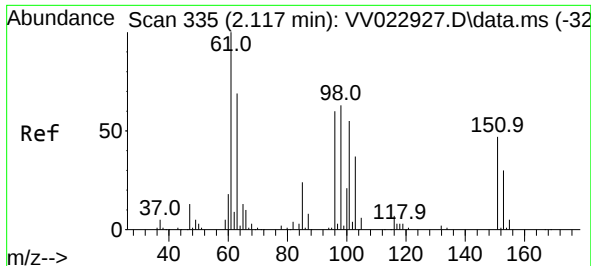
Tgt Ion: 50 Resp: 626
Ion Ratio Lower Upper
50 100
52 32.8 22.9 42.5



#5
Vinyl chloride
Concen: 0.088 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

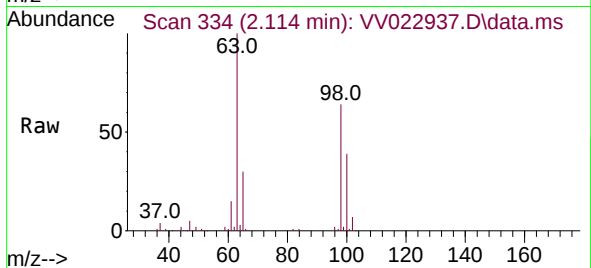
Tgt Ion: 62 Resp: 858
Ion Ratio Lower Upper
62 100
64 90.0 23.0 42.8#



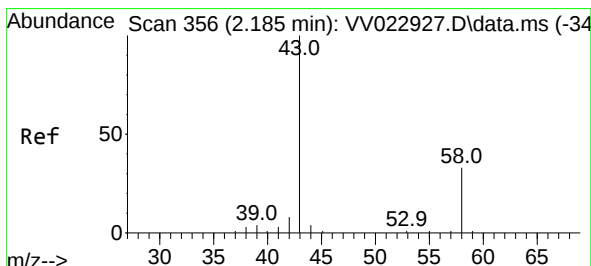
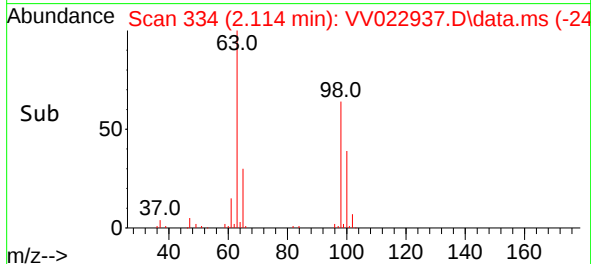
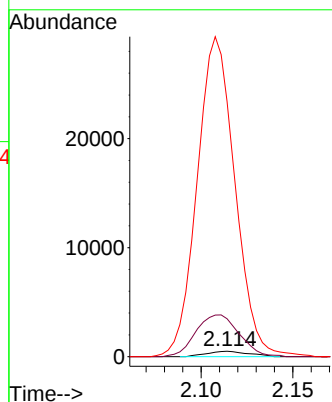


#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :
BFG89

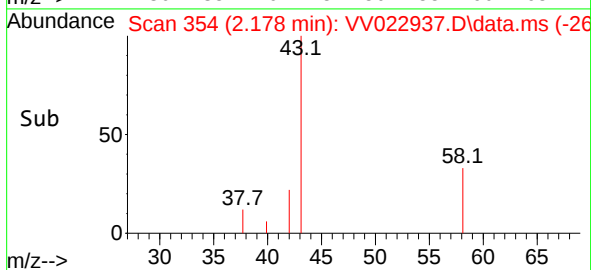
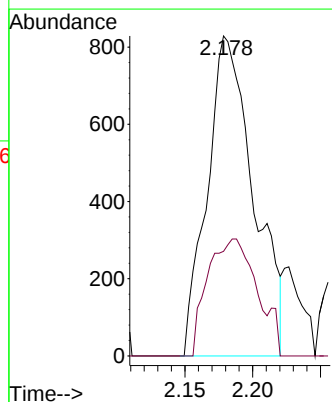
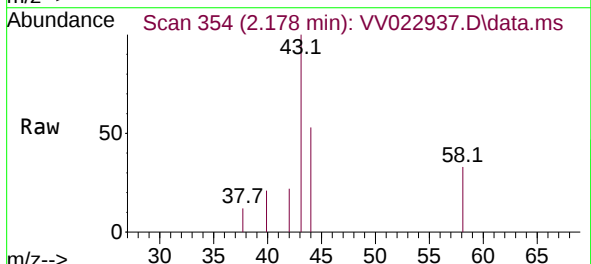


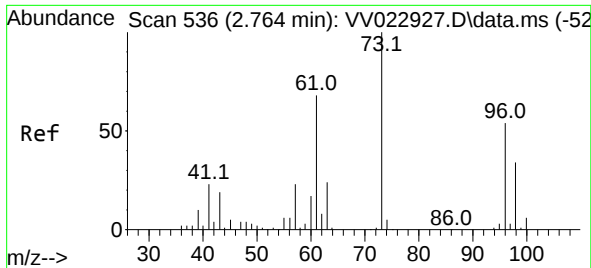
Tgt Ion: 96 Resp: 795
Ion Ratio Lower Upper
96 100
61 697.8 127.3 236.5#
63 4689.4 106.2 197.2#



#13
Acetone
Concen: 1.526 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.007 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 39.2 0.0 24.2#

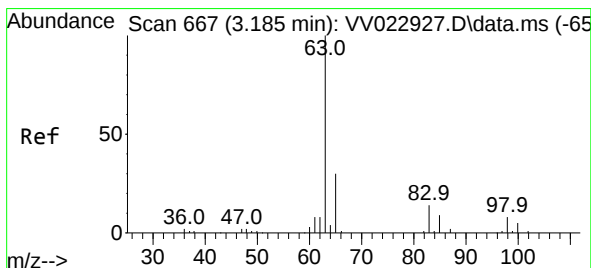
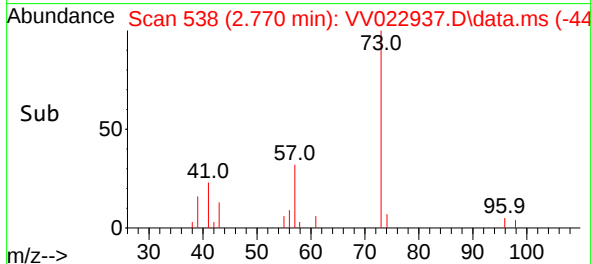
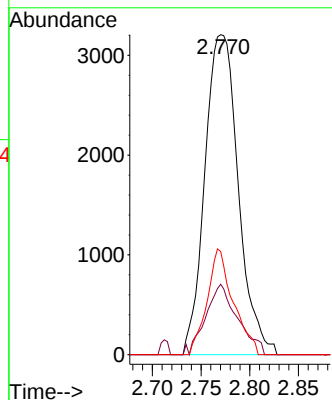
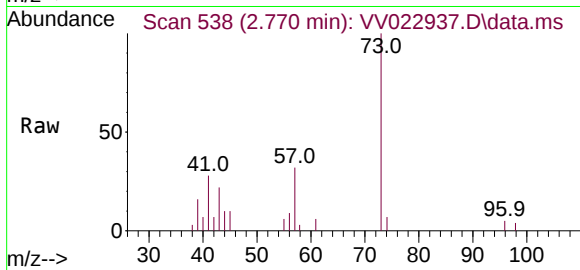




#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

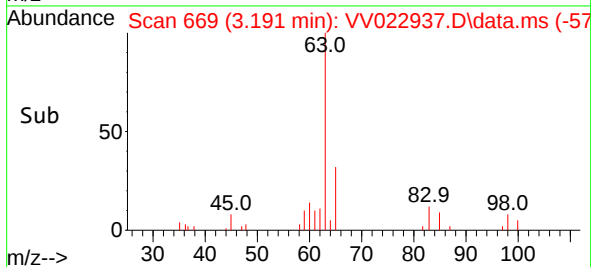
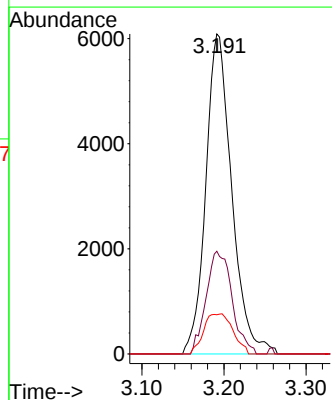
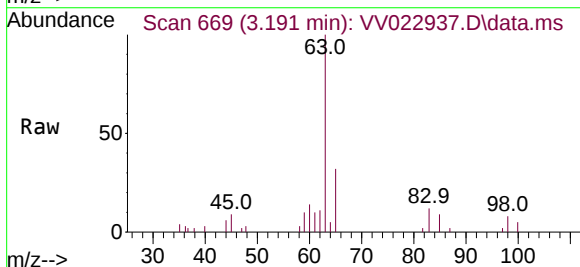
Instrument :
MSVOA_V
ClientSampleId :
BFG89

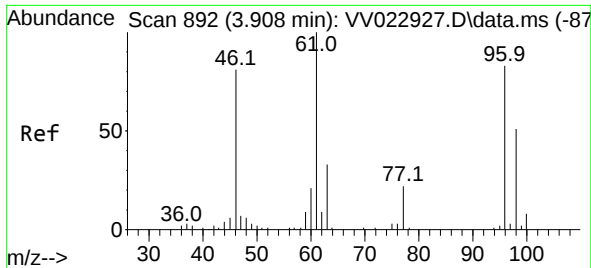
Tgt Ion: 73 Resp: 7658
Ion Ratio Lower Upper
73 100
43 21.0 17.1 25.7
57 25.8 17.2 25.8#



#19
1,1-Dichloroethane
Concen: 0.880 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion: 63 Resp: 13368
Ion Ratio Lower Upper
63 100
65 32.1 23.5 43.7
83 12.3 10.1 18.7

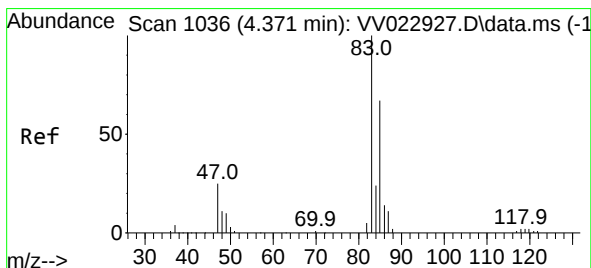
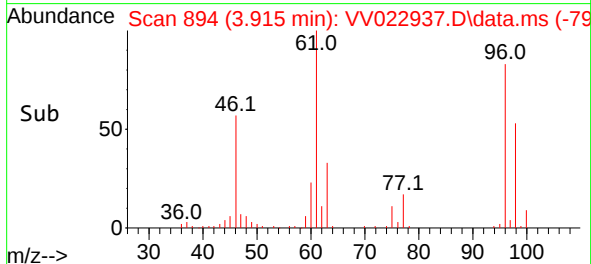
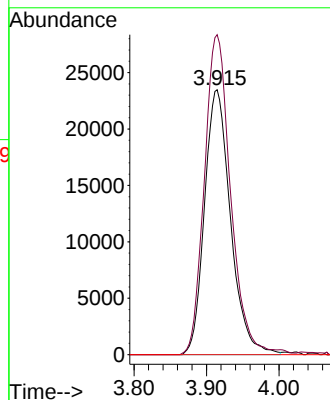
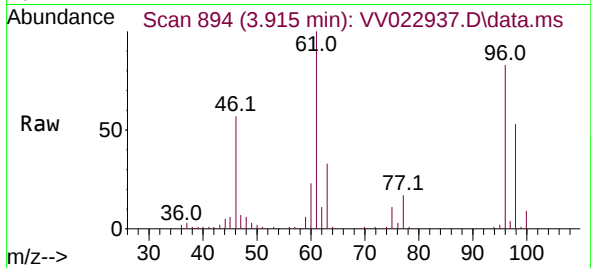




#22
cis-1,2-Dichloroethene
Concen: 6.629 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

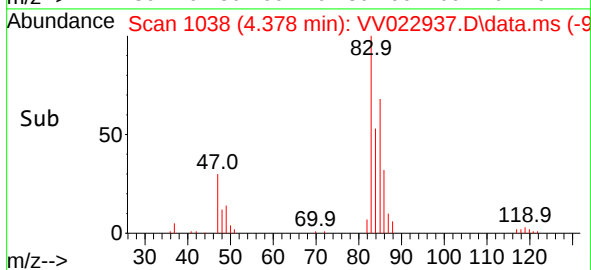
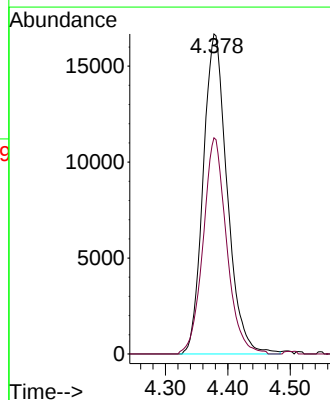
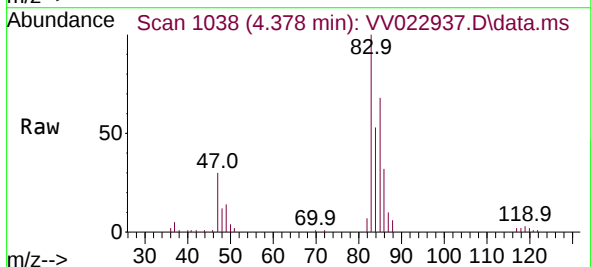
Instrument :
MSVOA_V
ClientSampleId :
BFG89

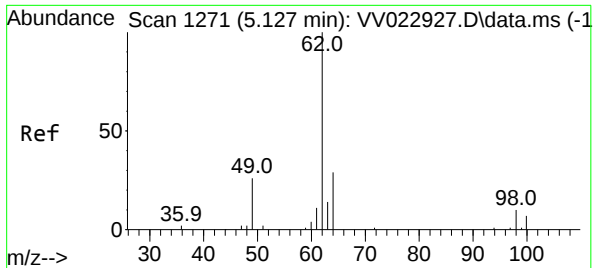
Tgt Ion: 96 Resp: 58687
Ion Ratio Lower Upper
96 100
61 120.8 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 2.537 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion: 83 Resp: 44660
Ion Ratio Lower Upper
83 100
85 67.5 45.7 84.9





#27

1,2-Dichloroethane

Concen: 0.159 ug/L

RT: 5.149 min Scan# 1278

Delta R.T. 0.022 min

Lab File: VV022937.D

Acq: 20 Oct 2021 17:18

Tgt Ion: 62 Resp: 1393

Ion Ratio Lower Upper

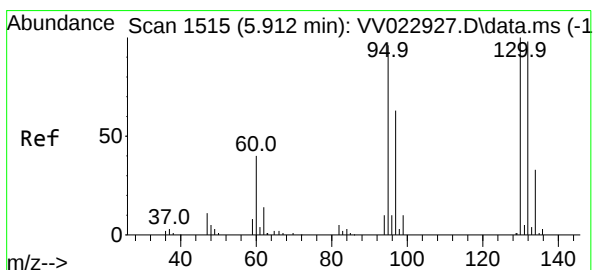
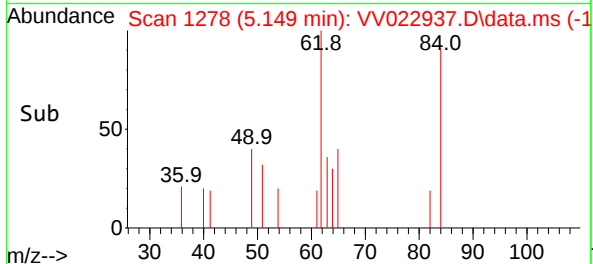
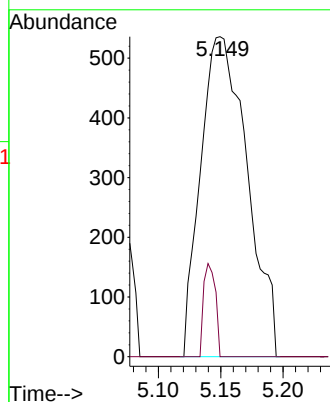
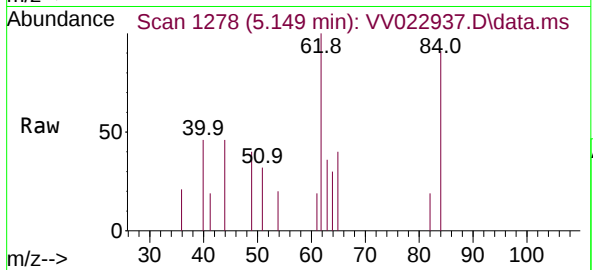
62	100		
98	0.0	9.7	14.5#

Instrument :

MSVOA_V

ClientSampleId :

BFG89



#34

Trichloroethene

Concen: 1.387 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

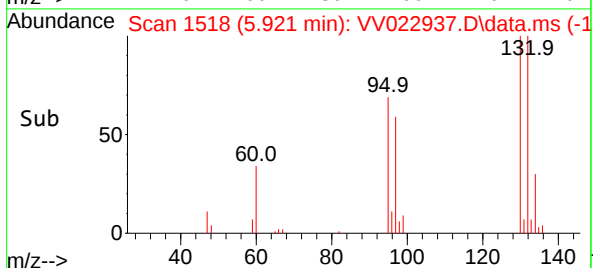
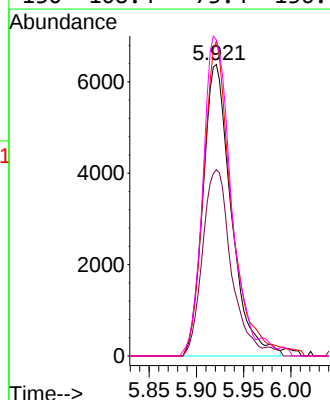
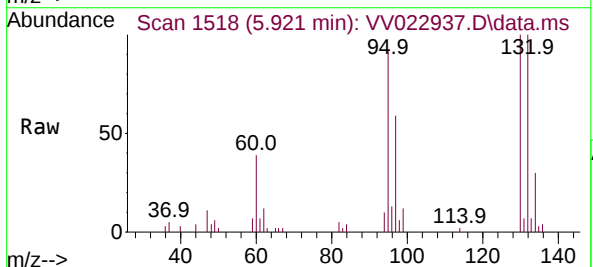
Lab File: VV022937.D

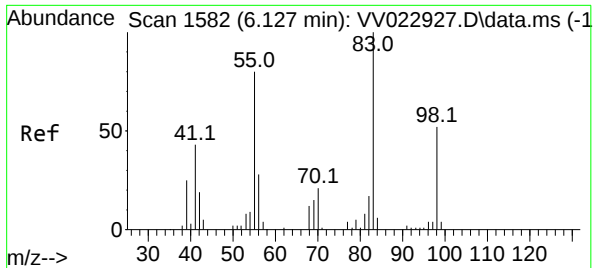
Acq: 20 Oct 2021 17:18

Tgt Ion: 95 Resp: 13252

Ion Ratio Lower Upper

95	100		
97	63.9	45.8	85.2
132	108.0	72.2	134.0
130	108.4	73.4	136.4

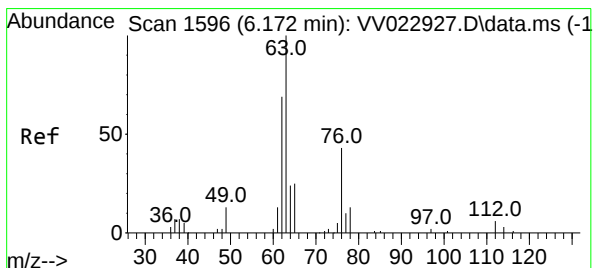
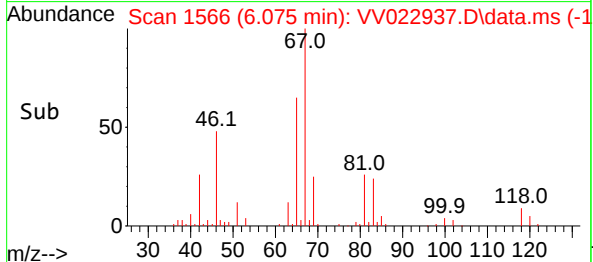
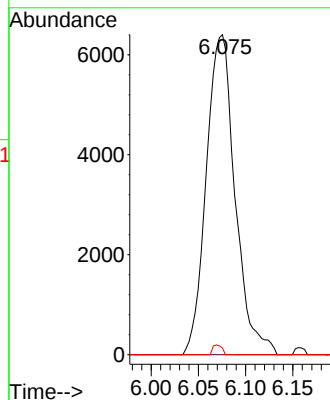
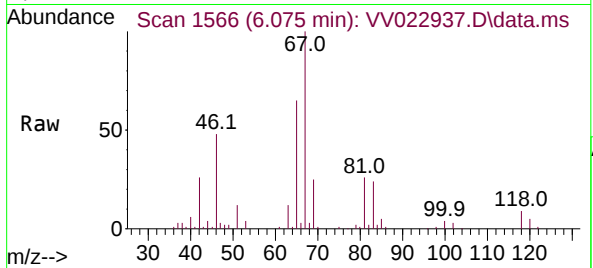




#35
Methylcyclohexane
Concen: 1.015 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.052 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

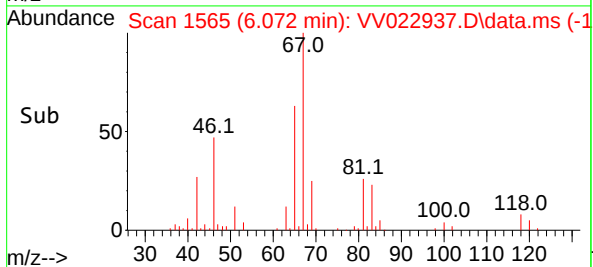
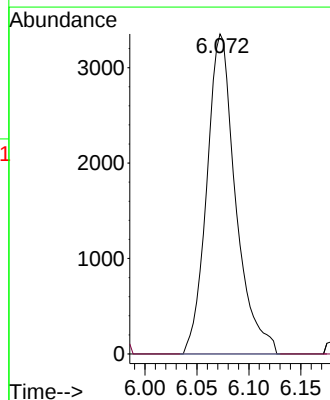
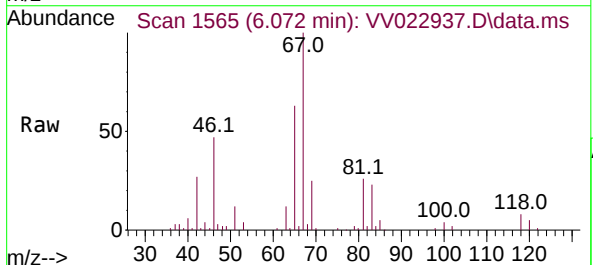
Instrument :
MSVOA_V
ClientSampleId :
BFG89

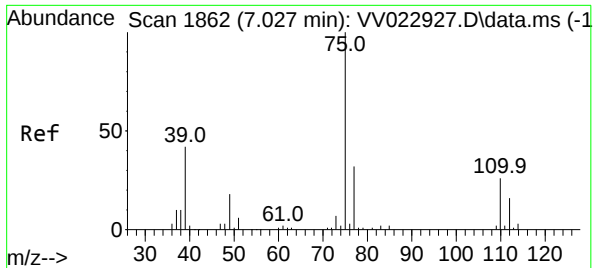
Tgt Ion:	83	Resp:	13591
Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.8	95.6#
98	1.0	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.765 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion:	63	Resp:	6468
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

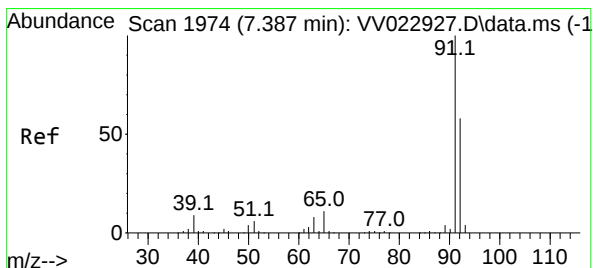
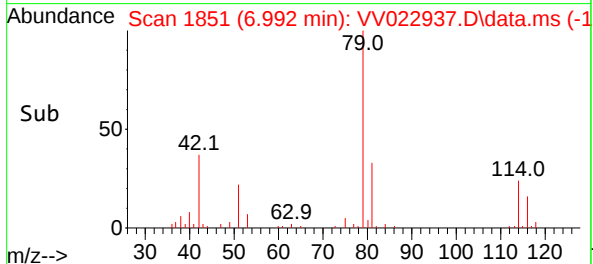
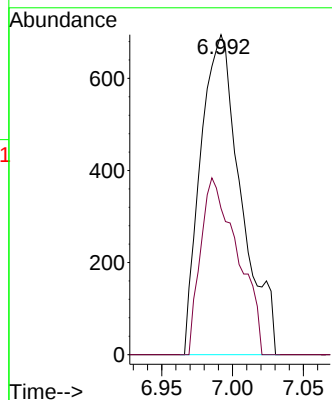
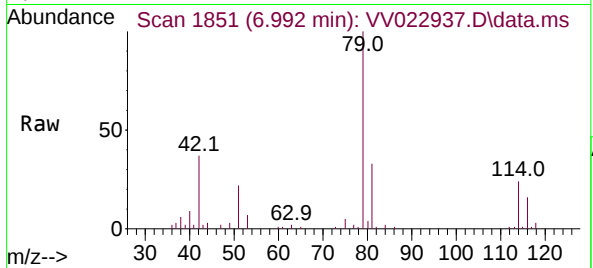




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022937.D
 Acq: 20 Oct 2021 17:18

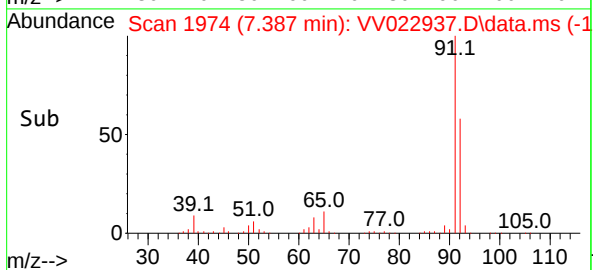
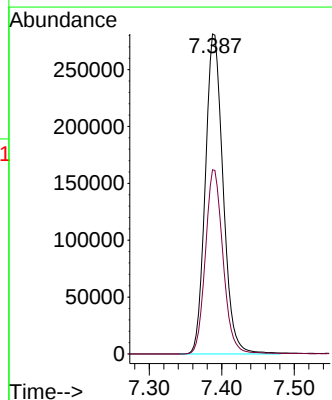
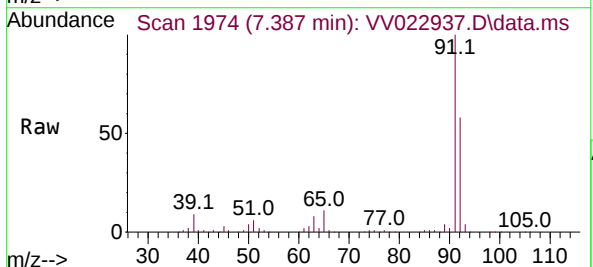
Instrument :
 MSVOA_V
 ClientSampleId :
 BFG89

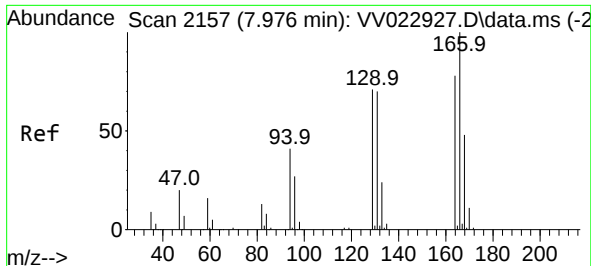
Tgt Ion: 75 Resp: 1377
 Ion Ratio Lower Upper
 75 100
 77 45.8 22.3 41.3#



#42
 Toluene
 Concen: 13.440 ug/L
 RT: 7.387 min Scan# 1974
 Delta R.T. -0.000 min
 Lab File: VV022937.D
 Acq: 20 Oct 2021 17:18

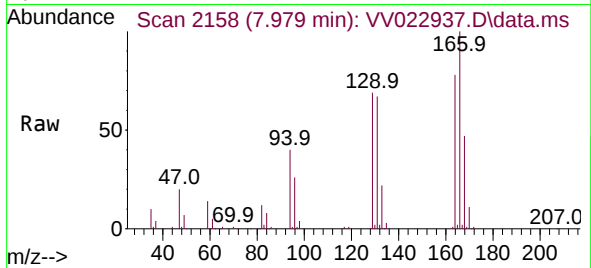
Tgt Ion: 91 Resp: 479429
 Ion Ratio Lower Upper
 91 100
 92 57.6 40.7 75.7



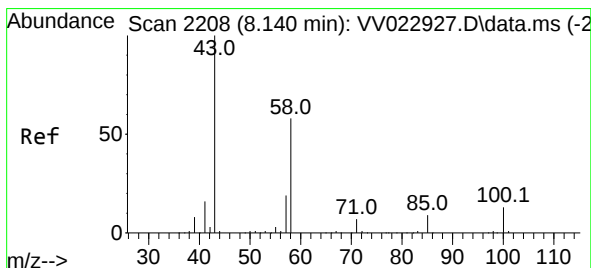
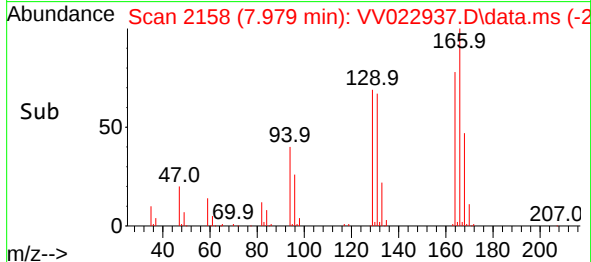
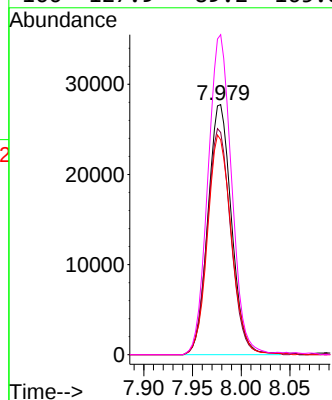


#47
Tetrachloroethene
Concen: 6.052 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :
BFG89

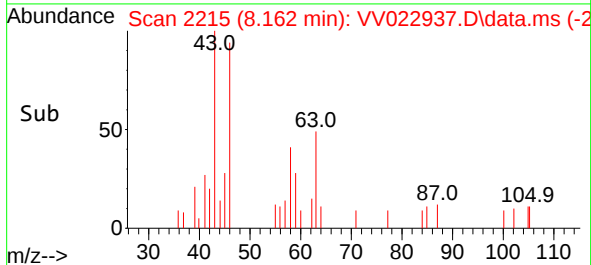
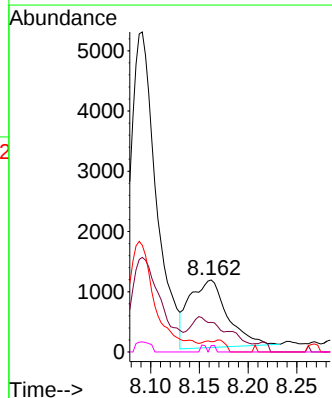
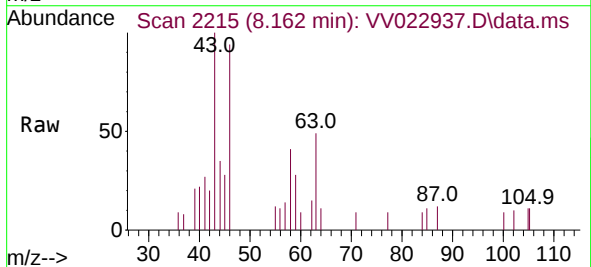


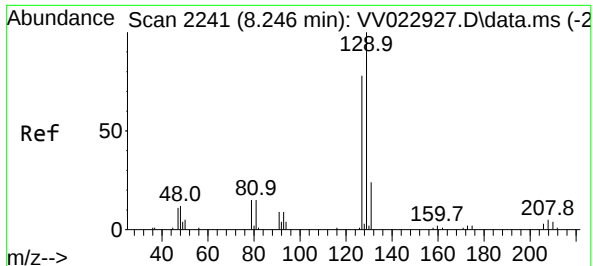
Tgt Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.0	120.6
131	85.9	62.2	115.4
166	127.9	89.2	165.8



#48
2-Hexanone
Concen: 0.917 ug/L
RT: 8.162 min Scan# 2215
Delta R.T. 0.022 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	3.8	47.4	71.0#
57	0.0	15.3	22.9#
100	1.4	10.4	15.6#





#49

Dibromochloromethane

Concen: 5.695 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022937.D

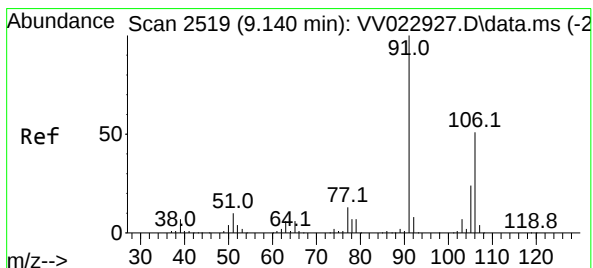
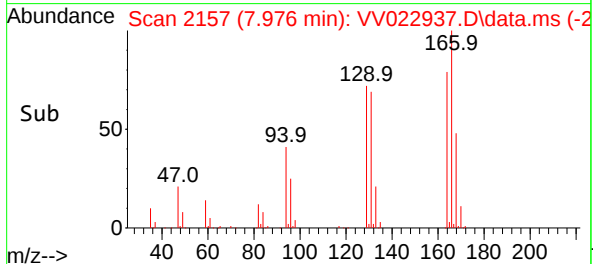
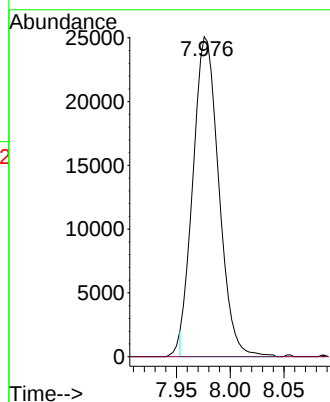
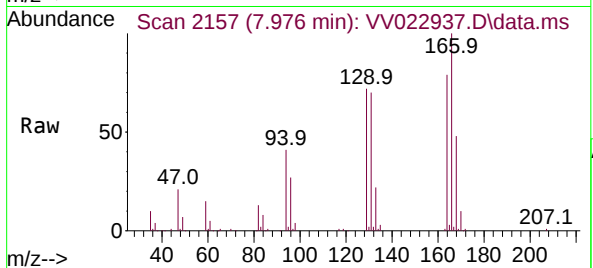
Acq: 20 Oct 2021 17:18

Tgt Ion:129 Resp: 41805

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#53

m,p-xylene

Concen: 0.111 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.010 min

Lab File: VV022937.D

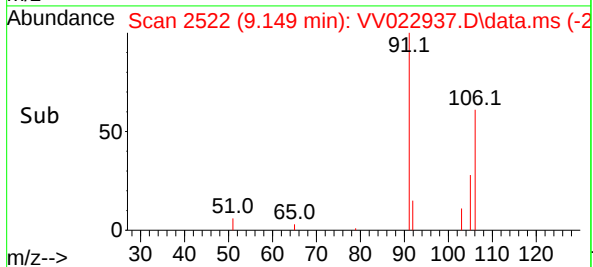
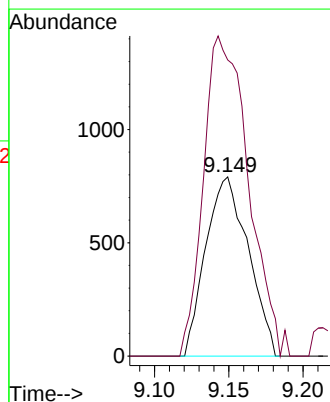
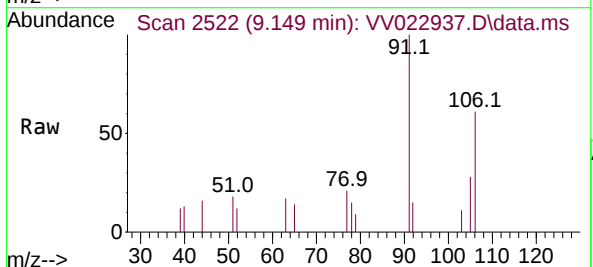
Acq: 20 Oct 2021 17:18

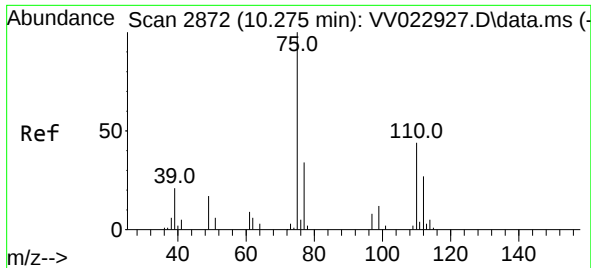
Tgt Ion:106 Resp: 1573

Ion Ratio Lower Upper

106 100

91 165.2 138.7 257.5

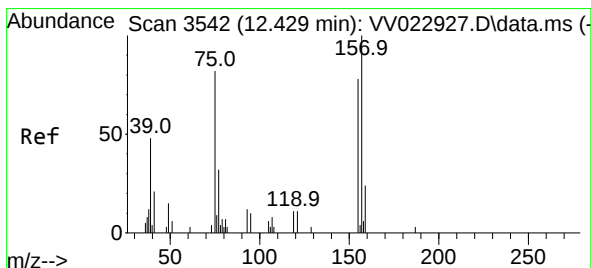
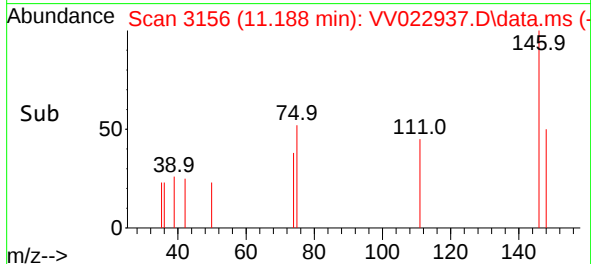
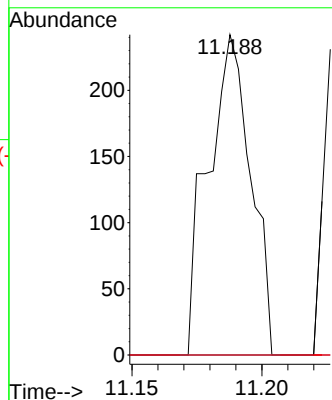
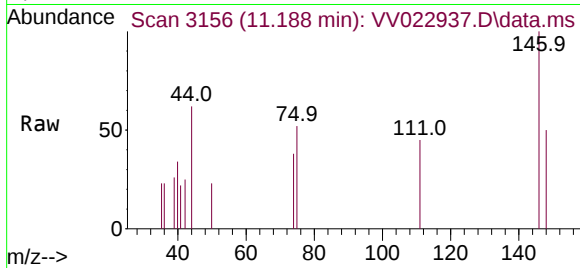




#61
1,2,3-Trichloropropane
Concen: 0.067 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.913 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :
BFG89

Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
77 38.6 25.4 38.2#
110 0.0 34.2 51.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.430 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion: 75 Resp: 324
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

