

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023012.D
 Acq On : 23 Oct 2021 16:11
 Operator : SY/MD
 Sample : M4277-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB2

Quant Time: Oct 25 01:07:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

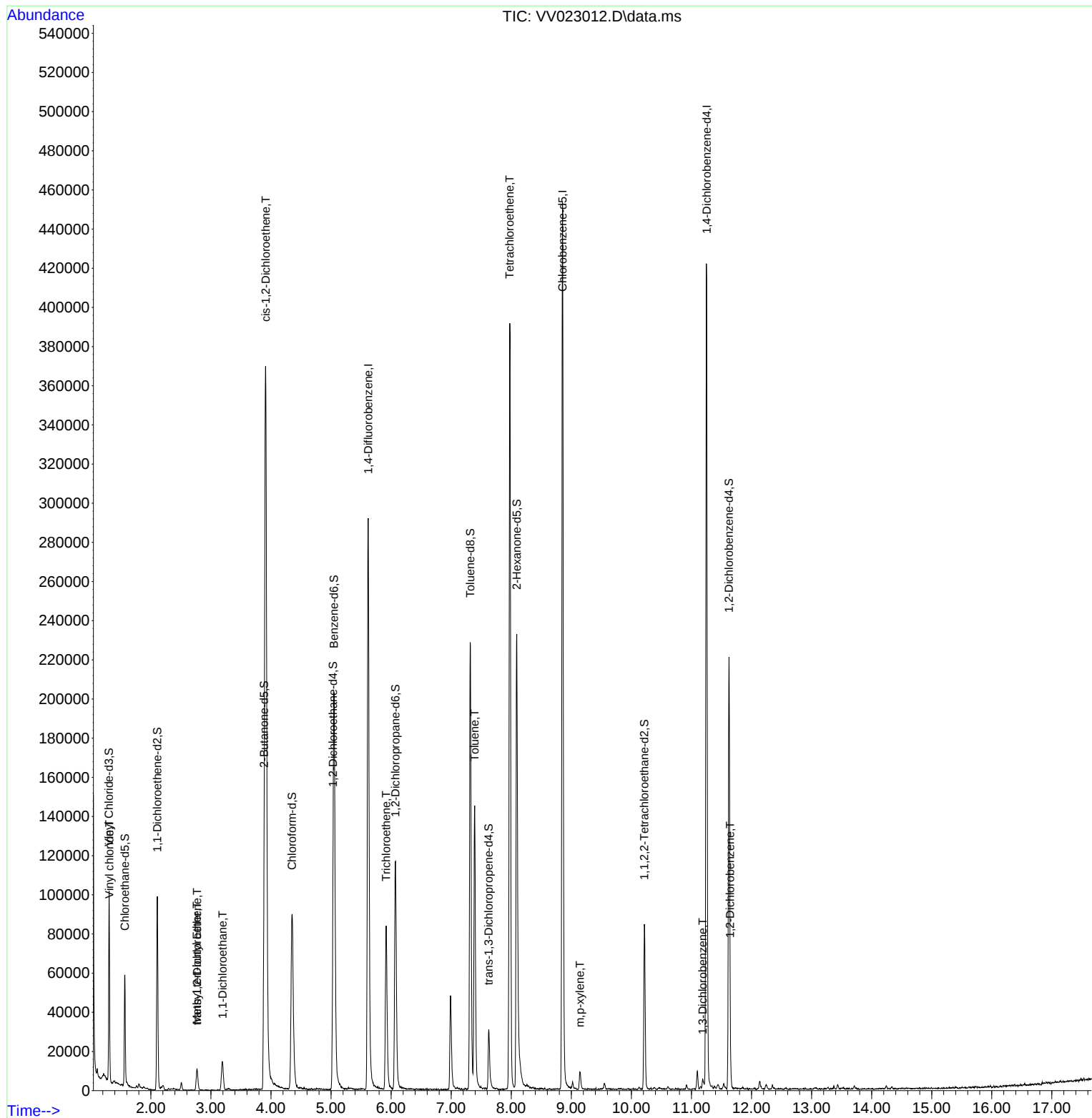
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	252390	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	257538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	112422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54055	2.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.000%
7) Chloroethane-d5	1.568	69	34367	2.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.400%#
11) 1,1-Dichloroethene-d2	2.108	63	49882	1.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	31.400%#
20) 2-Butanone-d5	3.886	46	107761	30.460	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.920%
24) Chloroform-d	4.349	84	94598	2.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	52.800%#
26) 1,2-Dichloroethane-d4	5.034	65	44233	2.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.400%#
32) Benzene-d6	5.050	84	186994	2.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	49.800%#
36) 1,2-Dichloropropane-d6	6.072	67	58495	2.527	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	50.600%#
41) Toluene-d8	7.316	98	154059	2.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	45.600%#
43) trans-1,3-Dichloroprop...	7.625	79	17971	2.216	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.400%#
46) 2-Hexanone-d5	8.091	63	75231	25.056	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	50.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40573	2.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	50.800%#
66) 1,2-Dichlorobenzene-d4	11.625	152	59065	2.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	58.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	3358	0.188	ug/L #	66
17) Methyl tert-butyl Ether	2.767	73	8679	0.281	ug/L	96
18) trans-1,2-Dichloroethene	2.770	96	861	0.062	ug/L	87
19) 1,1-Dichloroethane	3.194	63	13492	0.532	ug/L	95
22) cis-1,2-Dichloroethene	3.911	96	198300	12.678	ug/L #	88
34) Trichloroethene	5.918	95	29364	1.687	ug/L	99
42) Toluene	7.390	91	107203	1.526	ug/L	97
47) Tetrachloroethene	7.976	164	90588	6.159	ug/L	98
53) m,p-xylene	9.143	106	2719	0.097	ug/L	92
64) 1,3-Dichlorobenzene	11.188	146	2101	0.070	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	1685	0.060	ug/L #	83

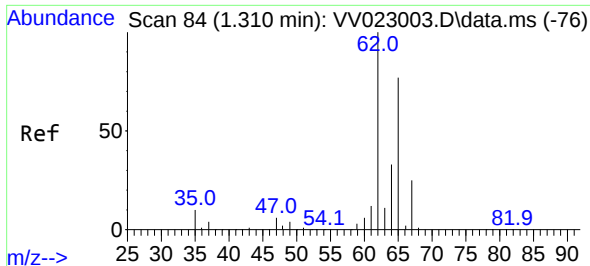
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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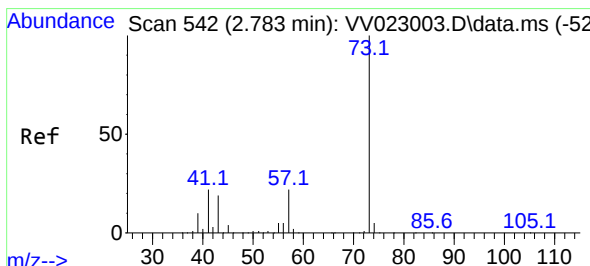
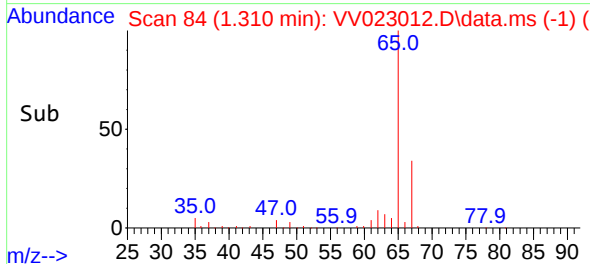
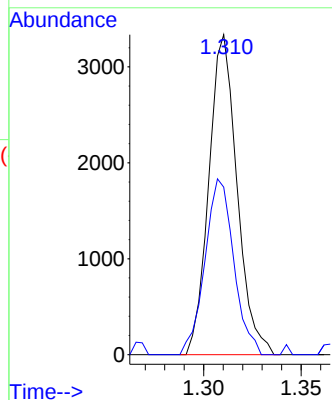
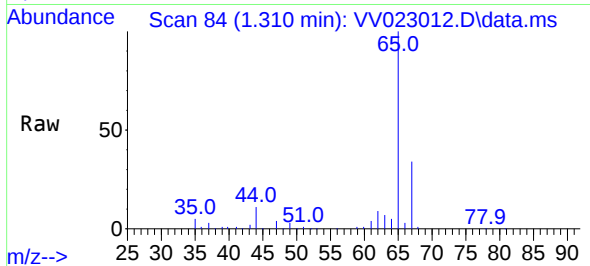




#5
 Vinyl chloride
 Concen: 0.188 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023012.D
 Acq: 23 Oct 2021 16:11

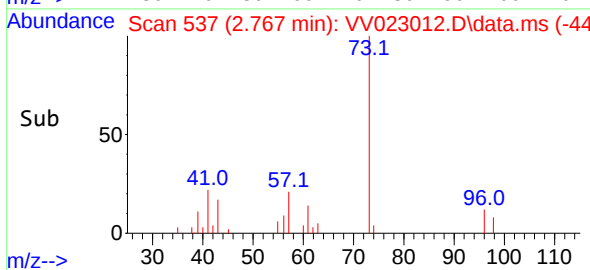
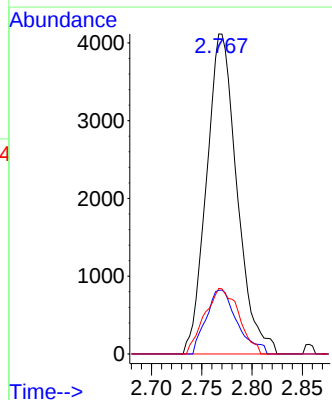
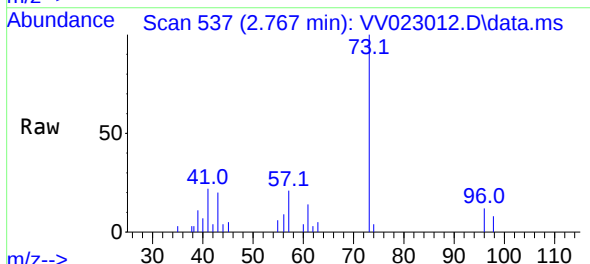
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGB2

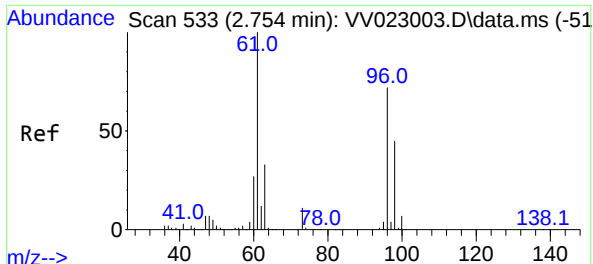
Tgt Ion: 62 Resp: 3358
 Ion Ratio Lower Upper
 62 100
 64 52.3 23.1 42.9#



#17
 Methyl tert-butyl Ether
 Concen: 0.281 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.016 min
 Lab File: VV023012.D
 Acq: 23 Oct 2021 16:11

Tgt Ion: 73 Resp: 8679
 Ion Ratio Lower Upper
 73 100
 43 20.4 17.4 26.0
 57 22.9 16.5 24.7

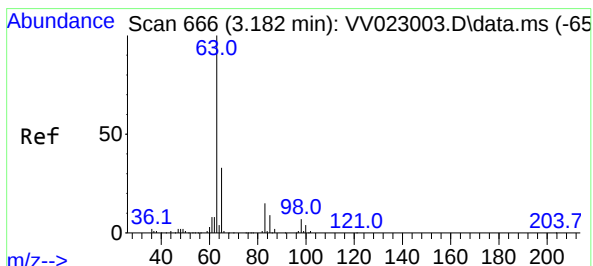
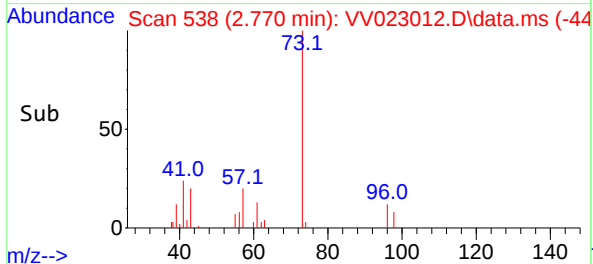
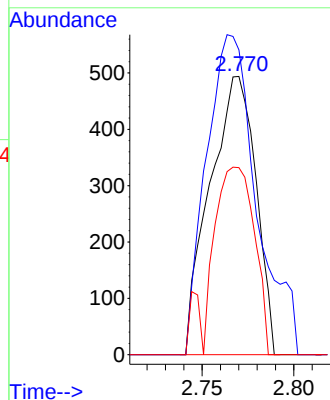
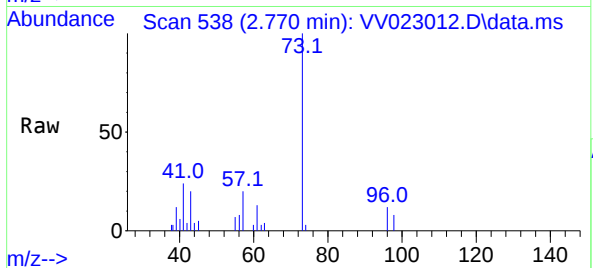




#18
trans-1,2-Dichloroethene
Concen: 0.062 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV023012.D
Acq: 23 Oct 2021 16:11

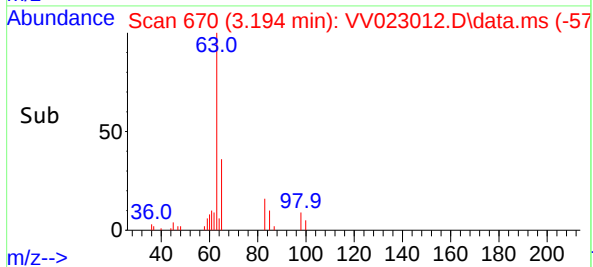
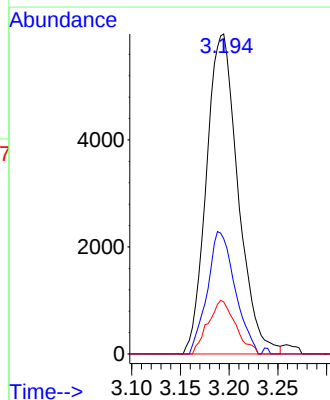
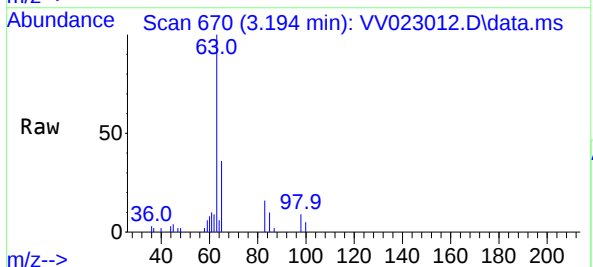
Instrument :
MSVOA_V
ClientSampleId :
BFGB2

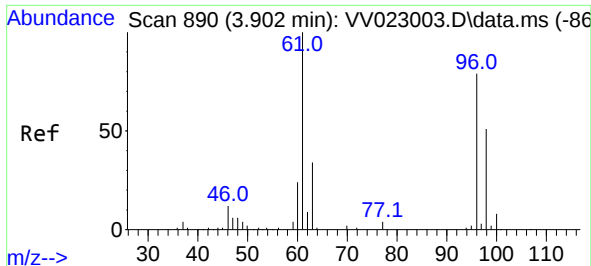
Tgt Ion: 96 Resp: 861
Ion Ratio Lower Upper
96 100
61 109.5 93.2 173.2
98 67.2 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.532 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.013 min
Lab File: VV023012.D
Acq: 23 Oct 2021 16:11

Tgt Ion: 63 Resp: 13492
Ion Ratio Lower Upper
63 100
65 36.0 22.6 42.0
83 16.3 11.1 20.7

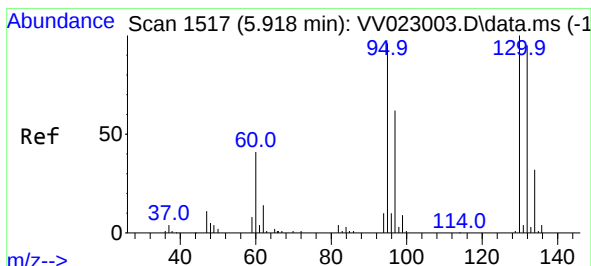
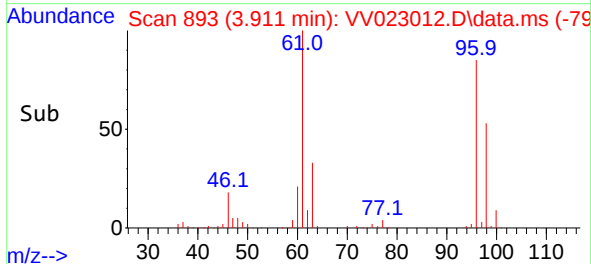
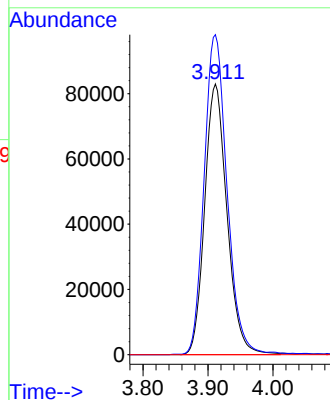
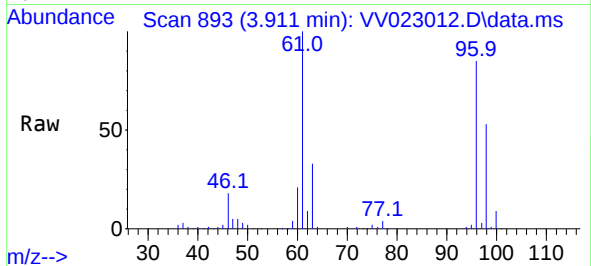




#22
 cis-1,2-Dichloroethene
 Concen: 12.678 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV023012.D
 Acq: 23 Oct 2021 16:11

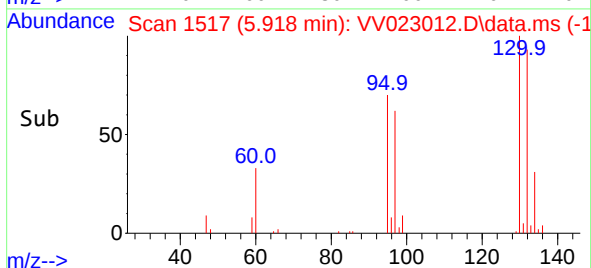
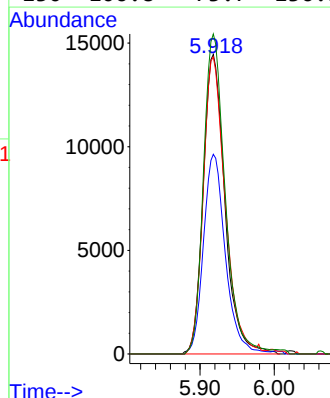
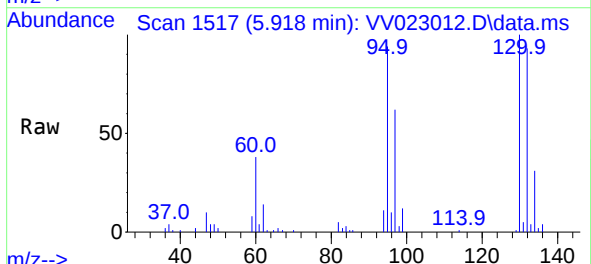
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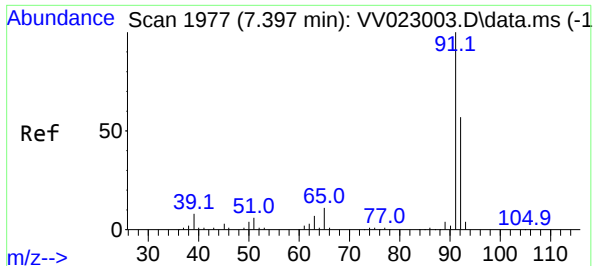
Tgt Ion: 96 Resp: 198300
 Ion Ratio Lower Upper
 96 100
 61 118.2 92.3 171.3
 68 0.0 0.4 0.8#



#34
 Trichloroethene
 Concen: 1.687 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VV023012.D
 Acq: 23 Oct 2021 16:11

Tgt Ion: 95 Resp: 29364
 Ion Ratio Lower Upper
 95 100
 97 66.6 45.0 83.6
 132 99.2 69.7 129.4
 130 106.8 73.7 136.9





#42

Toluene

Concen: 1.526 ug/L

RT: 7.390 min Scan# 1977

Delta R.T. -0.006 min

Lab File: VV023012.D

Acq: 23 Oct 2021 16:11

Instrument :

MSVOA_V

ClientSampleId :

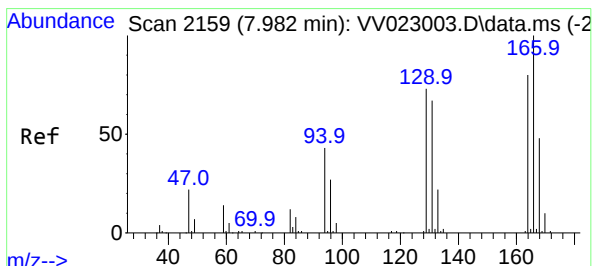
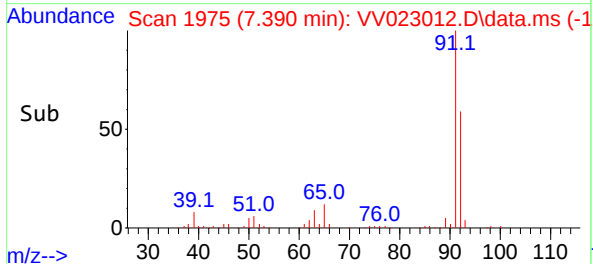
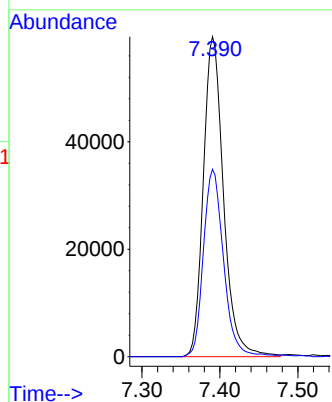
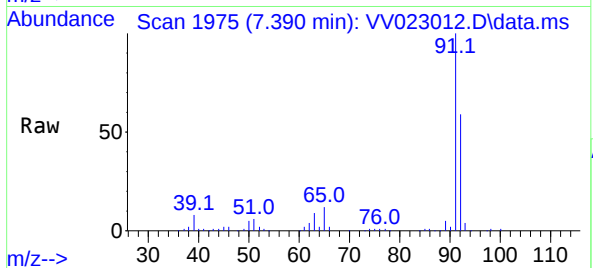
BFGB2

Tgt Ion: 91 Resp: 107203

Ion Ratio Lower Upper

91 100

92 58.6 39.3 72.9



#47

Tetrachloroethene

Concen: 6.159 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.006 min

Lab File: VV023012.D

Acq: 23 Oct 2021 16:11

Tgt Ion:164 Resp: 90588

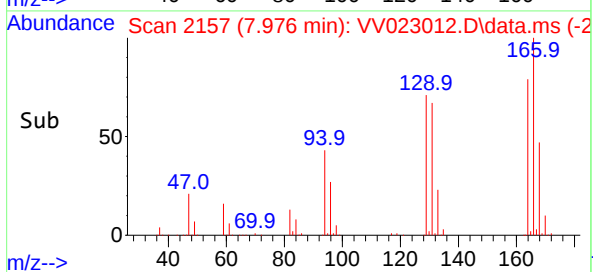
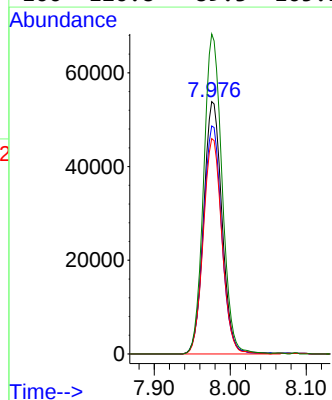
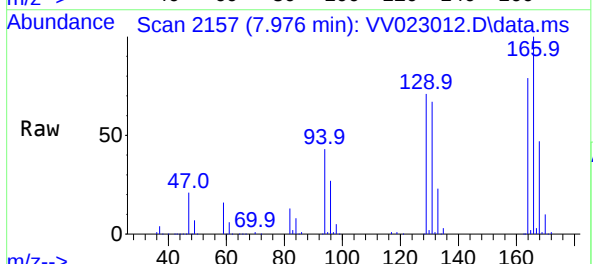
Ion Ratio Lower Upper

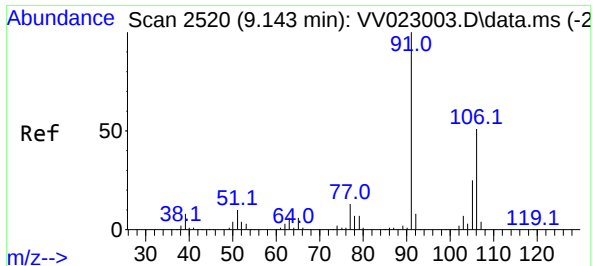
164 100

129 90.3 64.0 119.0

131 85.4 63.4 117.8

166 126.8 89.3 165.9

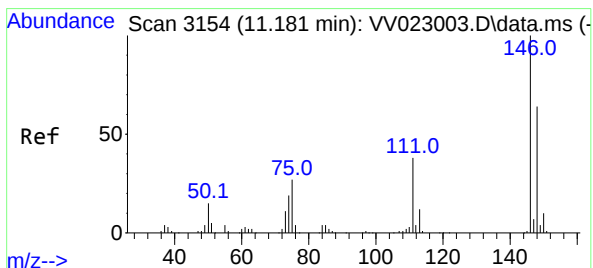
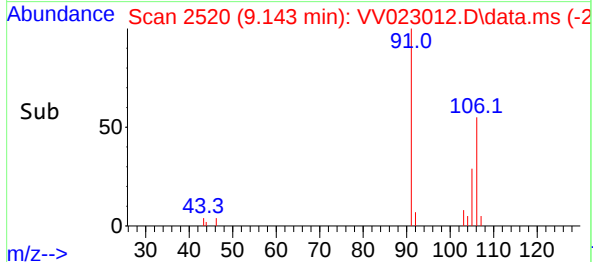
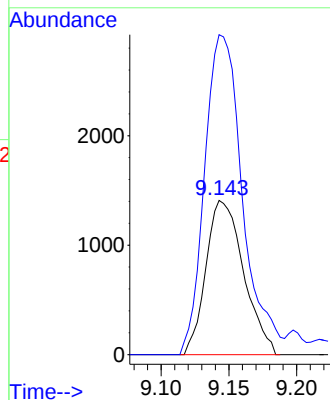
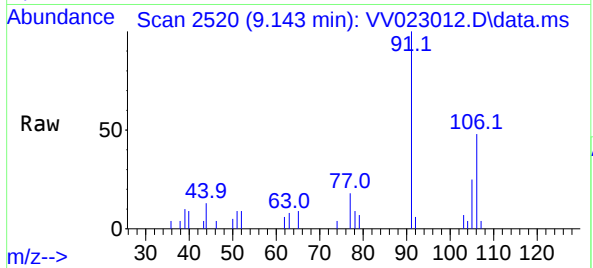




#53
m,p-xylene
Concen: 0.097 ug/L
RT: 9.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023012.D
Acq: 23 Oct 2021 16:11

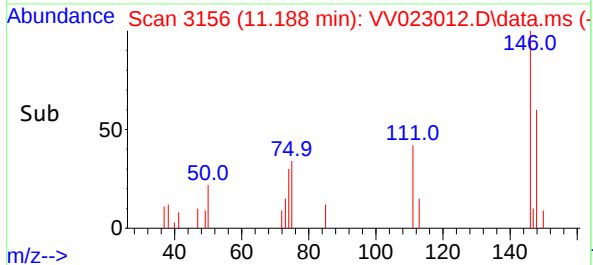
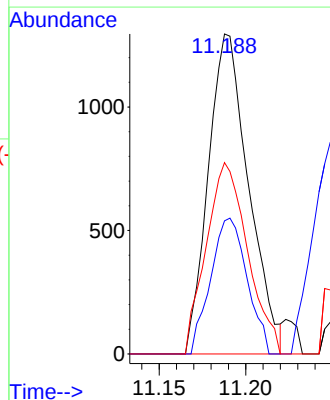
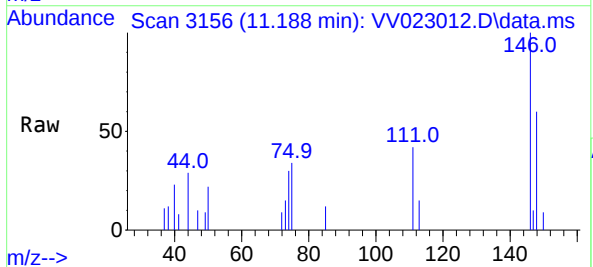
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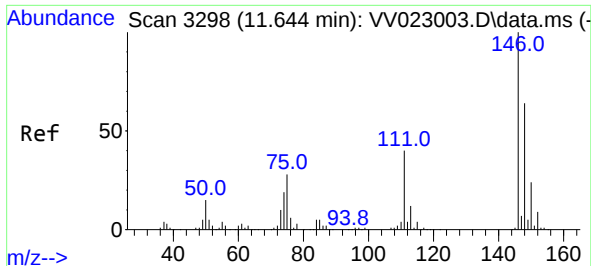
Tgt Ion:106 Resp: 2719
Ion Ratio Lower Upper
106 100
91 207.5 137.2 254.8



#64
1,3-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV023012.D
Acq: 23 Oct 2021 16:11

Tgt Ion:146 Resp: 2101
Ion Ratio Lower Upper
146 100
111 41.6 26.7 49.7
148 59.8 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 0.060 ug/L

RT: 11.644 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023012.D

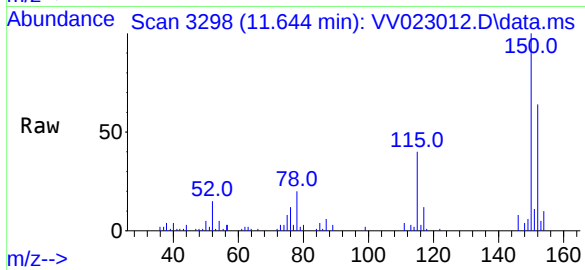
Acq: 23 Oct 2021 16:11

Instrument :

MSVOA_V

ClientSampleId :

BFGB2



Tgt Ion:146 Resp: 1685

Ion Ratio Lower Upper

146 100

111 50.6 31.6 47.4#

148 50.9 51.0 76.6#

