

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023044.D
 Acq On : 26 Oct 2021 17:39
 Operator : SY/MD
 Sample : M4277-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE5

Quant Time: Oct 27 01:34:43 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

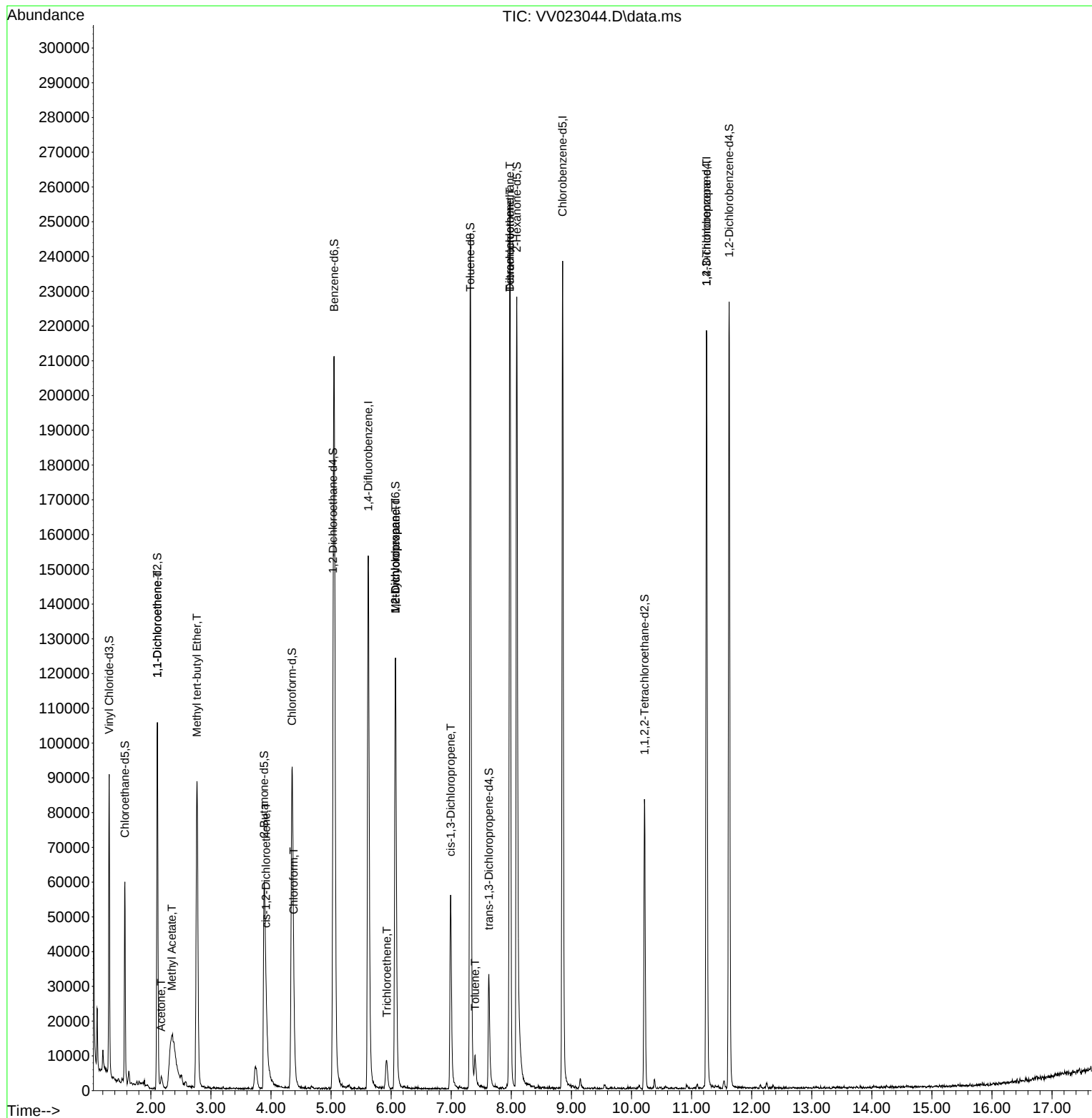
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52745	4.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.568	69	34730	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	54327	3.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.886	46	107322	54.994	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.980%
24) Chloroform-d	4.349	84	94154	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.034	65	45192	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.050	84	195915	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.072	67	61847	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	165131	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	19819	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.092	63	73989	46.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40943	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60750	5.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	483	0.068	ug/L #	1
13) Acetone	2.172	43	4517	4.718	ug/L	90
15) Methyl Acetate	2.349	43	6081	1.670	ug/L #	47
17) Methyl tert-butyl Ether	2.767	73	85685	5.035	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	2627	0.304	ug/L #	87
25) Chloroform	4.378	83	11633	0.630	ug/L	97
34) Trichloroethene	5.928	95	2738	0.300	ug/L	86
35) Methylcyclohexane	6.072	83	15364	1.174	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6812	0.743	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1365	0.120	ug/L #	74
42) Toluene	7.397	91	6164	0.167	ug/L	88
47) Tetrachloroethene	7.976	164	58023	7.514	ug/L	95
49) Dibromochloromethane	7.976	129	51252	6.714	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6598	1.574	ug/L #	65

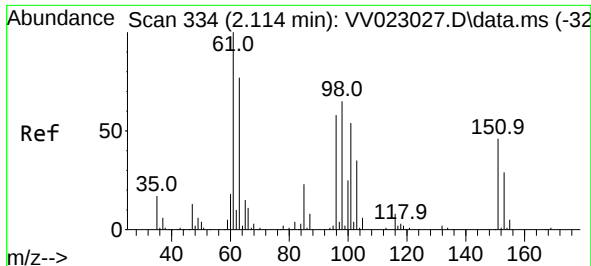
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

Instrument :

MSVOA_V

ClientSampleId :

BFG5

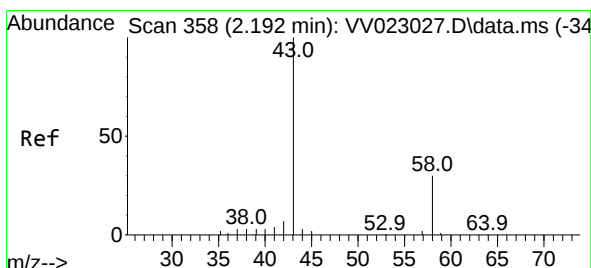
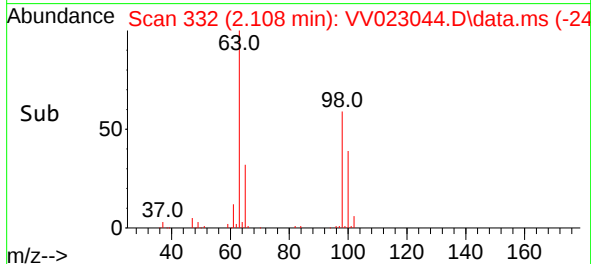
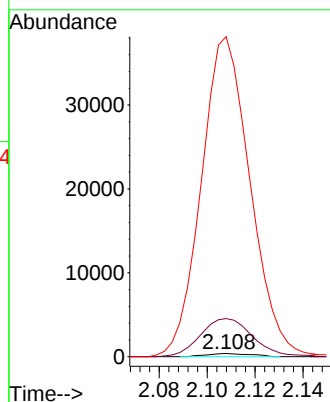
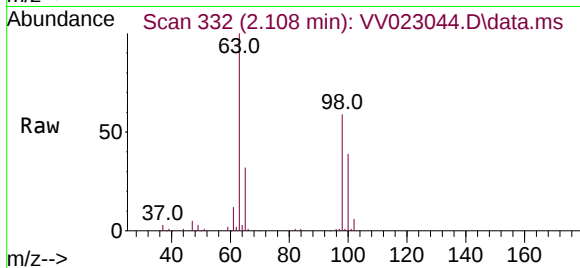
Tgt Ion: 96 Resp: 483

Ion Ratio Lower Upper

96 100

61 1204.5 121.5 225.7#

63 10119.9 99.6 185.0#



#13

Acetone

Concen: 4.718 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.019 min

Lab File: VV023044.D

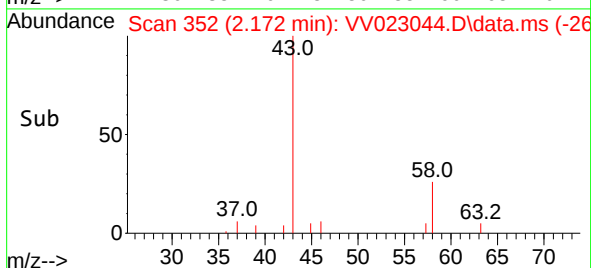
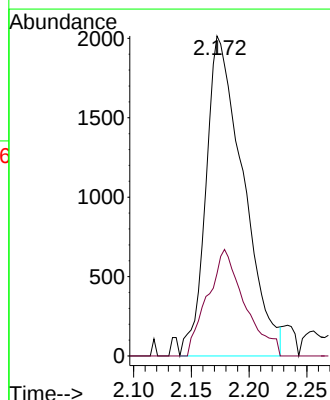
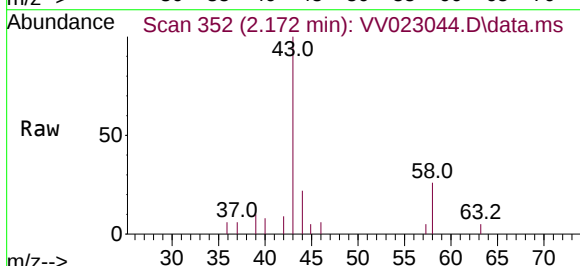
Acq: 26 Oct 2021 17:39

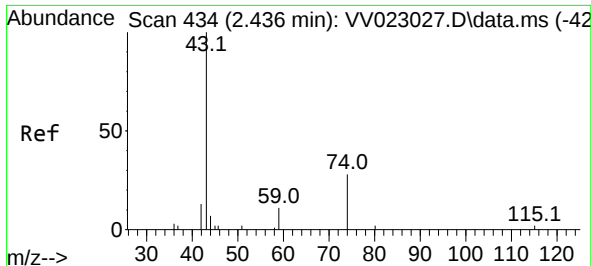
Tgt Ion: 43 Resp: 4517

Ion Ratio Lower Upper

43 100

58 33.2 0.0 55.4

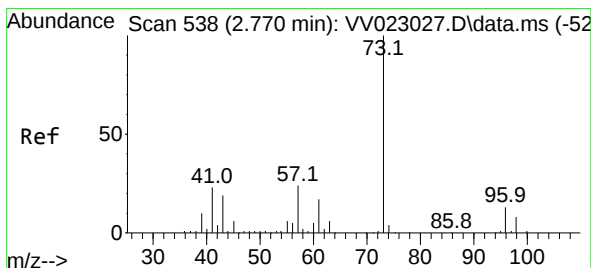
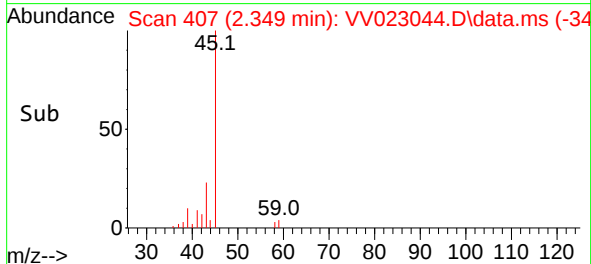
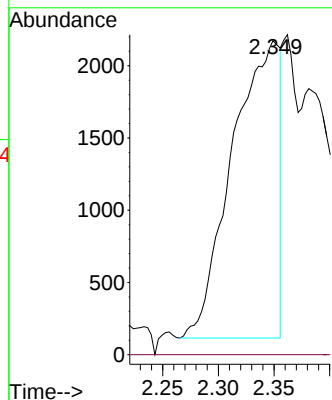
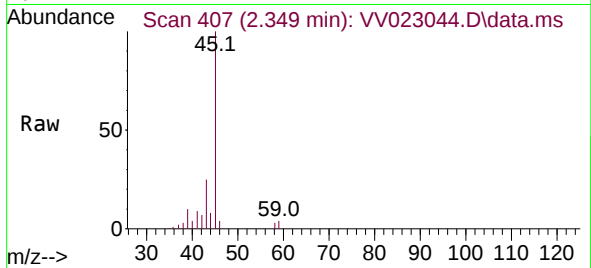




#15
Methyl Acetate
Concen: 1.670 ug/L
RT: 2.349 min Scan# 407
Delta R.T. -0.087 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

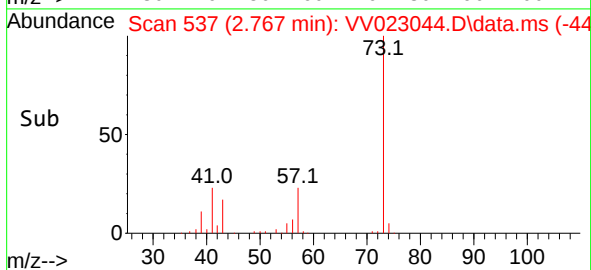
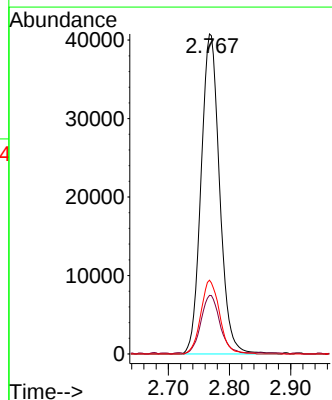
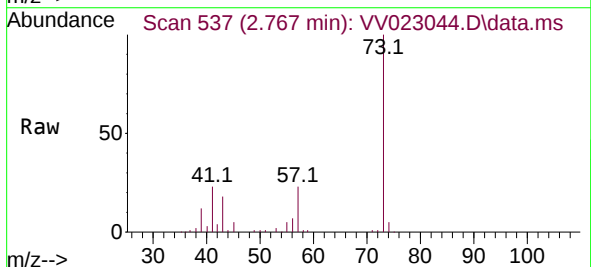
Instrument :
MSVOA_V
ClientSampleId :
BFG5

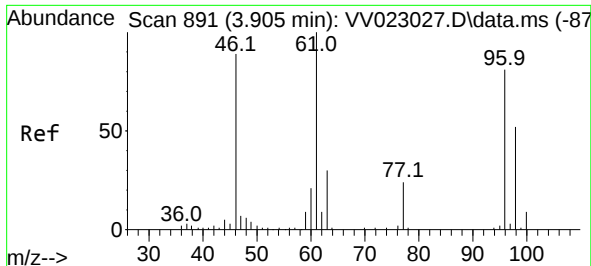
Tgt Ion: 43 Resp: 6081
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#17
Methyl tert-butyl Ether
Concen: 5.035 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

Tgt Ion: 73 Resp: 85685
Ion Ratio Lower Upper
73 100
43 19.1 17.4 26.0
57 23.4 16.5 24.7

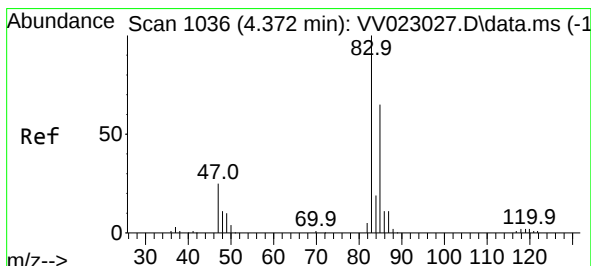
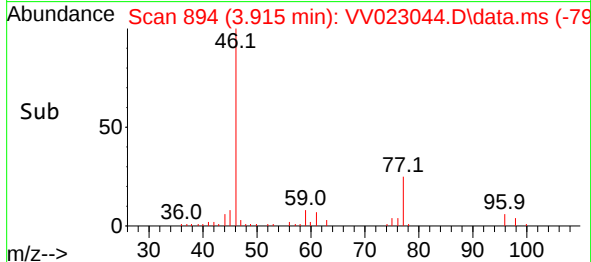
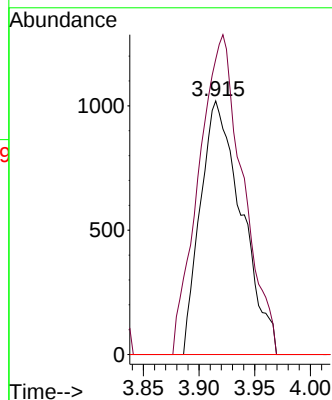
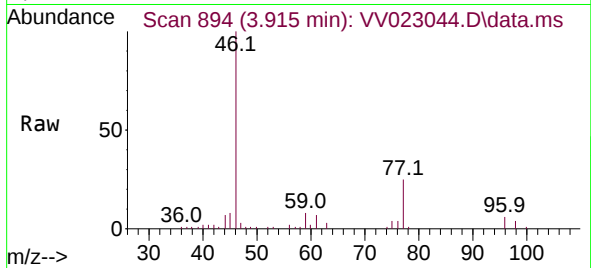




#22
 cis-1,2-Dichloroethene
 Concen: 0.304 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV023044.D
 Acq: 26 Oct 2021 17:39

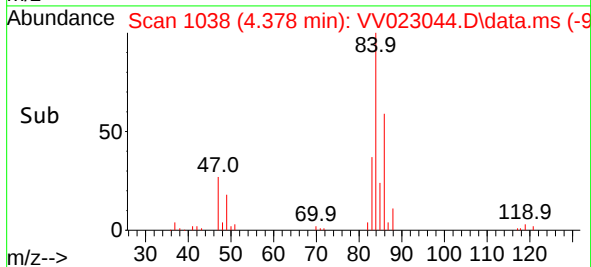
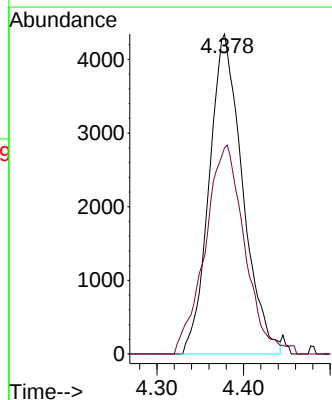
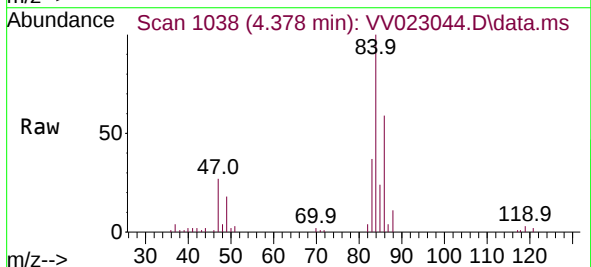
Instrument :
 MSVOA_V
 ClientSampleId :
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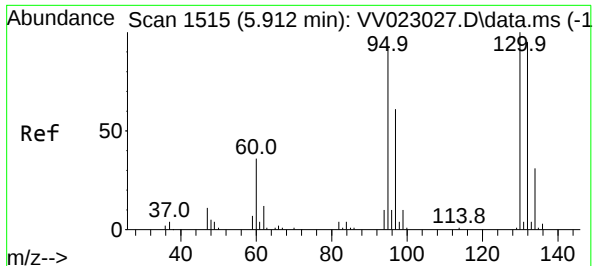
Tgt Ion: 96 Resp: 2627
 Ion Ratio Lower Upper
 96 100
 61 116.4 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.630 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VV023044.D
 Acq: 26 Oct 2021 17:39

Tgt Ion: 83 Resp: 11633
 Ion Ratio Lower Upper
 83 100
 85 64.4 46.8 86.8



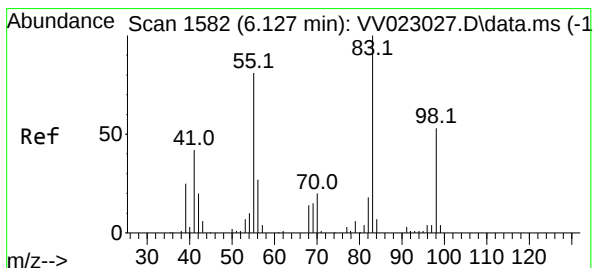
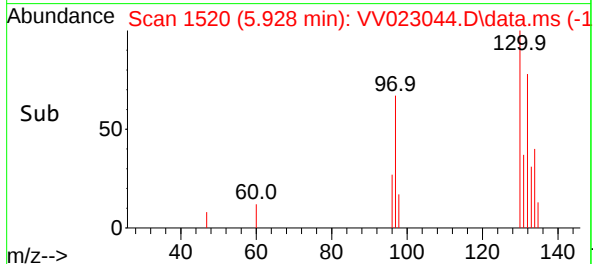
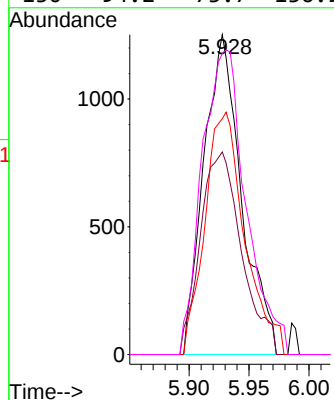
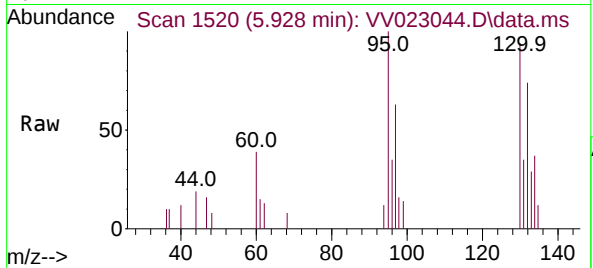


#34
Trichloroethene
Concen: 0.300 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

Instrument :
MSVOA_V
ClientSampleId :
BFG5

Tgt Ion: 95 Resp: 2738

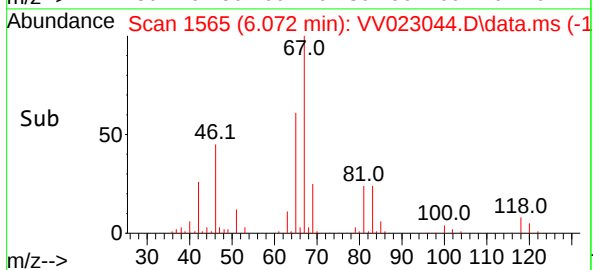
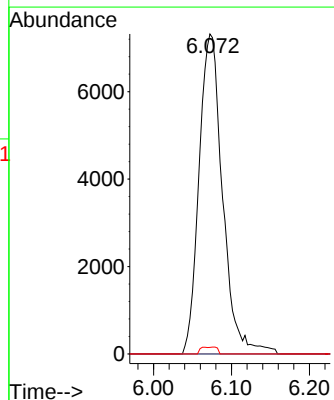
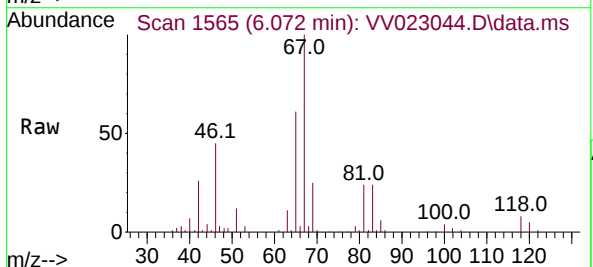
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.0	83.6
132	73.7	69.7	129.4
130	94.2	73.7	136.9

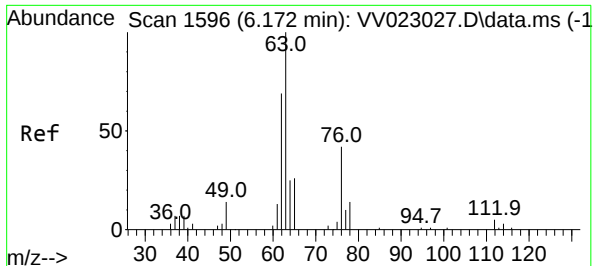


#35
Methylcyclohexane
Concen: 1.174 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023044.D
Acq: 26 Oct 2021 17:39

Tgt Ion: 83 Resp: 15364

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.7	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.743 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

Instrument :

MSVOA_V

ClientSampleId :

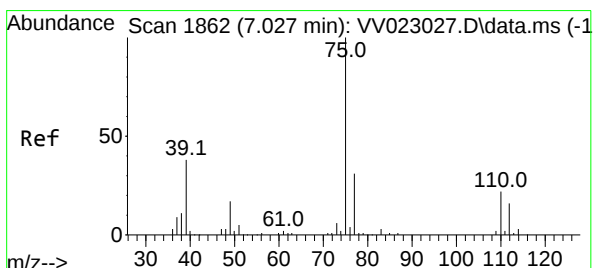
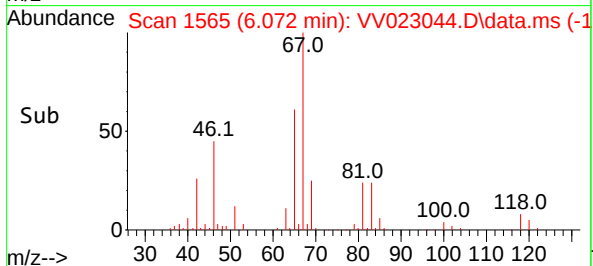
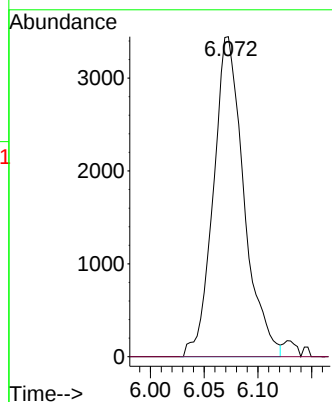
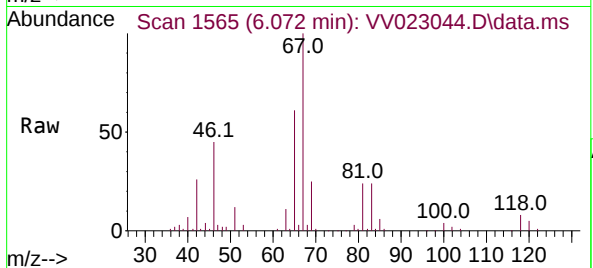
BFG5

Tgt Ion: 63 Resp: 6812

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023044.D

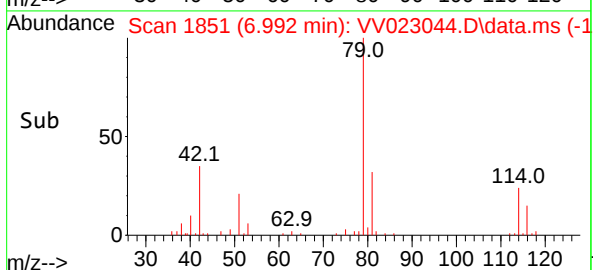
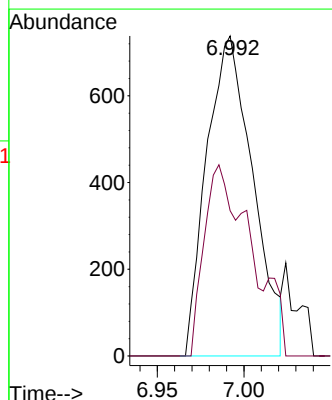
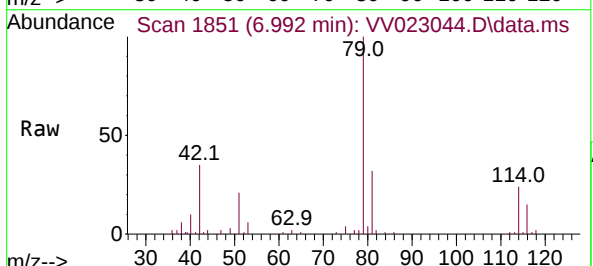
Acq: 26 Oct 2021 17:39

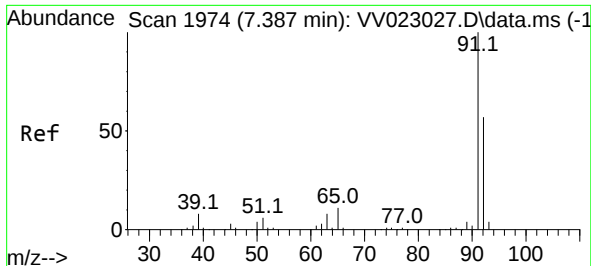
Tgt Ion: 75 Resp: 1365

Ion Ratio Lower Upper

75 100

77 45.4 21.6 40.2#





#42

Toluene

Concen: 0.167 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023044.D

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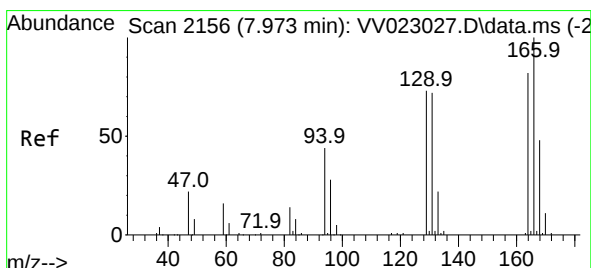
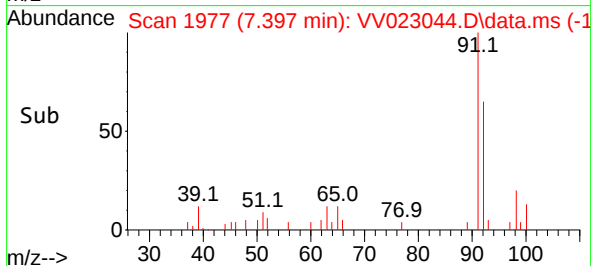
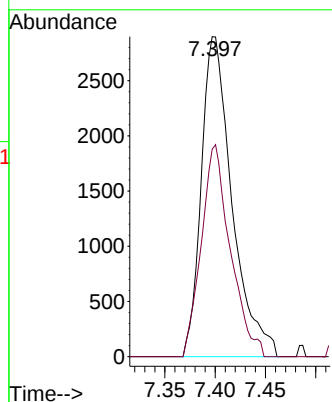
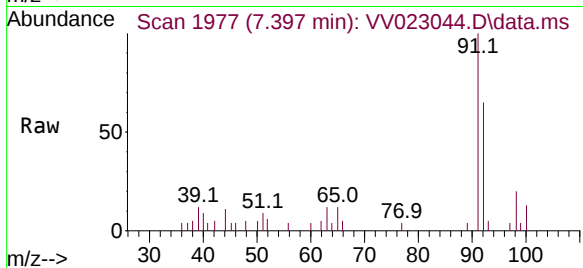
BFG5

Tgt Ion: 91 Resp: 6164

Ion Ratio Lower Upper

91 100

92 64.8 39.3 72.9



#47

Tetrachloroethene

Concen: 7.514 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

Tgt Ion:164 Resp: 58023

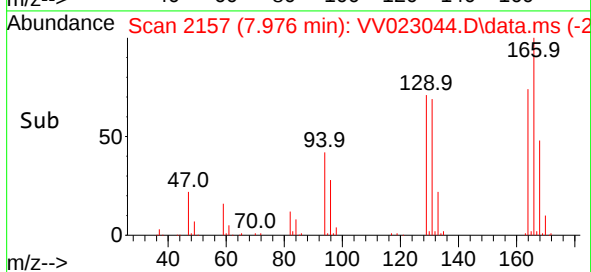
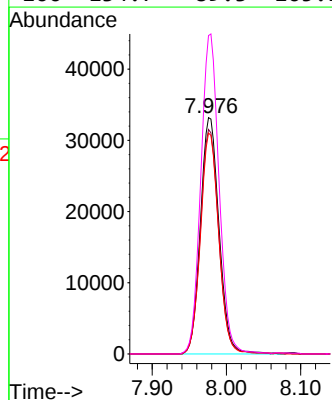
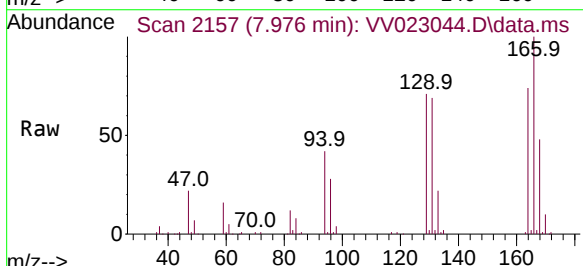
Ion Ratio Lower Upper

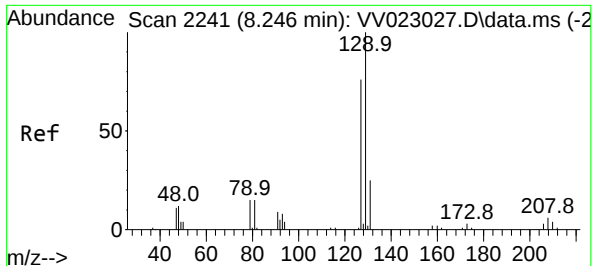
164 100

129 95.0 64.0 119.0

131 93.5 63.4 117.8

166 134.7 89.3 165.9





#49

Dibromochloromethane

Concen: 6.714 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

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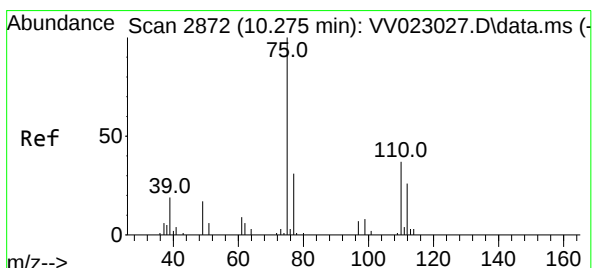
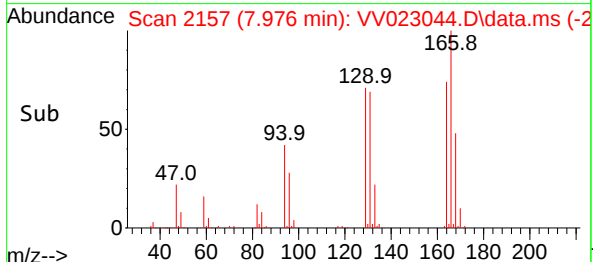
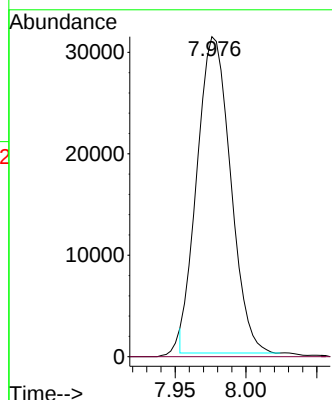
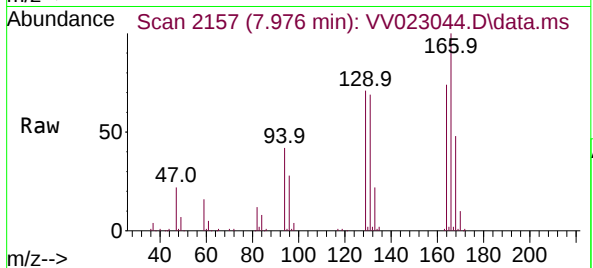
BFG5

Tgt Ion:129 Resp: 51252

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.574 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023044.D

Acq: 26 Oct 2021 17:39

Tgt Ion: 75 Resp: 6598

Ion Ratio Lower Upper

75 100

77 30.7 26.6 39.8

110 2.4 31.8 47.6#

