

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023043.D
 Acq On : 26 Oct 2021 17:15
 Operator : SY/MD
 Sample : M4277-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGEO

Quant Time: Oct 27 01:34:29 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	124560	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52970	4.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.568	69	28078	4.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.108	63	47767	3.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.889	46	70207	40.210	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.420%
24) Chloroform-d	4.349	84	66468	3.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.037	65	36458	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.053	84	147159	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.072	67	63437	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.317	98	166552	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	20103	4.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	71613	46.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40402	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60763	5.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	3474	0.394	ug/L #	62
12) 1,1-Dichloroethene	2.111	96	621	0.097	ug/L #	1
13) Acetone	2.178	43	26092	30.459	ug/L	91
14) Carbon disulfide	2.297	76	2097	0.121	ug/L #	86
15) Methyl Acetate	2.178	43	24561	7.537	ug/L #	47
22) cis-1,2-Dichloroethene	3.912	96	45465	5.890	ug/L #	85
25) Chloroform	4.381	83	7927	0.480	ug/L	95
27) 1,2-Dichloroethane	5.047	62	910	0.104	ug/L #	72
34) Trichloroethene	5.921	95	1994	0.221	ug/L	93
35) Methylcyclohexane	6.072	83	14979	1.161	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6565	0.726	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1571	0.140	ug/L #	77
42) Toluene	7.397	91	6697	0.184	ug/L	97
47) Tetrachloroethene	7.982	164	2440	0.321	ug/L	93
48) 2-Hexanone	8.149	43	6480	2.051	ug/L #	84
49) Dibromochloromethane	7.985	129	2087	0.277	ug/L #	10
53) m,p-xylene	9.143	106	1360	0.094	ug/L	81
61) 1,2,3-Trichloropropane	11.249	75	6759	1.621	ug/L #	65

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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

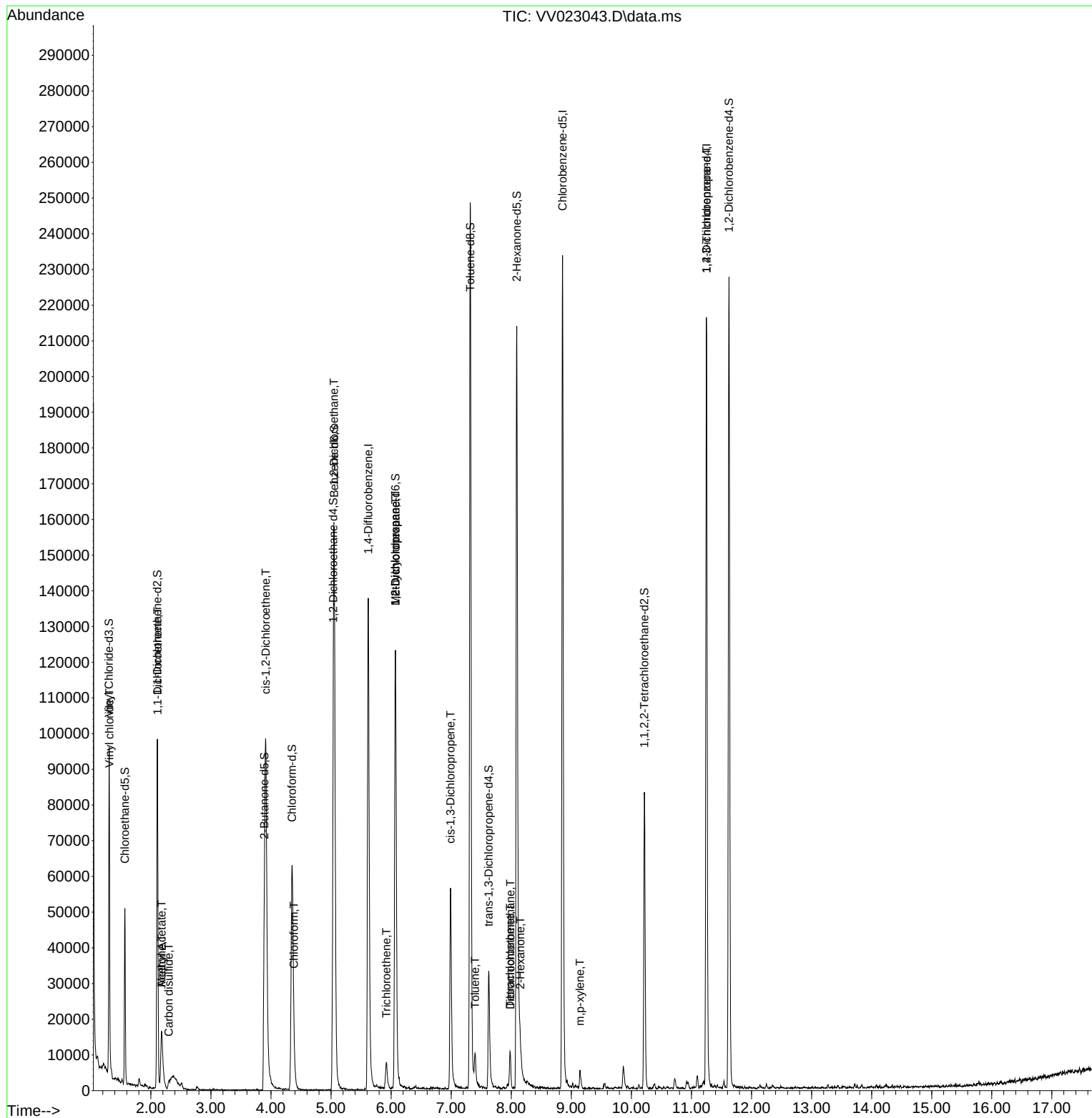
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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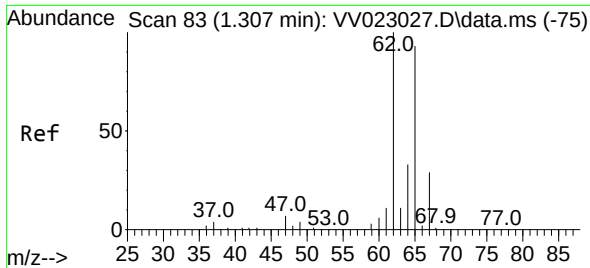
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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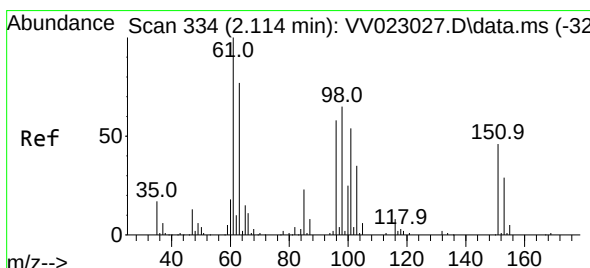
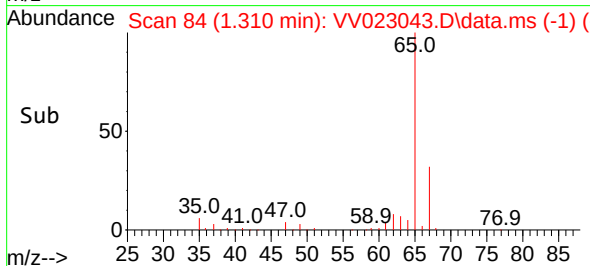
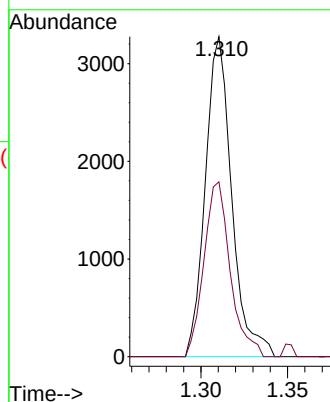
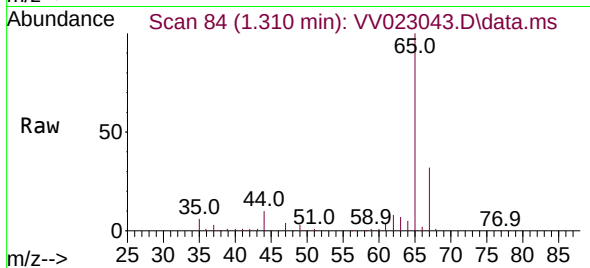




#5
 Vinyl chloride
 Concen: 0.394 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023043.D
 Acq: 26 Oct 2021 17:15

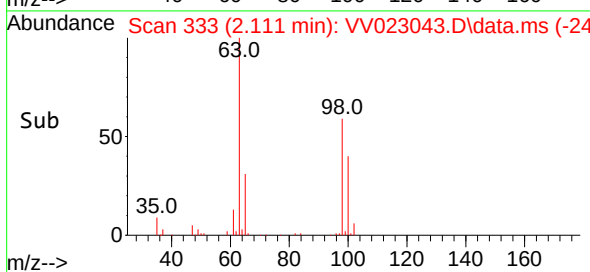
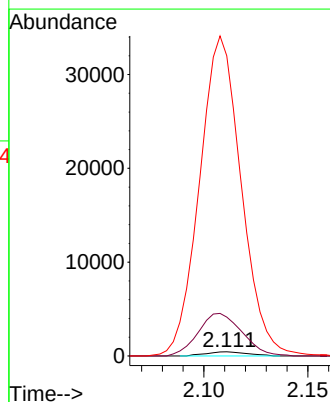
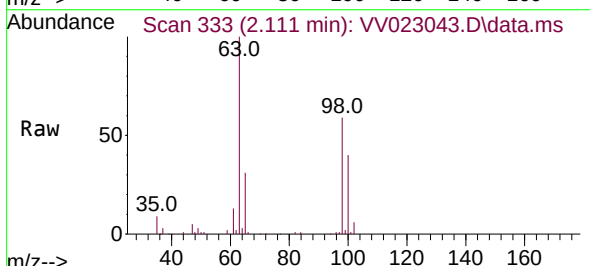
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE0

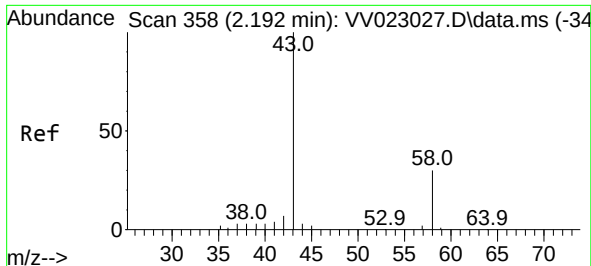
Tgt Ion: 62 Resp: 3474
 Ion Ratio Lower Upper
 62 100
 64 54.7 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.097 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV023043.D
 Acq: 26 Oct 2021 17:15

Tgt Ion: 96 Resp: 621
 Ion Ratio Lower Upper
 96 100
 61 943.0 121.5 225.7#
 63 7272.7 99.6 185.0#





#13

Acetone

Concen: 30.459 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Instrument :

MSVOA_V

ClientSampleId :

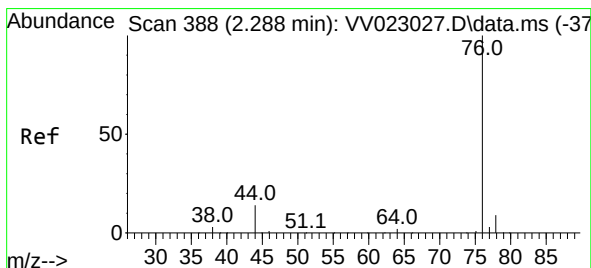
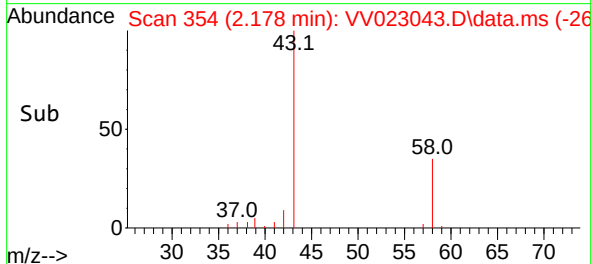
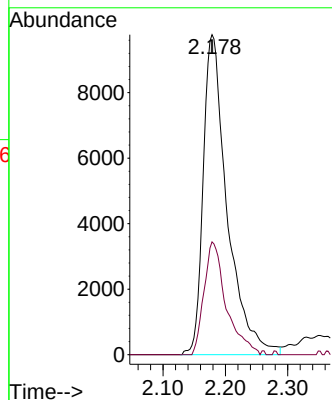
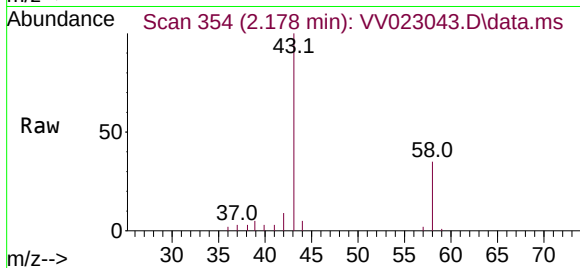
BFGEO

Tgt Ion: 43 Resp: 26092

Ion Ratio Lower Upper

43 100

58 32.6 0.0 55.4



#14

Carbon disulfide

Concen: 0.121 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.009 min

Lab File: VV023043.D

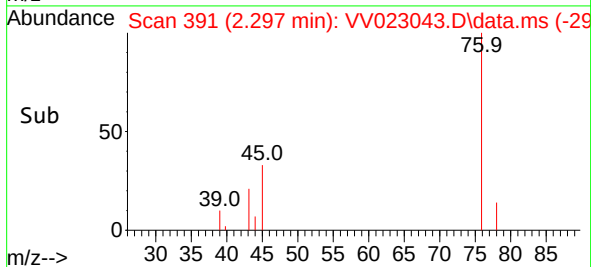
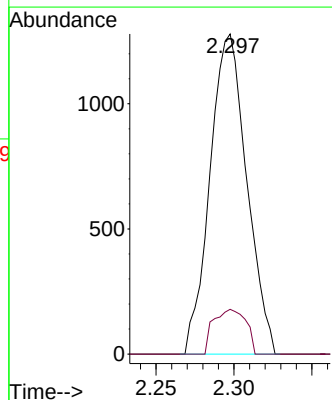
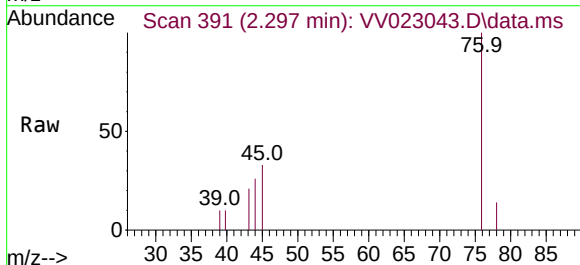
Acq: 26 Oct 2021 17:15

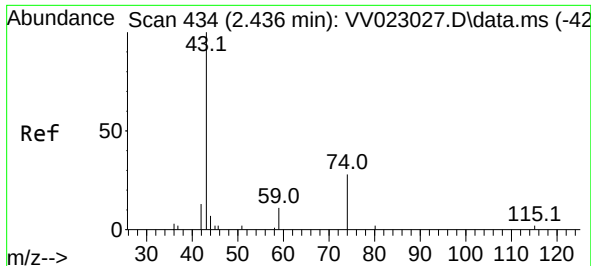
Tgt Ion: 76 Resp: 2097

Ion Ratio Lower Upper

76 100

78 14.0 7.2 10.8#

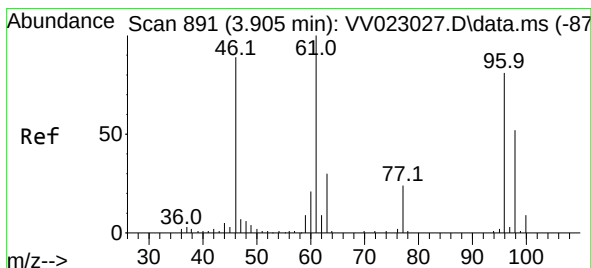
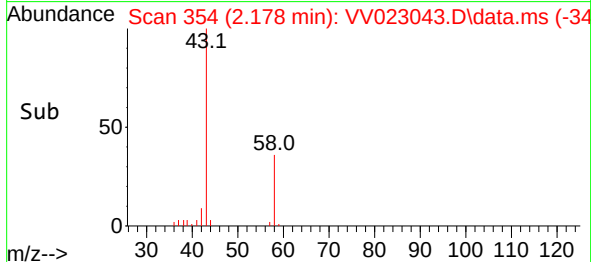
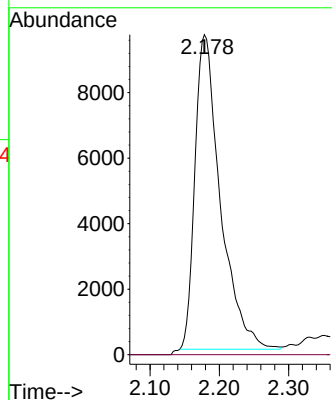
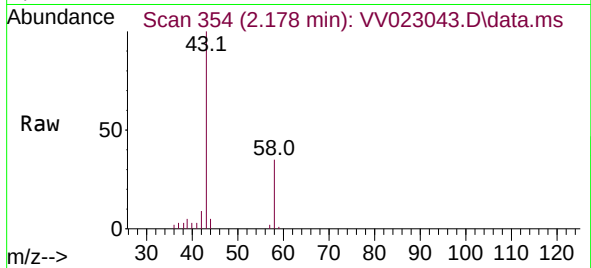




#15
Methyl Acetate
Concen: 7.537 ug/L
RT: 2.178 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

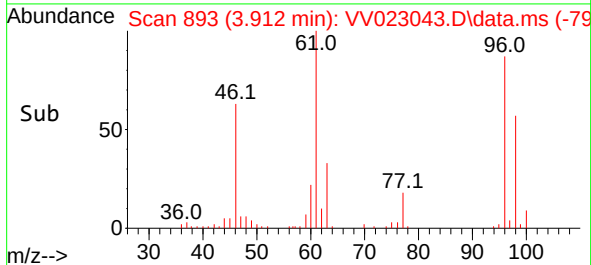
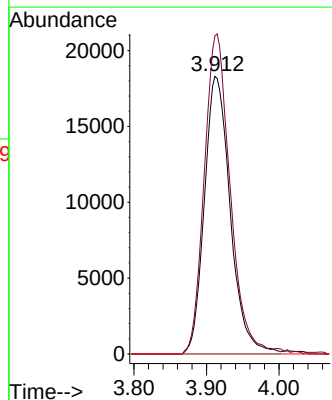
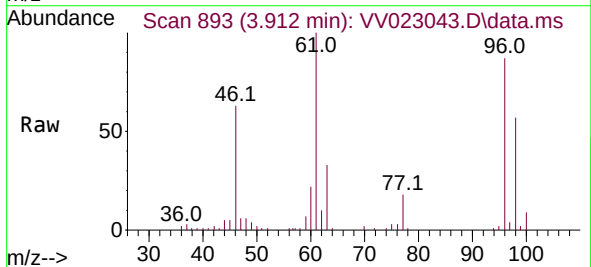
Instrument :
MSVOA_V
ClientSampleId :
BFGE0

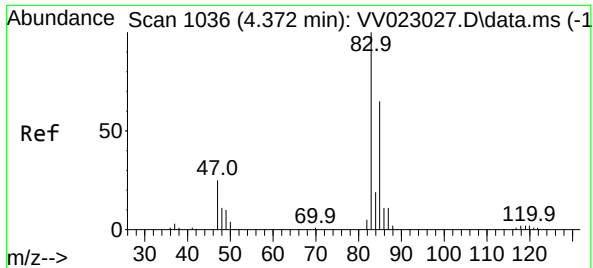
Tgt Ion: 43 Resp: 24561
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#22
cis-1,2-Dichloroethene
Concen: 5.890 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Tgt Ion: 96 Resp: 45465
Ion Ratio Lower Upper
96 100
61 114.6 92.3 171.3
68 0.0 0.4 0.8#

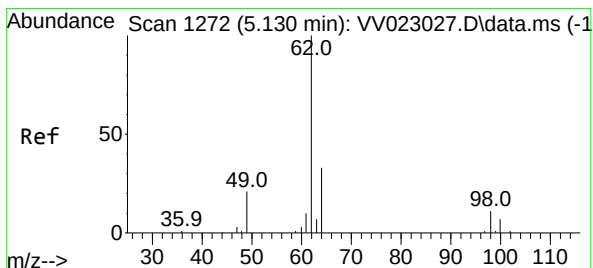
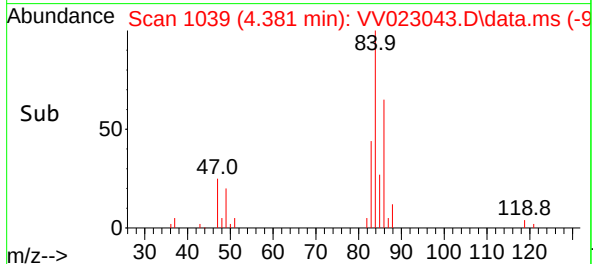
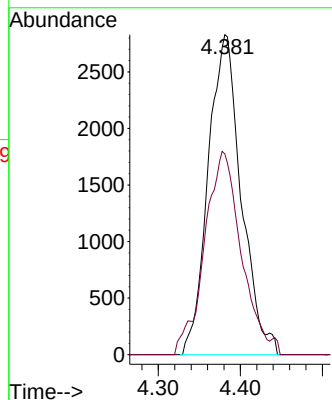
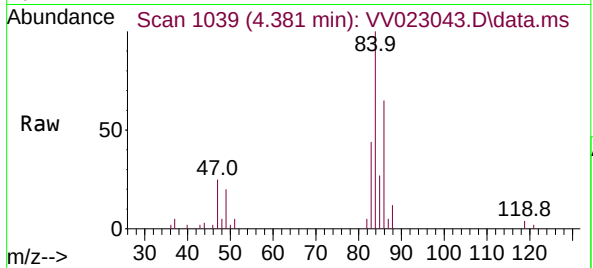




#25
Chloroform
Concen: 0.480 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.009 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

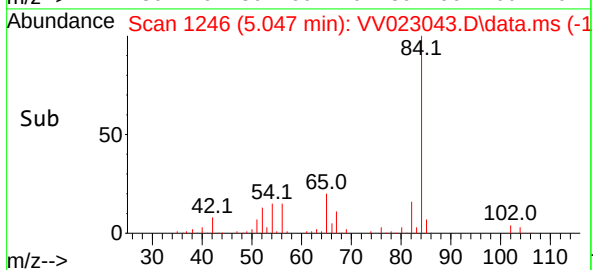
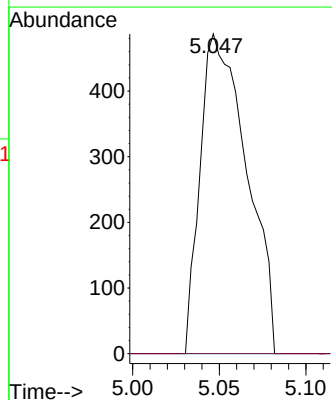
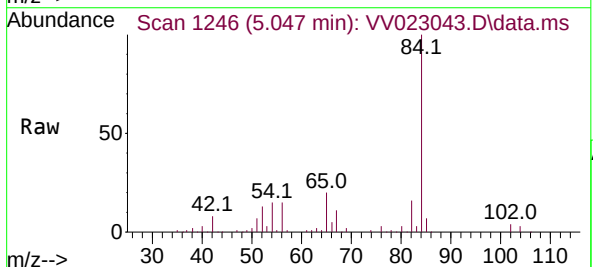
Instrument :
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BFGE0

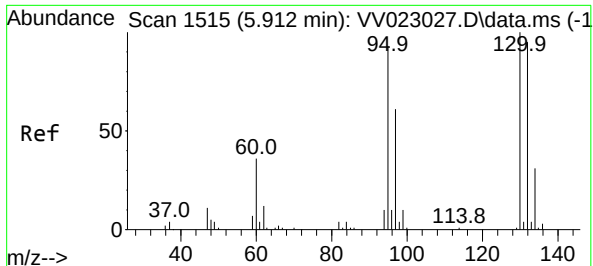
Tgt Ion: 83 Resp: 7927
Ion Ratio Lower Upper
83 100
85 62.7 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.104 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Tgt Ion: 62 Resp: 910
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



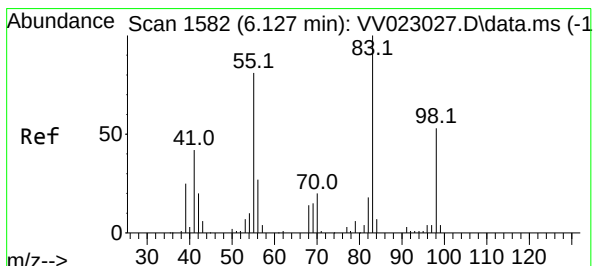
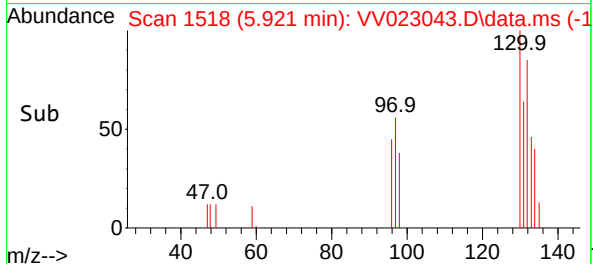
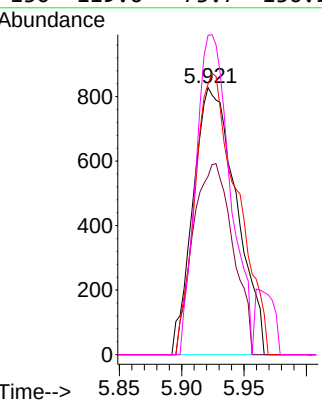
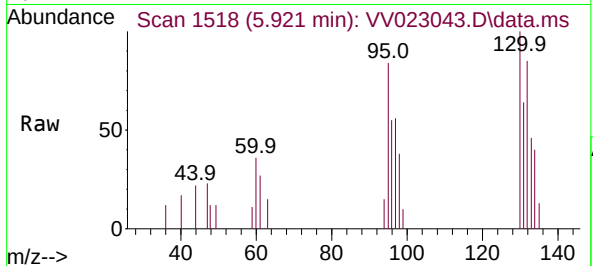


#34
Trichloroethene
Concen: 0.221 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 1994

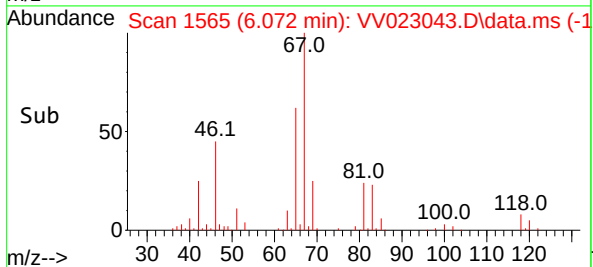
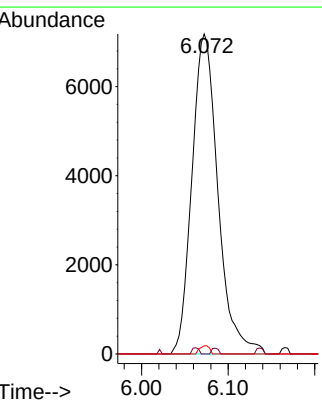
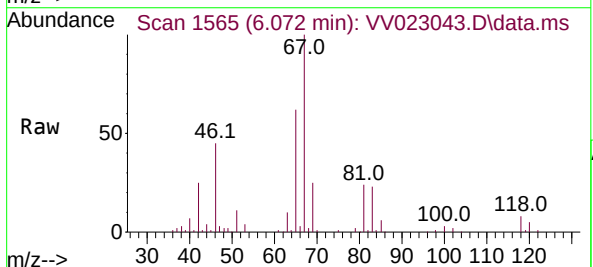
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.0	83.6
132	101.3	69.7	129.4
130	119.6	73.7	136.9

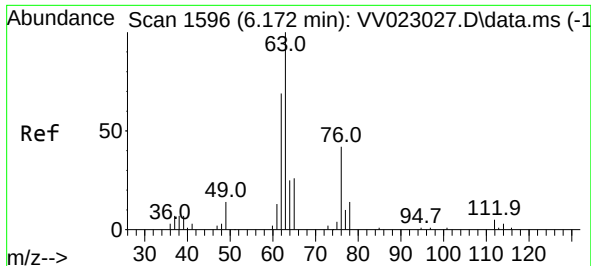


#35
Methylcyclohexane
Concen: 1.161 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Tgt Ion: 83 Resp: 14979

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.8	94.2#
98	1.0	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.726 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Instrument :

MSVOA_V

ClientSampleId :

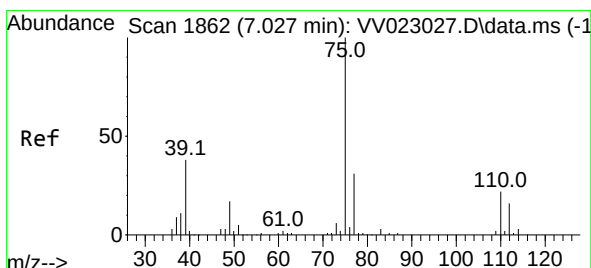
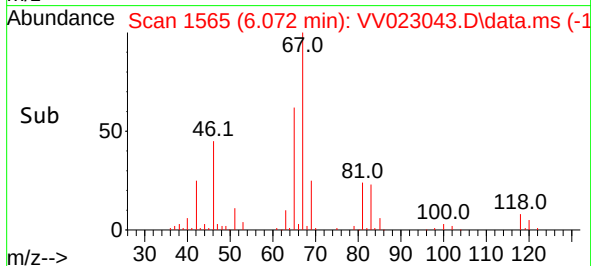
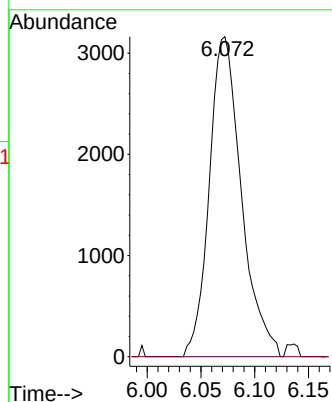
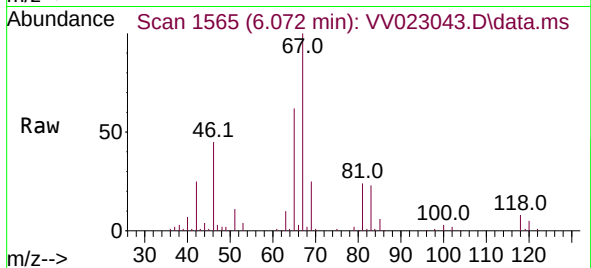
BFGEO

Tgt Ion: 63 Resp: 6565

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.140 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023043.D

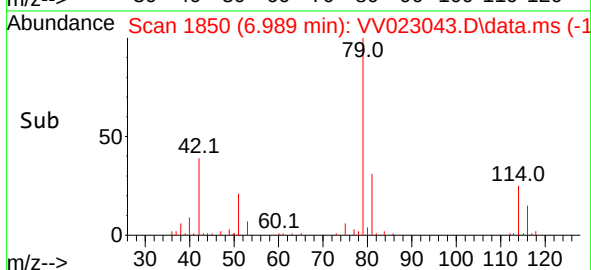
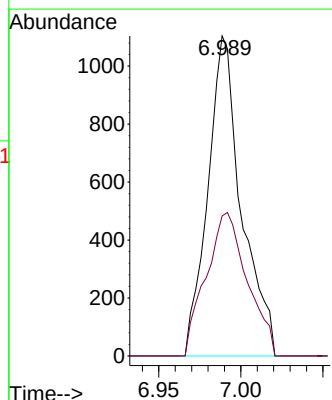
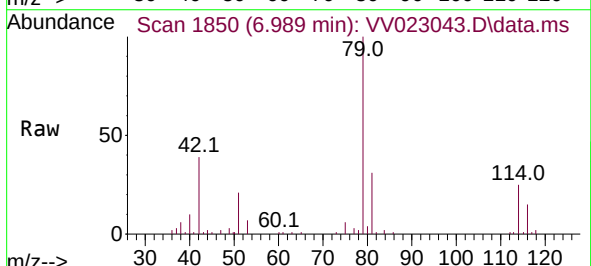
Acq: 26 Oct 2021 17:15

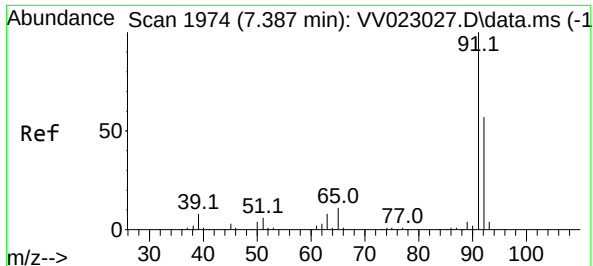
Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

75 100

77 43.8 21.6 40.2#





#42

Toluene

Concen: 0.184 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.009 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Instrument :

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ClientSampleId :

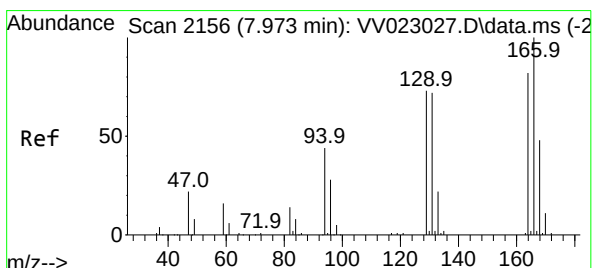
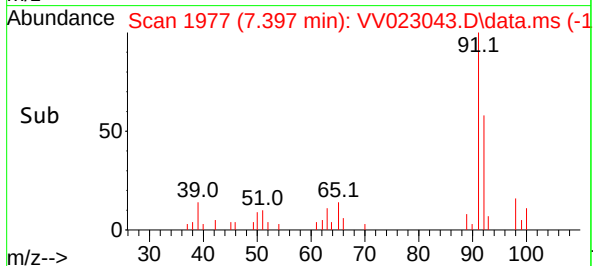
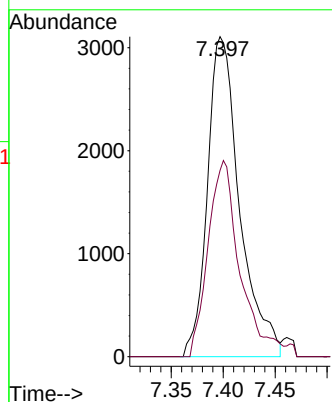
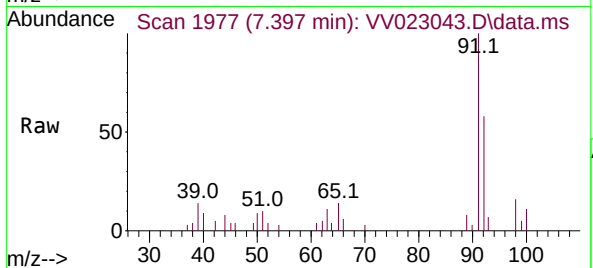
BFGEO

Tgt Ion: 91 Resp: 6697

Ion Ratio Lower Upper

91 100

92 58.2 39.3 72.9



#47

Tetrachloroethene

Concen: 0.321 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.009 min

Lab File: VV023043.D

Acq: 26 Oct 2021 17:15

Tgt Ion: 164 Resp: 2440

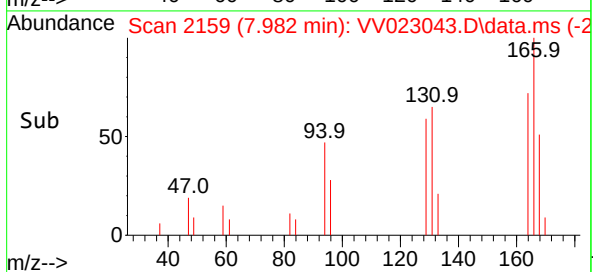
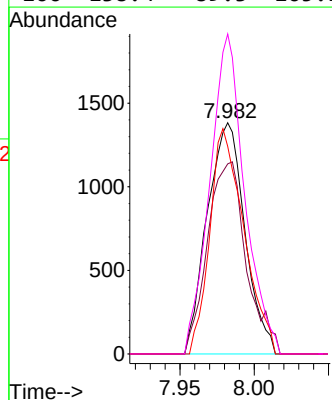
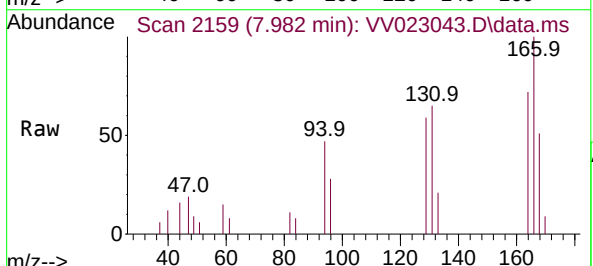
Ion Ratio Lower Upper

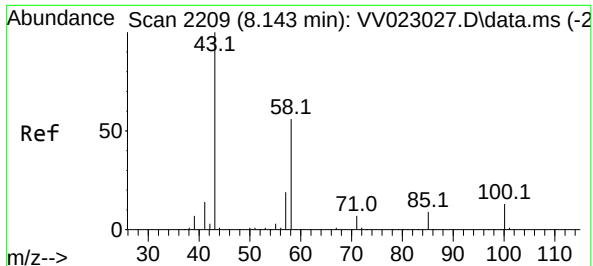
164 100

129 82.2 64.0 119.0

131 89.7 63.4 117.8

166 138.4 89.3 165.9

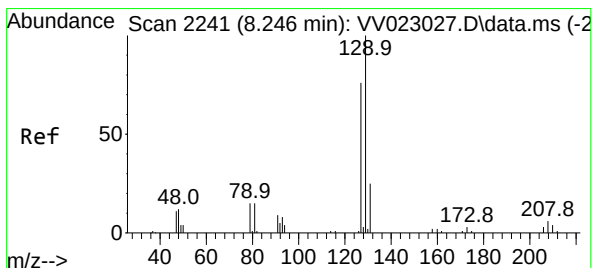
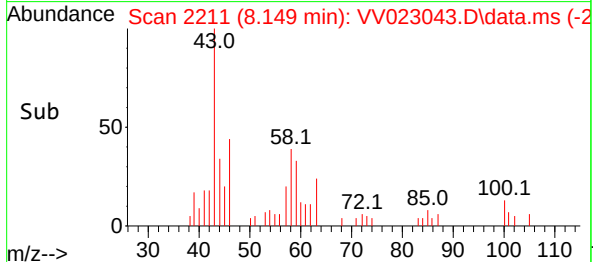
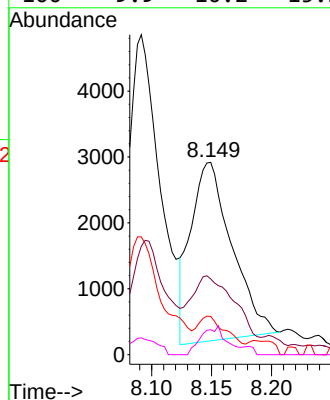
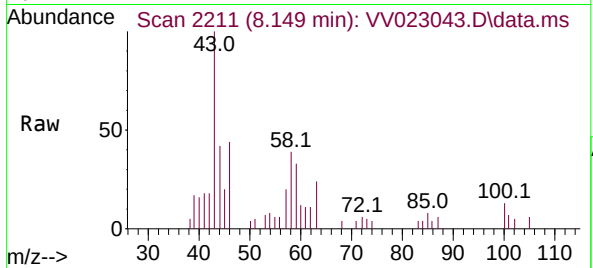




#48
2-Hexanone
Concen: 2.051 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

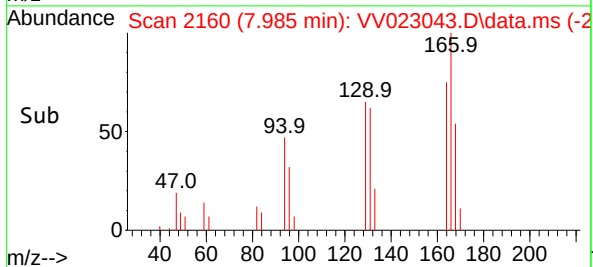
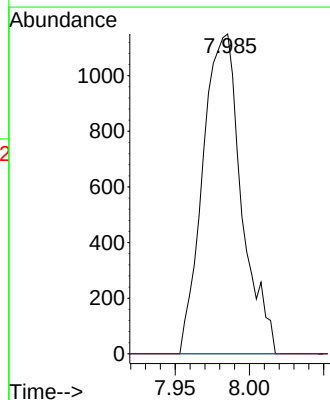
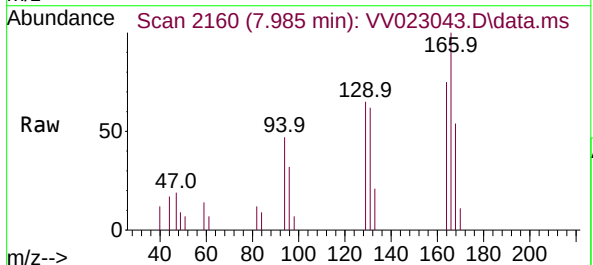
Instrument :
MSVOA_V
ClientSampleId :
BFGE0

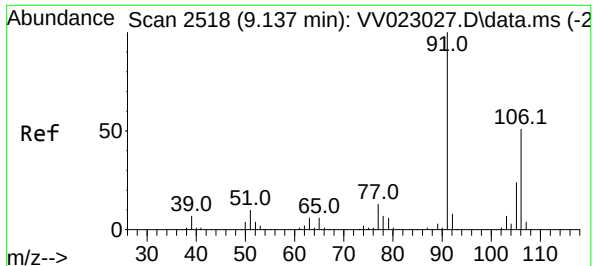
Tgt Ion: 43	Resp: 6480
Ion Ratio	Lower Upper
43 100	
58 39.0	43.7 65.5#
57 16.3	14.1 21.1
100 9.9	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.277 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. -0.261 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Tgt Ion:129	Resp: 2087		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	54.7	101.7#	

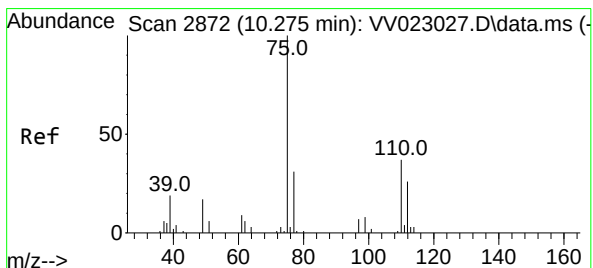
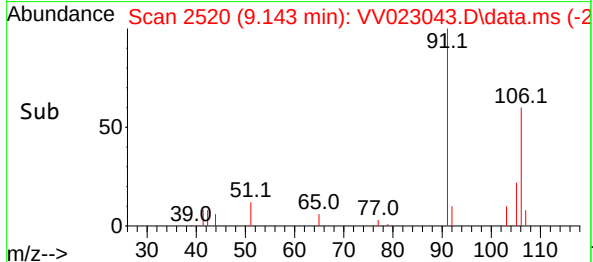
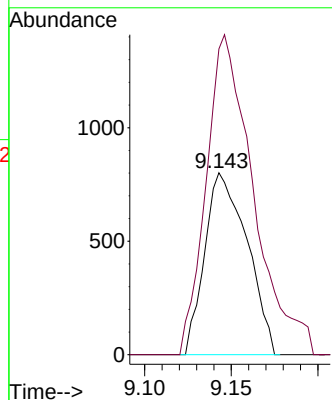
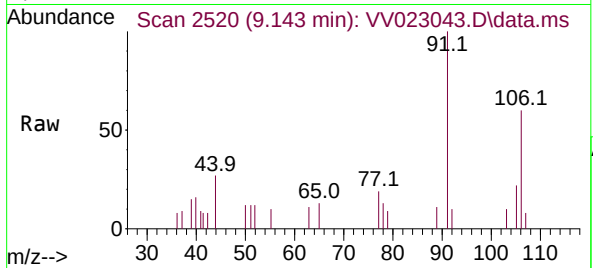




#53
m,p-xylene
Concen: 0.094 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Instrument :
MSVOA_V
ClientSampleId :
BFGE0

Tgt Ion:106 Resp: 1360
Ion Ratio Lower Upper
106 100
91 168.0 137.2 254.8



#61
1,2,3-Trichloropropane
Concen: 1.621 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023043.D
Acq: 26 Oct 2021 17:15

Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
77 31.6 26.6 39.8
110 2.0 31.8 47.6#

