

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023035.D
 Acq On : 26 Oct 2021 13:41
 Operator : SY/MD
 Sample : M4278-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG9

Quant Time: Oct 27 01:32:36 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	139991	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48898	3.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	30517	4.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.108	63	56072	3.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.889	46	112553	57.358	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.720%
24) Chloroform-d	4.352	84	96177	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	44743	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.053	84	192903	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.072	67	61167	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	161116	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.625	79	19822	4.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.092	63	74987	44.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38751	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	60332	5.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
5) Vinyl chloride	1.310	62	1717	0.173	ug/L #	55
13) Acetone	2.175	43	2792	2.900	ug/L	67
16) Methylene chloride	2.507	84	21064	2.676	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	7403	0.433	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	758	0.099	ug/L	83
19) 1,1-Dichloroethane	3.195	63	1543	0.110	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	117082	13.496	ug/L #	91
33) Benzene	5.108	78	2988	0.078	ug/L	100
34) Trichloroethene	5.921	95	18810	1.944	ug/L	99
42) Toluene	7.397	91	18275	0.468	ug/L	100
47) Tetrachloroethene	7.976	164	86786	10.615	ug/L	97
52) Ethylbenzene	9.021	91	2587	0.067	ug/L	99
53) m,p-xylene	9.143	106	3218	0.207	ug/L	97
54) o-xylene	9.554	106	1324	0.091	ug/L	65
63) 1,2,4-Trimethylbenzene	10.921	105	1718	0.069	ug/L	89
64) 1,3-Dichlorobenzene	11.188	146	1961	0.120	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	1656	0.100	ug/L	92
67) 1,2-Dichlorobenzene	11.641	146	2067	0.136	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023035.D
Acq On : 26 Oct 2021 13:41
Operator : SY/MD
Sample : M4278-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGG9

Quant Time: Oct 27 01:32:36 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

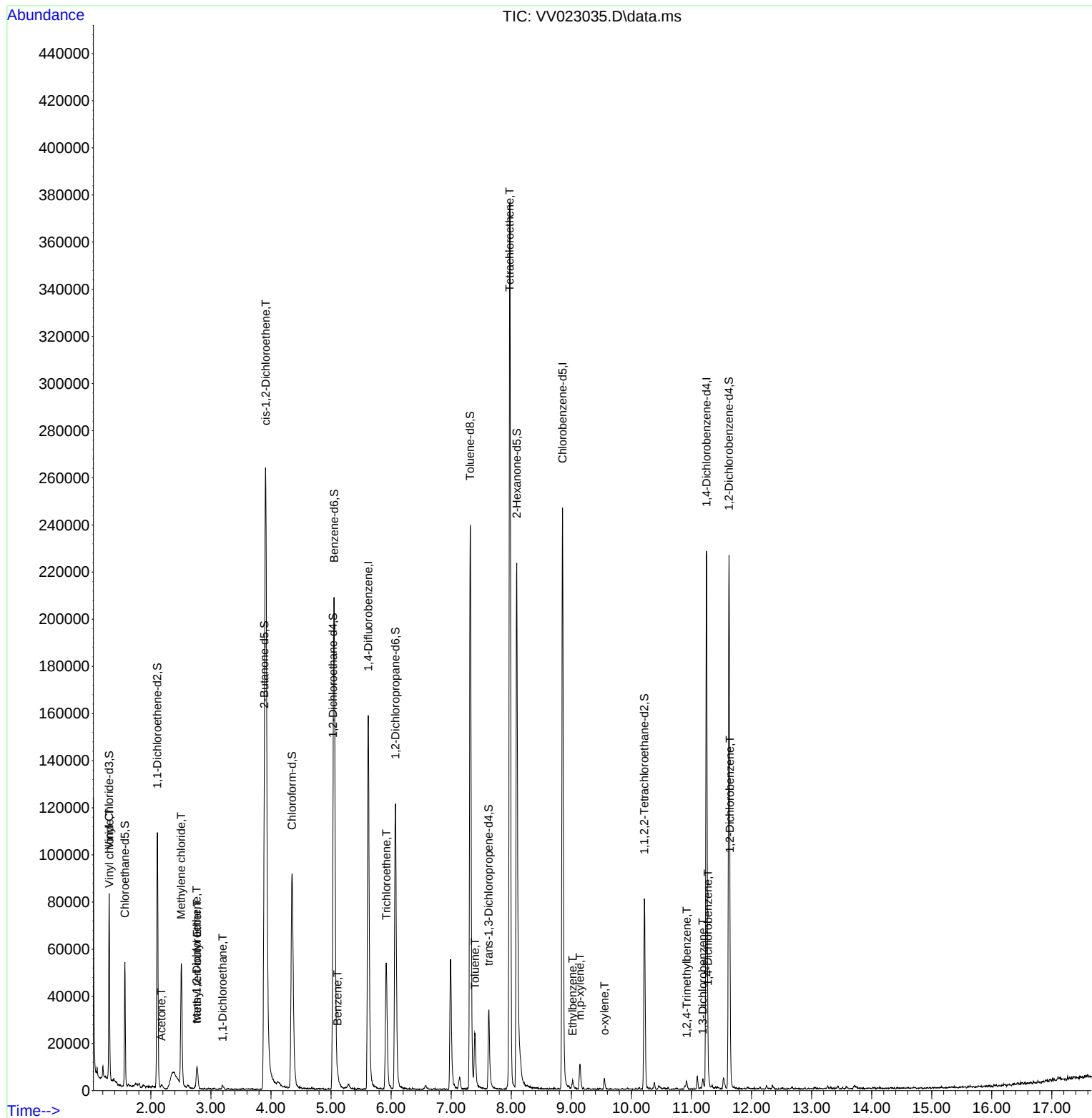
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

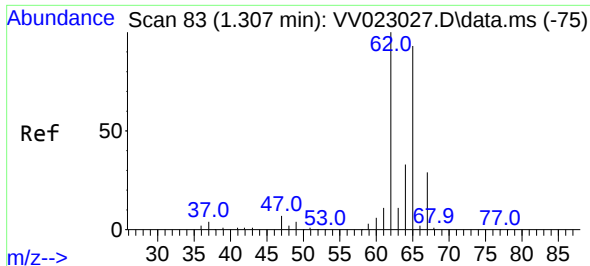
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023035.D
Acq On : 26 Oct 2021 13:41
Operator : SY/MD
Sample : M4278-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGG9

Quant Time: Oct 27 01:32:36 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

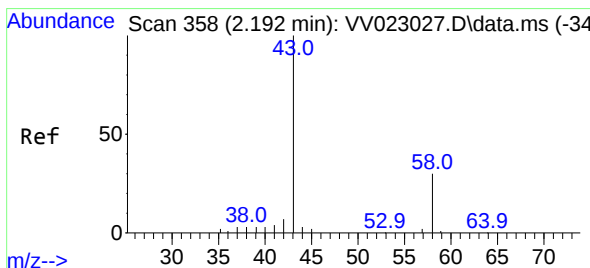
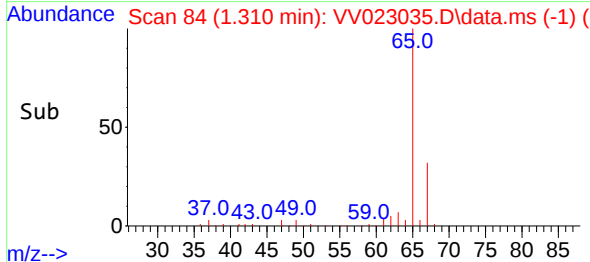
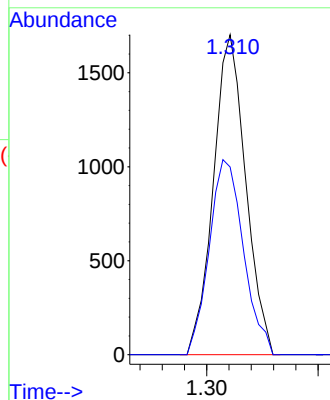
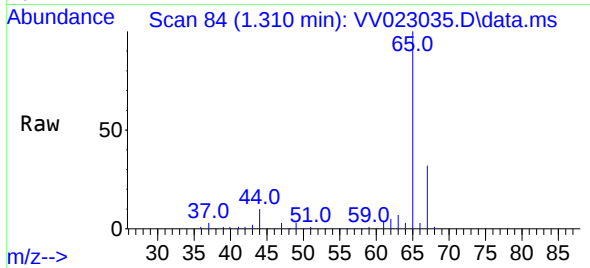




#5
 Vinyl chloride
 Concen: 0.173 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023035.D
 Acq: 26 Oct 2021 13:41

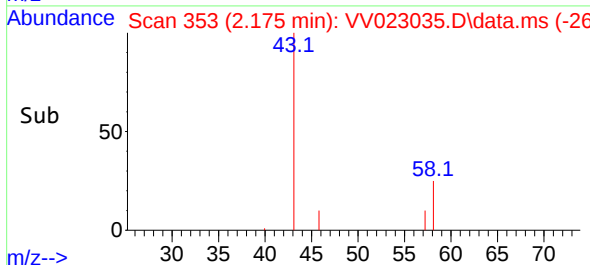
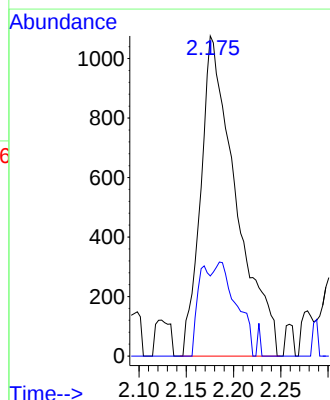
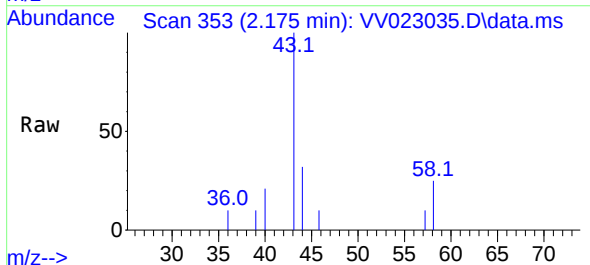
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG9

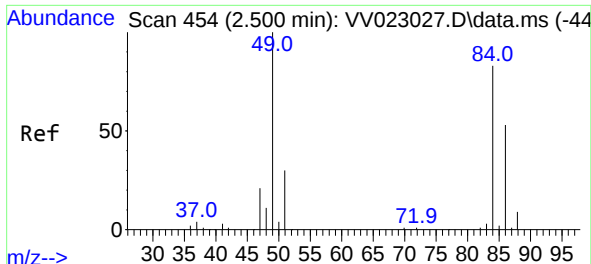
Tgt Ion: 62 Resp: 1717
 Ion Ratio Lower Upper
 62 100
 64 58.7 23.1 42.9#



#13
 Acetone
 Concen: 2.900 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. -0.016 min
 Lab File: VV023035.D
 Acq: 26 Oct 2021 13:41

Tgt Ion: 43 Resp: 2792
 Ion Ratio Lower Upper
 43 100
 58 10.4 0.0 55.4

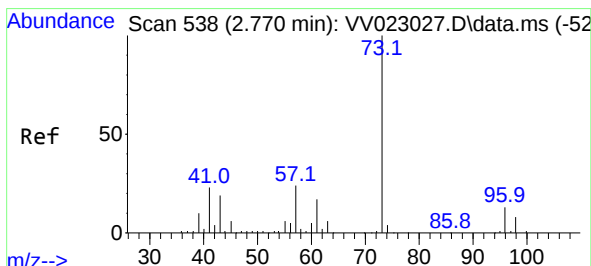
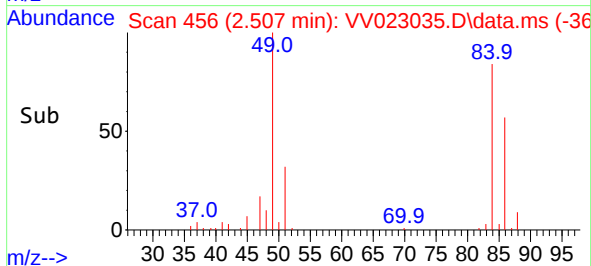
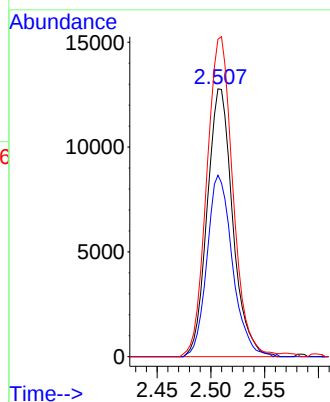
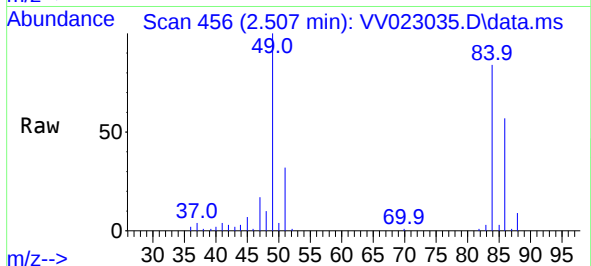




#16
Methylene chloride
Concen: 2.676 ug/L
RT: 2.507 min Scan# 454
Delta R.T. 0.006 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

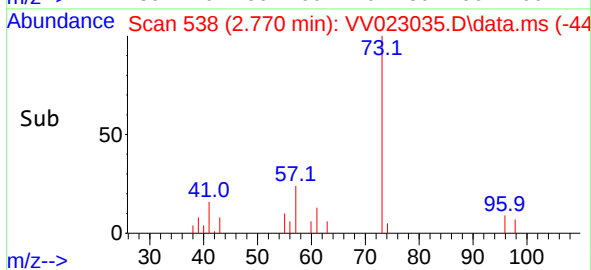
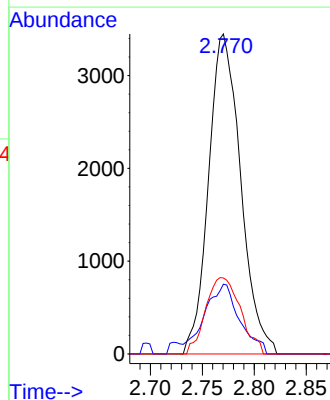
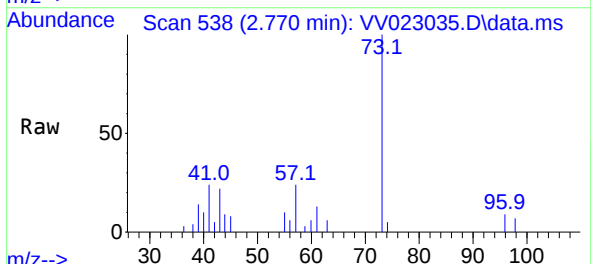
Instrument :
MSVOA_V
ClientSampleId :
BFGG9

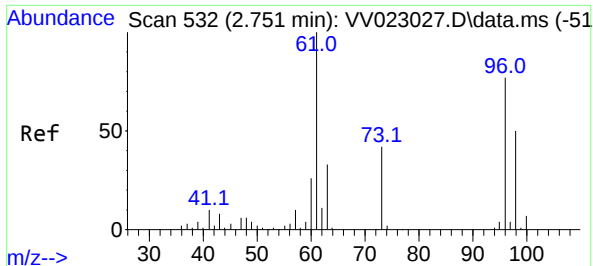
Tgt Ion: 84 Resp: 21064
Ion Ratio Lower Upper
84 100
86 67.8 42.3 78.5
49 118.5 79.7 148.1



#17
Methyl tert-butyl Ether
Concen: 0.433 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

Tgt Ion: 73 Resp: 7403
Ion Ratio Lower Upper
73 100
43 23.8 17.4 26.0
57 25.9 16.5 24.7#

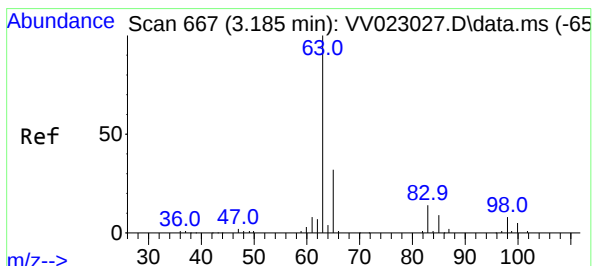
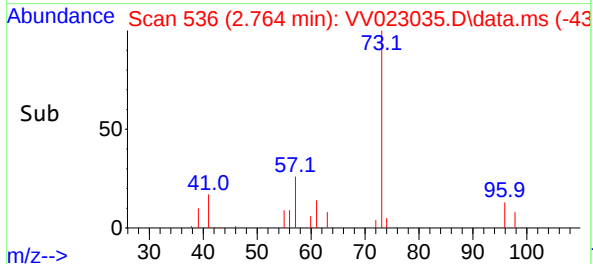
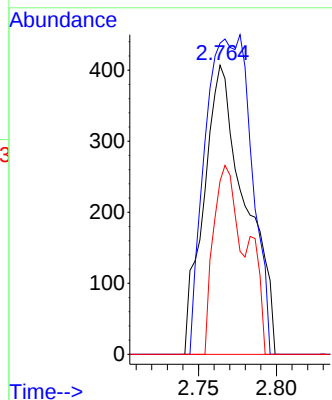
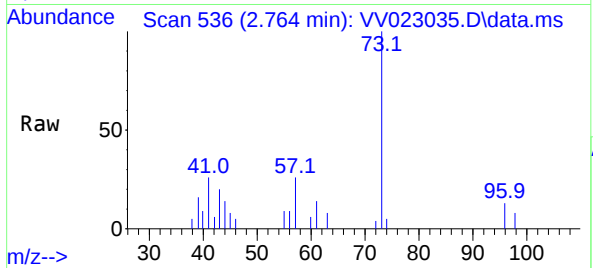




#18
trans-1,2-Dichloroethene
Concen: 0.099 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

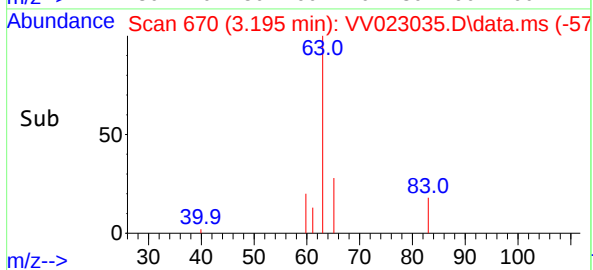
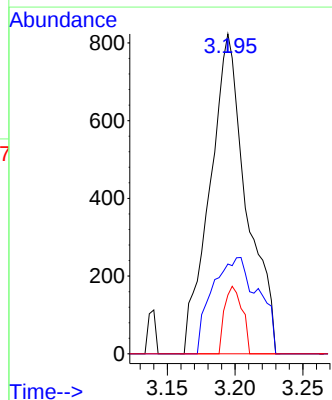
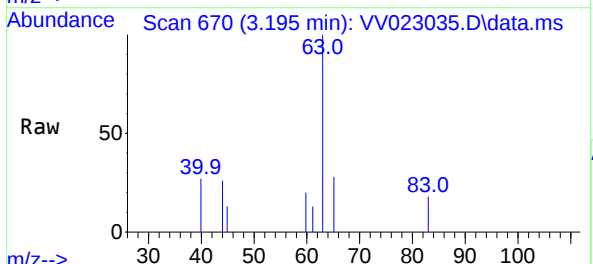
Instrument :
MSVOA_V
ClientSampleId :
BFGG9

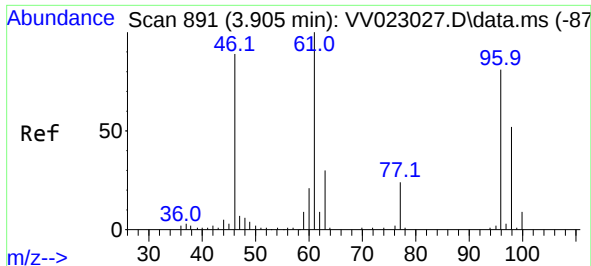
Tgt Ion: 96 Resp: 758
Ion Ratio Lower Upper
96 100
61 107.6 93.2 173.2
98 60.0 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.110 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

Tgt Ion: 63 Resp: 1543
Ion Ratio Lower Upper
63 100
65 28.1 22.6 42.0
83 18.3 11.1 20.7

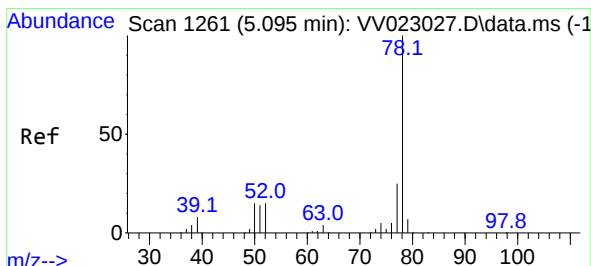
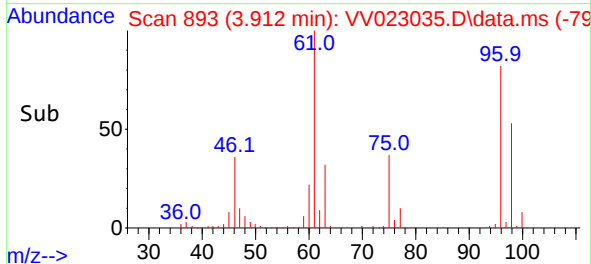
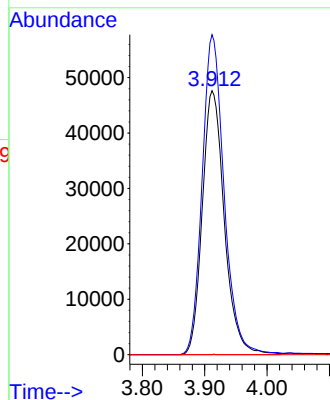
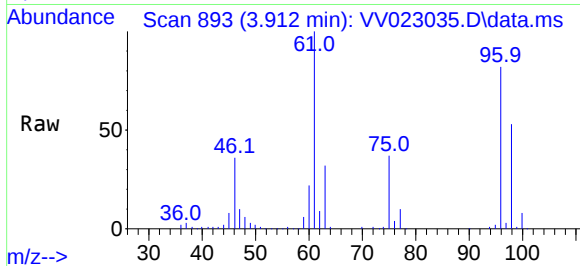




#22
 cis-1,2-Dichloroethene
 Concen: 13.496 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV023035.D
 Acq: 26 Oct 2021 13:41

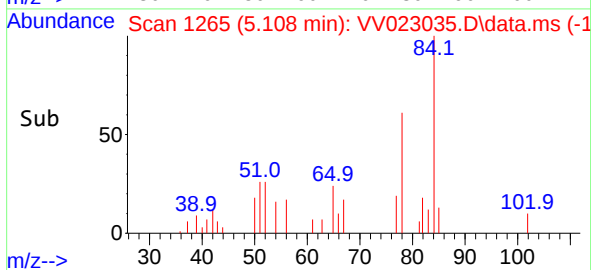
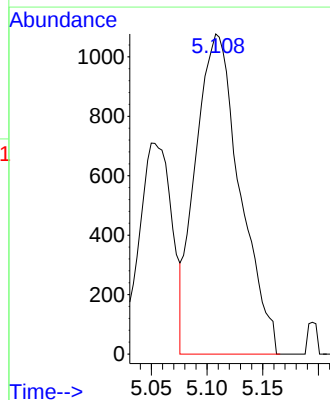
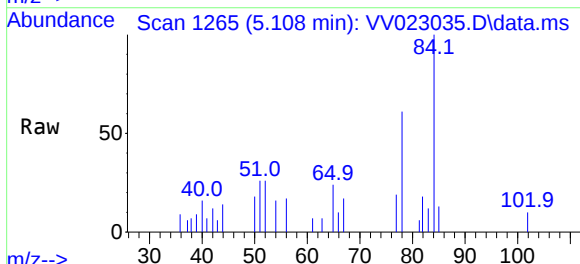
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG9

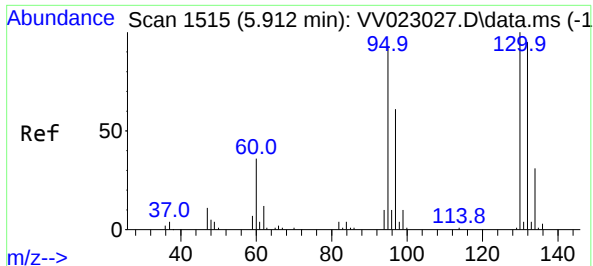
Tgt Ion: 96 Resp: 117082
 Ion Ratio Lower Upper
 96 100
 61 121.2 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.078 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.013 min
 Lab File: VV023035.D
 Acq: 26 Oct 2021 13:41

Tgt Ion: 78 Resp: 2988





#34

Trichloroethene

Concen: 1.944 ug/L

RT: 5.921 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV023035.D

Acq: 26 Oct 2021 13:41

Instrument :

MSVOA_V

ClientSampleId :

BFGG9

Tgt Ion: 95 Resp: 18810

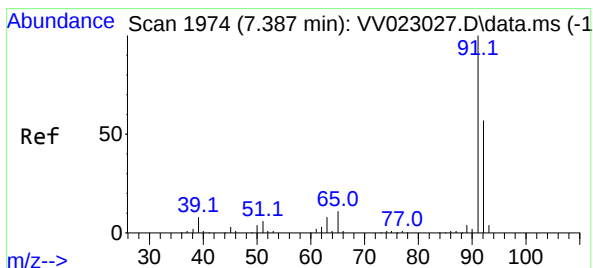
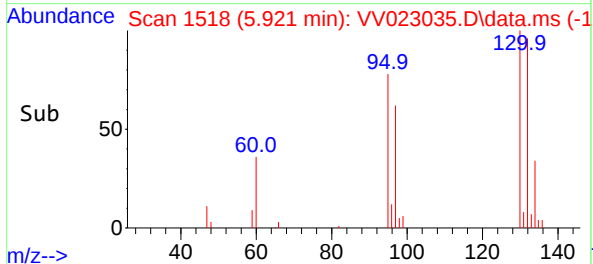
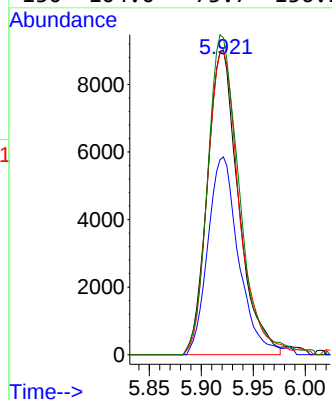
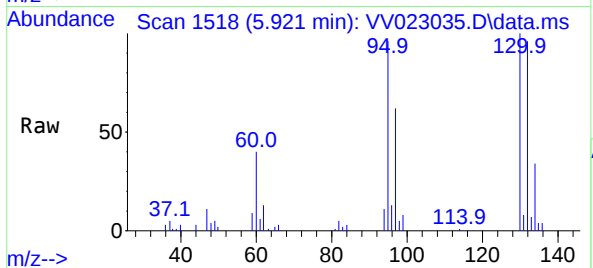
Ion Ratio Lower Upper

95 100

97 64.9 45.0 83.6

132 99.6 69.7 129.4

130 104.0 73.7 136.9



#42

Toluene

Concen: 0.468 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023035.D

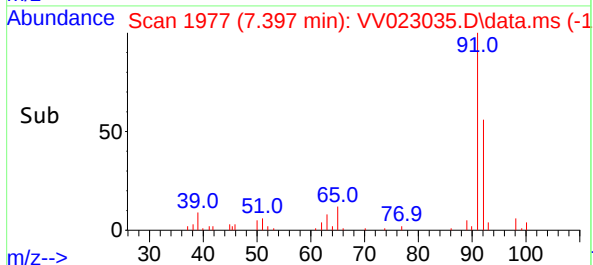
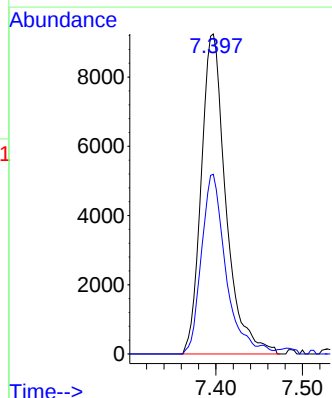
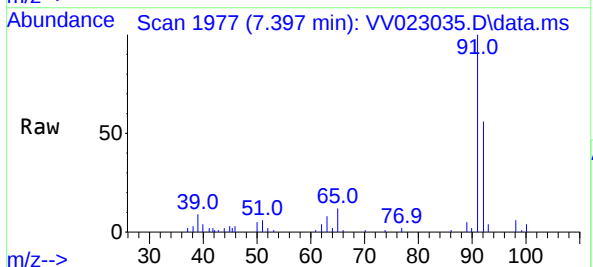
Acq: 26 Oct 2021 13:41

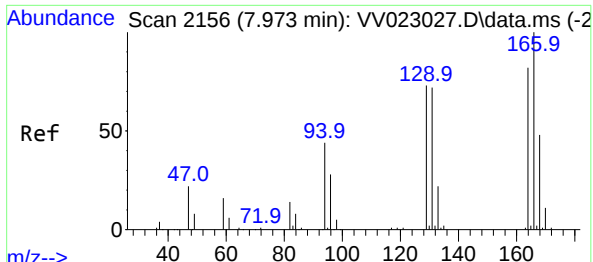
Tgt Ion: 91 Resp: 18275

Ion Ratio Lower Upper

91 100

92 56.1 39.3 72.9

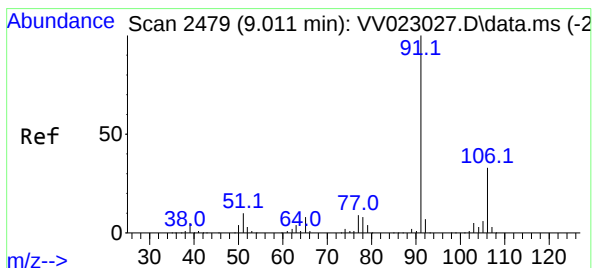
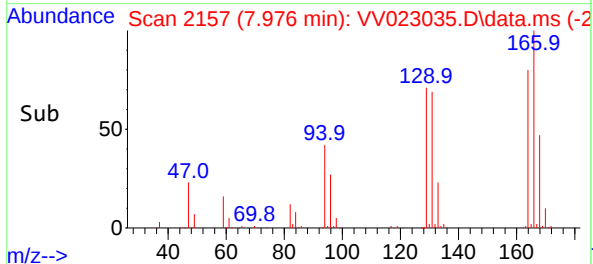
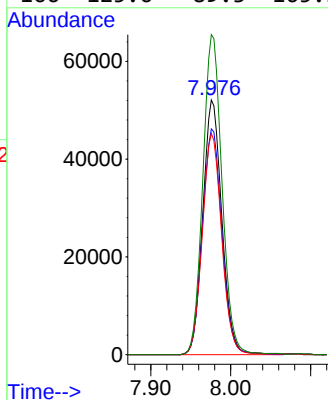
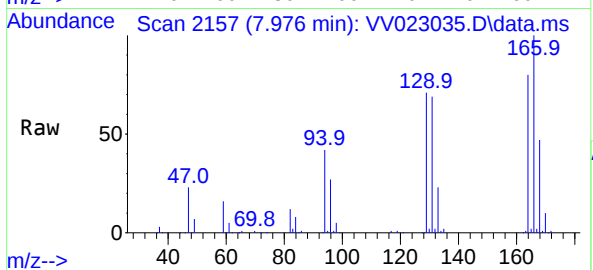




#47
Tetrachloroethene
Concen: 10.615 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

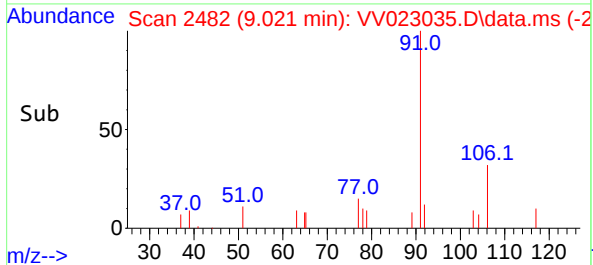
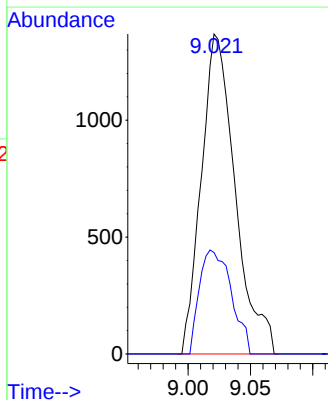
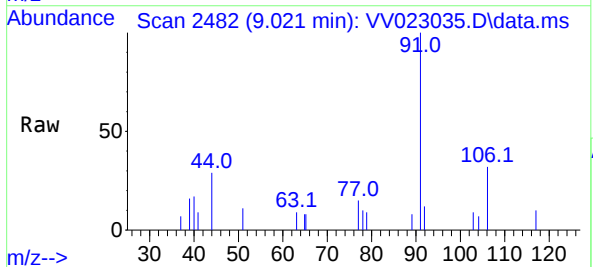
Instrument :
MSVOA_V
ClientSampleId :
BFGG9

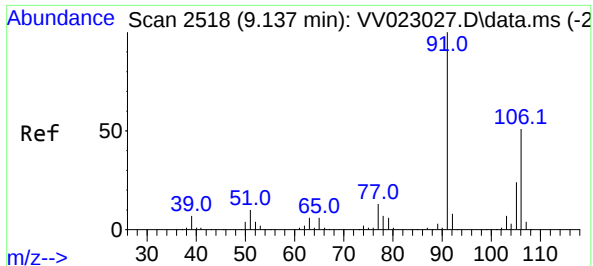
Tgt Ion:164 Resp: 86786
Ion Ratio Lower Upper
164 100
129 88.6 64.0 119.0
131 86.8 63.4 117.8
166 125.6 89.3 165.9



#52
Ethylbenzene
Concen: 0.067 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

Tgt Ion: 91 Resp: 2587
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9

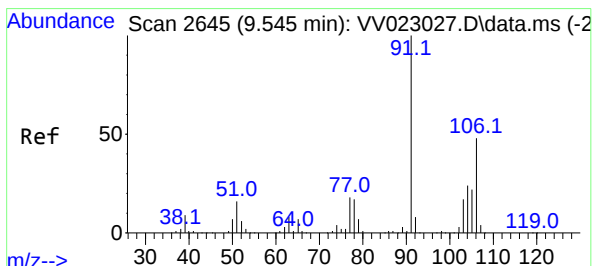
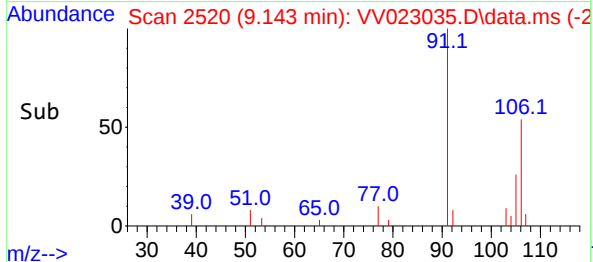
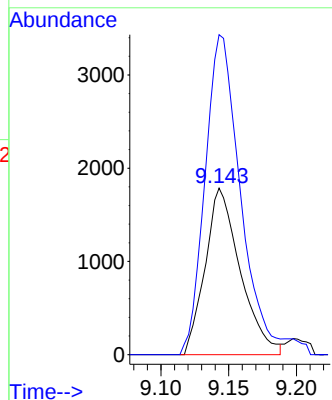
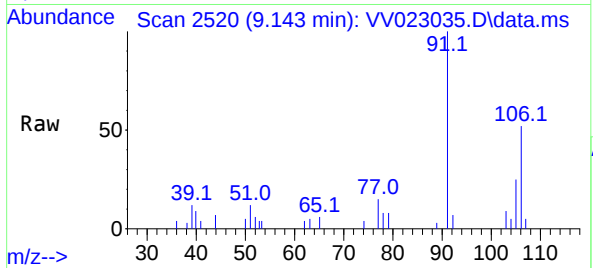




#53
m,p-xylene
Concen: 0.207 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

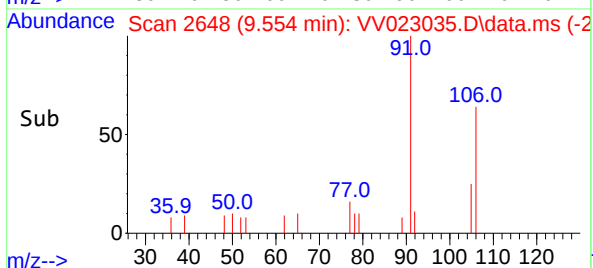
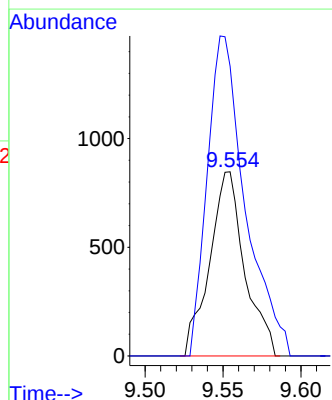
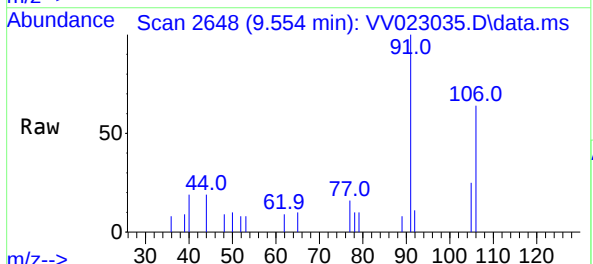
Instrument :
MSVOA_V
ClientSampleId :
BFGG9

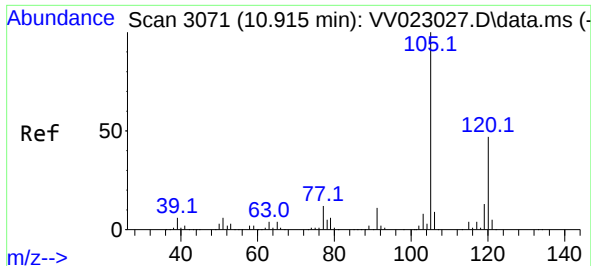
Tgt Ion:106 Resp: 3218
Ion Ratio Lower Upper
106 100
91 192.2 137.2 254.8



#54
o-xylene
Concen: 0.091 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.010 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

Tgt Ion:106 Resp: 1324
Ion Ratio Lower Upper
106 100
91 157.3 148.3 275.5





#63

1,2,4-Trimethylbenzene

Concen: 0.069 ug/L

RT: 10.921 min Scan# 3071

Delta R.T. 0.006 min

Lab File: VV023035.D

Acq: 26 Oct 2021 13:41

Instrument :

MSVOA_V

ClientSampleId :

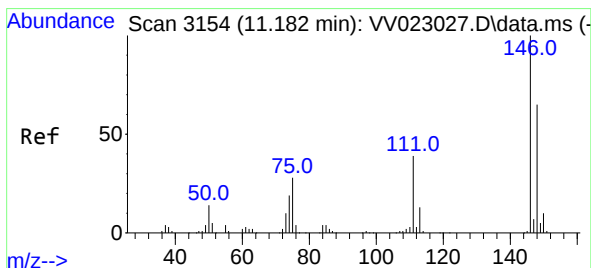
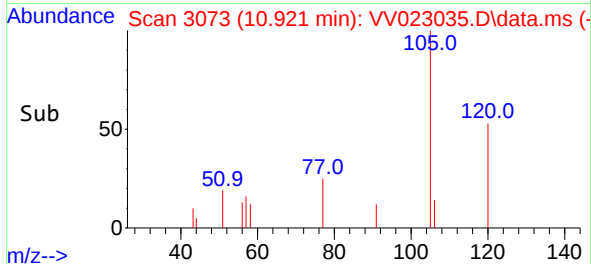
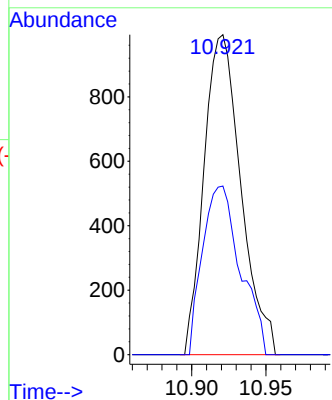
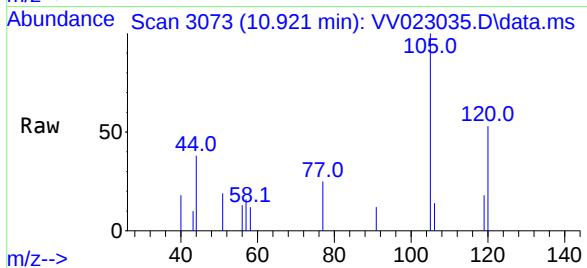
BFGG9

Tgt Ion:105 Resp: 1718

Ion Ratio Lower Upper

105 100

120 54.0 37.4 56.2



#64

1,3-Dichlorobenzene

Concen: 0.120 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.006 min

Lab File: VV023035.D

Acq: 26 Oct 2021 13:41

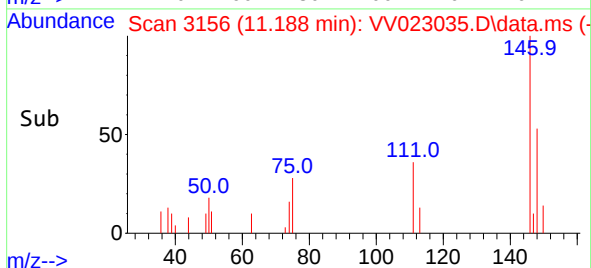
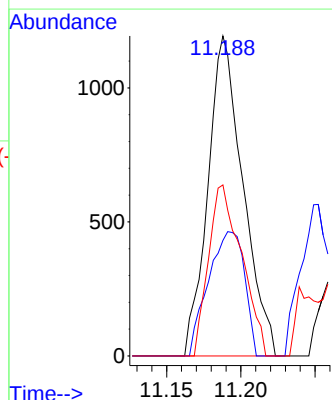
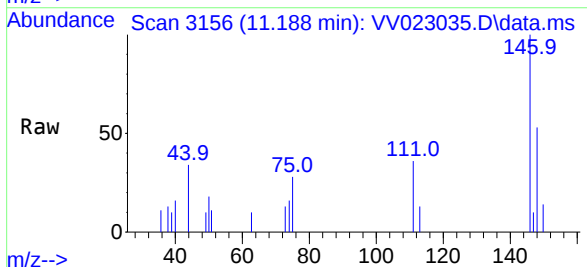
Tgt Ion:146 Resp: 1961

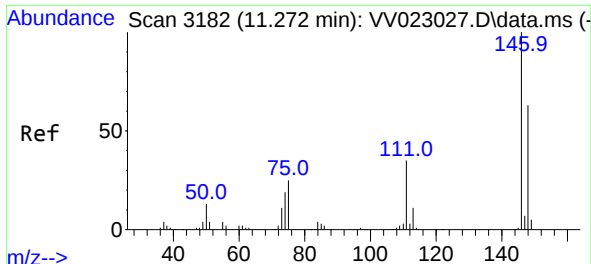
Ion Ratio Lower Upper

146 100

111 36.1 26.7 49.7

148 53.4 42.9 79.7

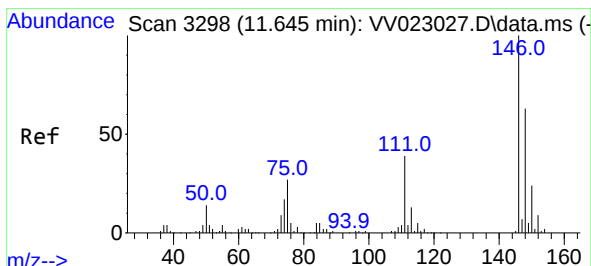
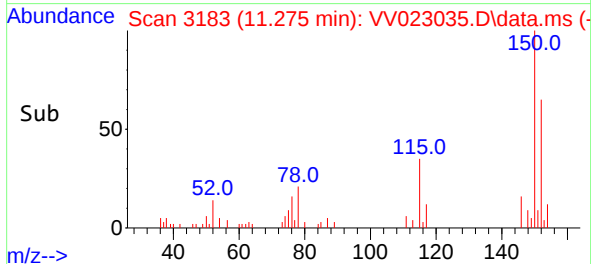
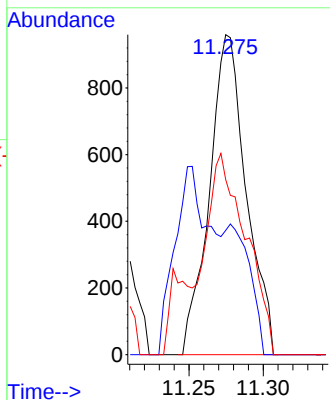
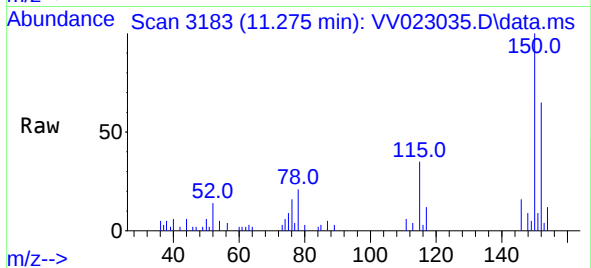




#65
1,4-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

Instrument :
MSVOA_V
ClientSampleId :
BFGG9

Tgt Ion:	146	Resp:	1656
Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.2	48.8
148	54.7	44.4	82.5



#67
1,2-Dichlorobenzene
Concen: 0.136 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV023035.D
Acq: 26 Oct 2021 13:41

Tgt Ion:	146	Resp:	2067
Ion	Ratio	Lower	Upper
146	100		
111	42.5	31.6	47.4
148	60.8	51.0	76.6

