

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023534.D
 Acq On : 16 Nov 2021 15:10
 Operator : SY/MD
 Sample : M4616-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y5DL

Quant Time: Nov 17 00:52:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

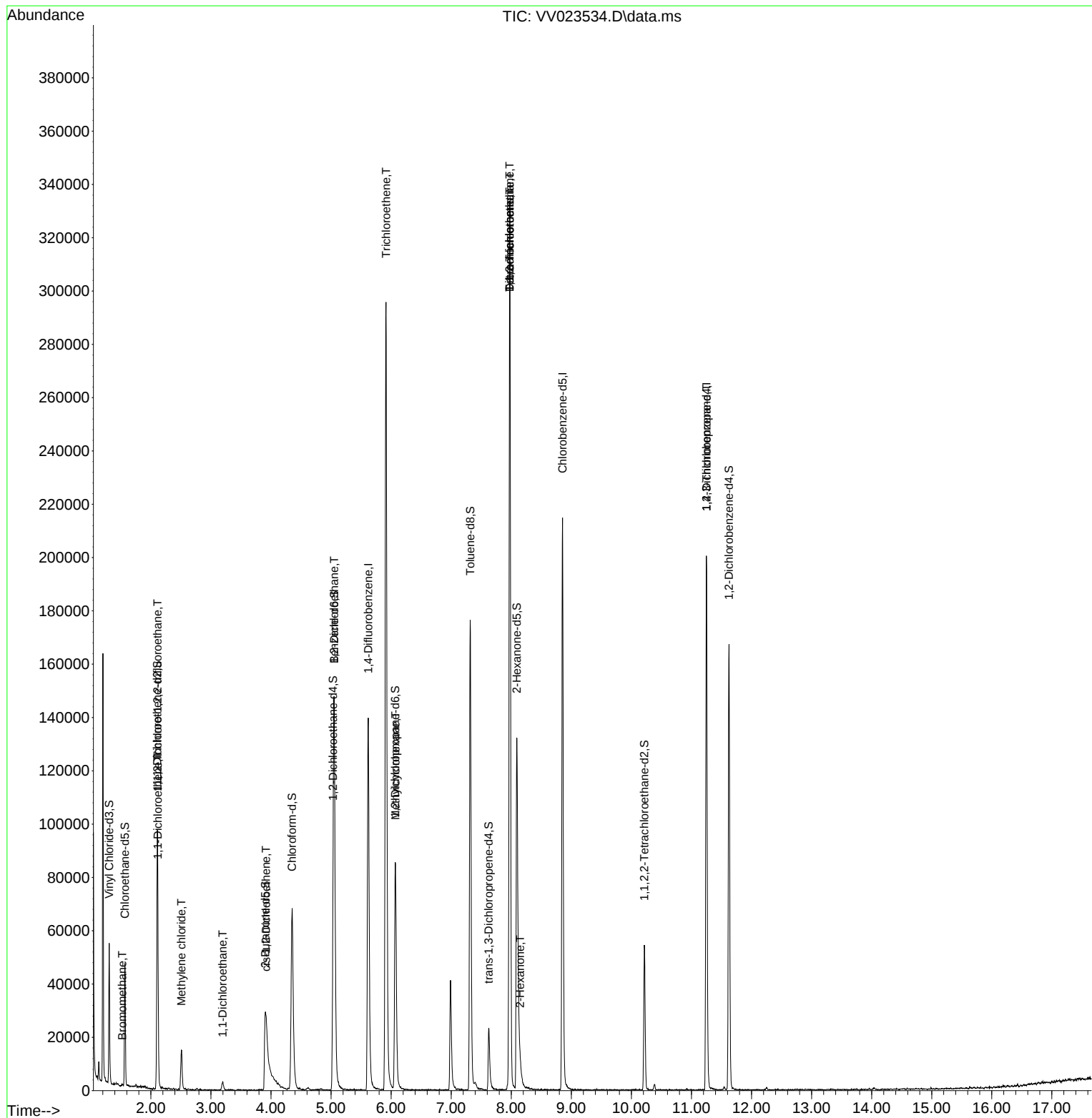
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123817	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33103	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.568	69	27977	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.108	63	48382	3.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.905	46	58557	43.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.640%
24) Chloroform-d	4.349	84	68932	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.034	65	33684	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.053	84	134577	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.069	67	40772	4.497	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.317	98	117344	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.625	79	14030	4.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.091	63	47794	37.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25152	3.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	45473	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	352	0.054	ug/L	81
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	926	0.119	ug/L #	55
12) 1,1-Dichloroethene	2.117	96	3670	0.497	ug/L #	1
16) Methylene chloride	2.510	84	6364	0.591	ug/L	92
19) 1,1-Dichloroethane	3.195	63	3405	0.222	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	2936	0.336	ug/L #	86
27) 1,2-Dichloroethane	5.053	62	896	0.103	ug/L #	72
34) Trichloroethene	5.915	95	99584	11.161	ug/L	94
35) Methylcyclohexane	6.072	83	10449	0.742	ug/L #	17
45) 1,1,2-Trichloroethane	7.972	97	643	0.114	ug/L #	1
47) Tetrachloroethene	7.976	164	75649	9.783	ug/L	97
48) 2-Hexanone	8.146	43	4985	1.958	ug/L #	86
49) Dibromochloromethane	7.976	129	67323	9.440	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5742	1.590	ug/L #	65

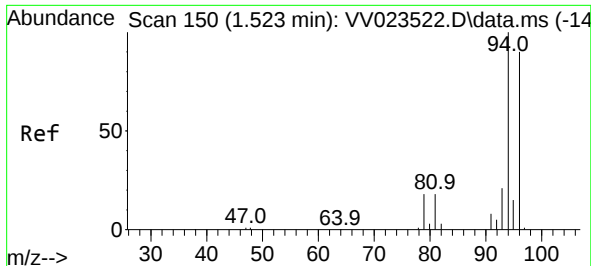
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023534.D
Acq On : 16 Nov 2021 15:10
Operator : SY/MD
Sample : M4616-12DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG1Y5DL

Quant Time: Nov 17 00:52:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

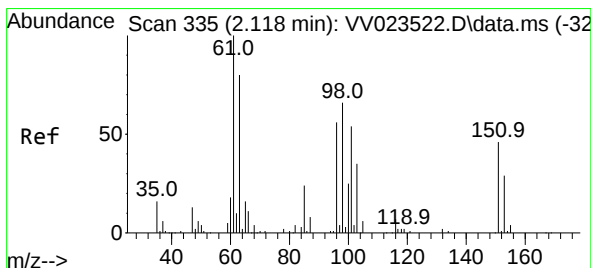
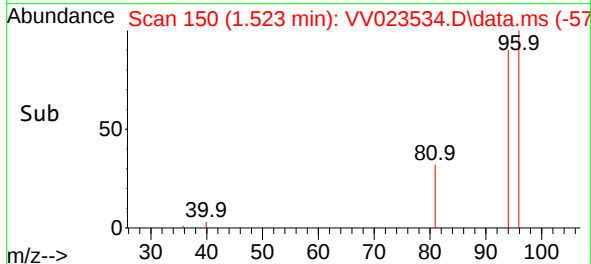
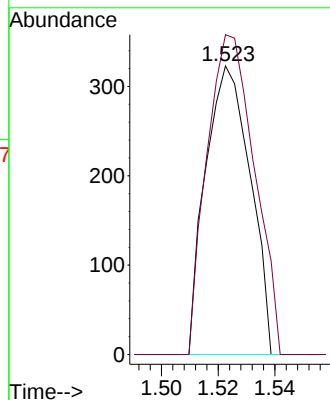
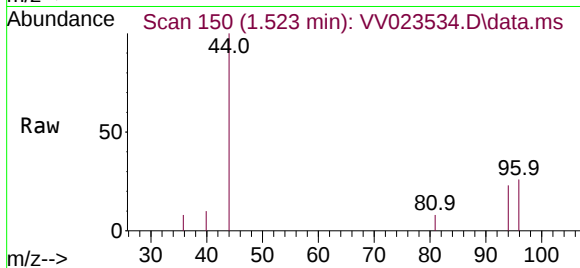




#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023534.D
Acq: 16 Nov 2021 15:10

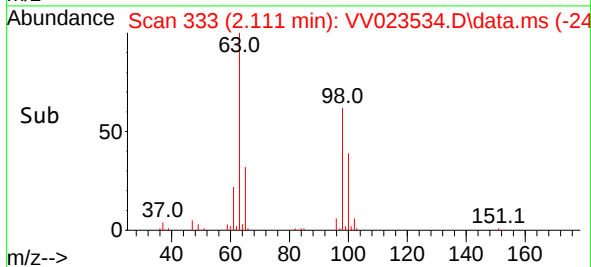
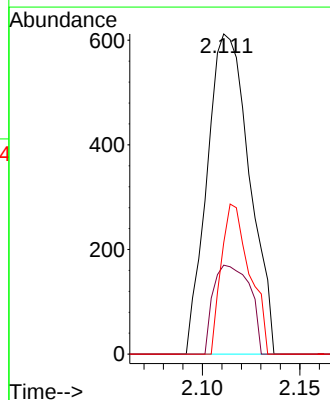
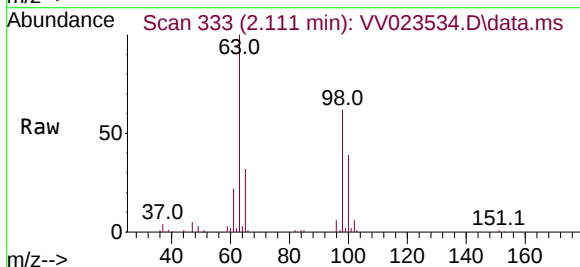
Instrument :
MSVOA_V
ClientSampleId :
BG1Y5DL

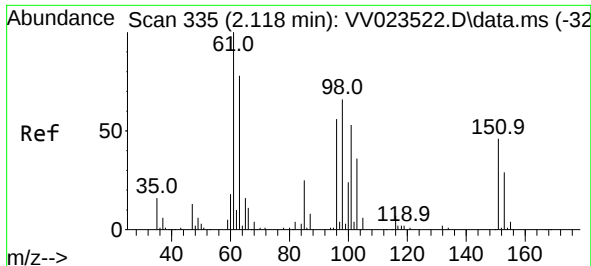
Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 110.8 65.0 120.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.119 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV023534.D
Acq: 16 Nov 2021 15:10

Tgt Ion:101 Resp: 926
Ion Ratio Lower Upper
101 100
85 23.9 35.3 52.9#
151 31.4 62.2 93.2#

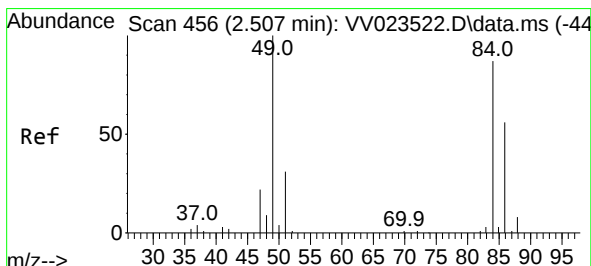
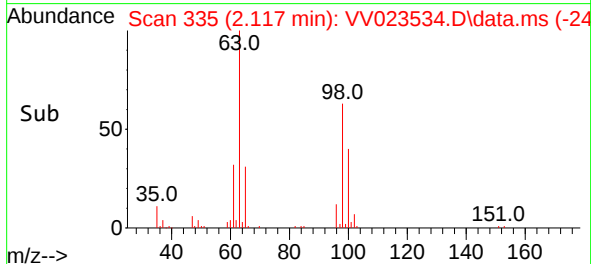
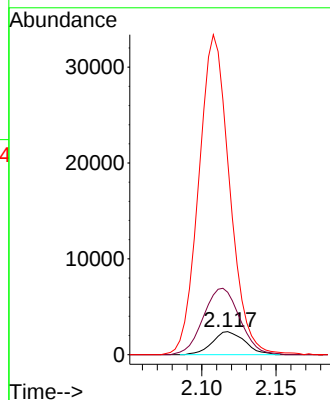
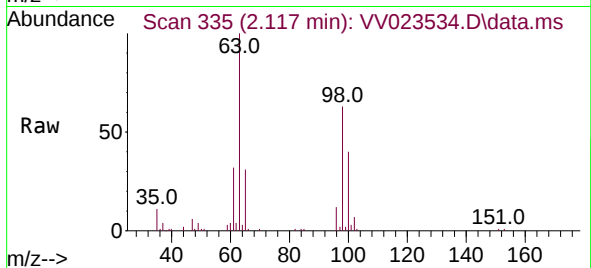




#12
1,1-Dichloroethene
Concen: 0.497 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV023534.D
Acq: 16 Nov 2021 15:10

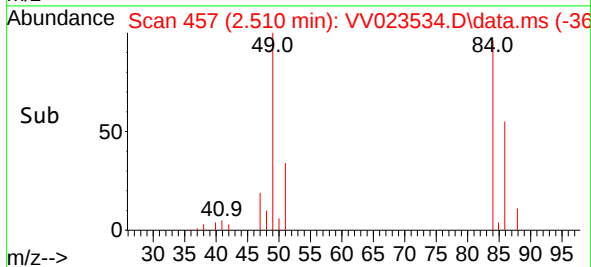
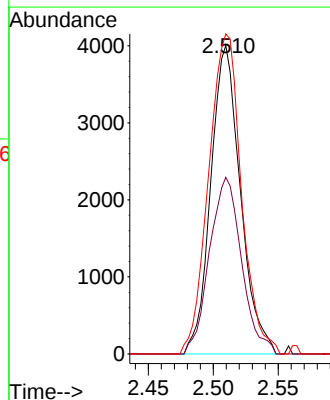
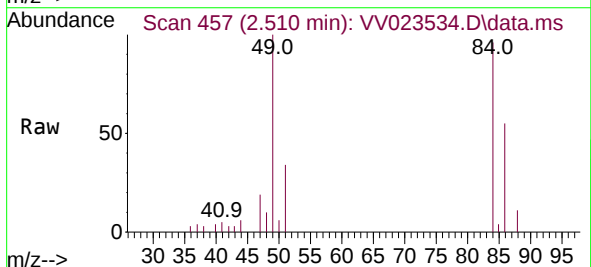
Instrument :
MSVOA_V
ClientSampleId :
BG1Y5DL

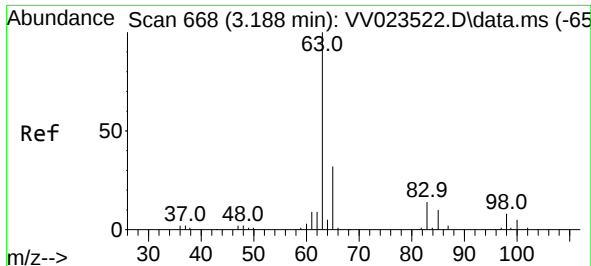
Tgt Ion: 96 Resp: 3670
Ion Ratio Lower Upper
96 100
61 270.3 121.5 225.7#
63 840.5 99.6 185.0#



#16
Methylene chloride
Concen: 0.591 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023534.D
Acq: 16 Nov 2021 15:10

Tgt Ion: 84 Resp: 6364
Ion Ratio Lower Upper
84 100
86 57.3 42.3 78.5
49 103.7 79.7 148.1





#19

1,1-Dichloroethane

Concen: 0.222 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

BG1Y5DL

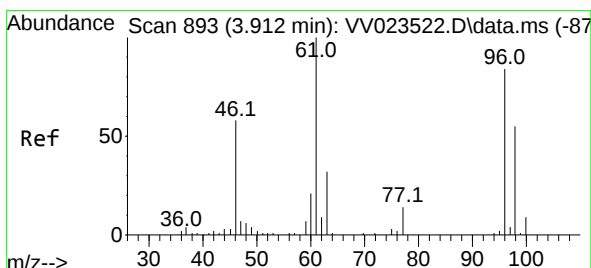
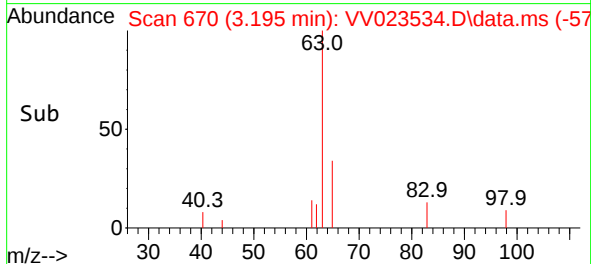
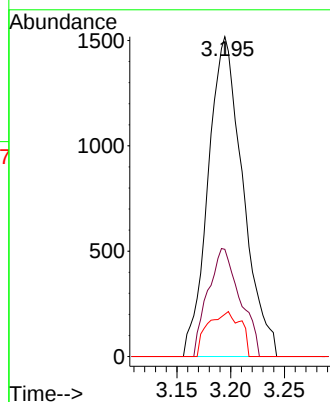
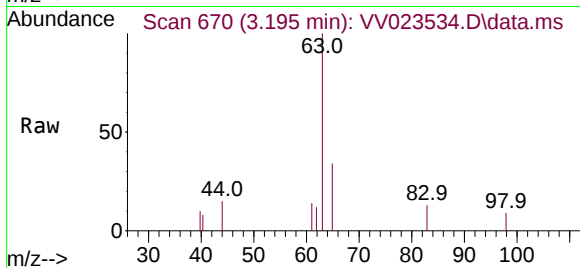
Tgt Ion: 63 Resp: 3405

Ion Ratio Lower Upper

63 100

65 33.5 22.6 42.0

83 13.2 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.336 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

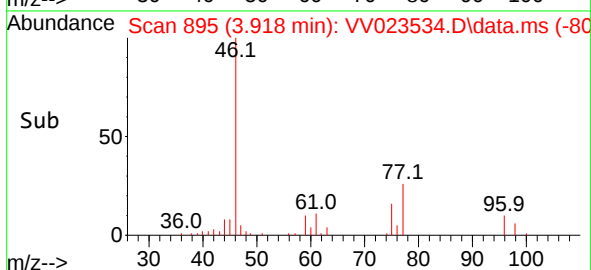
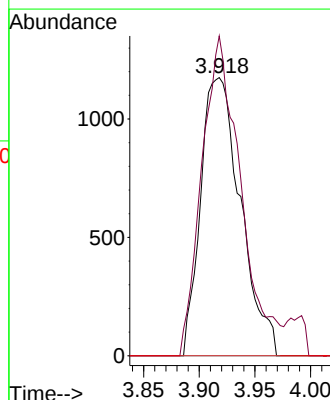
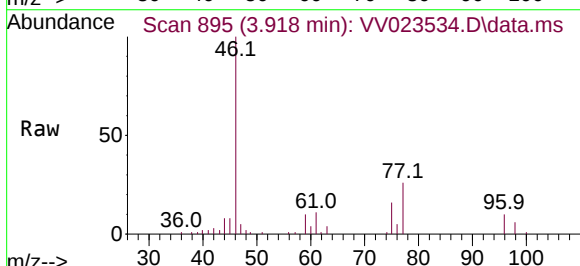
Tgt Ion: 96 Resp: 2936

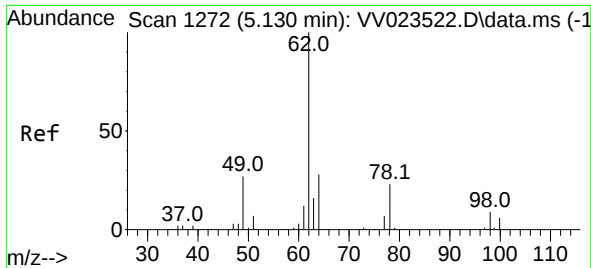
Ion Ratio Lower Upper

96 100

61 115.0 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

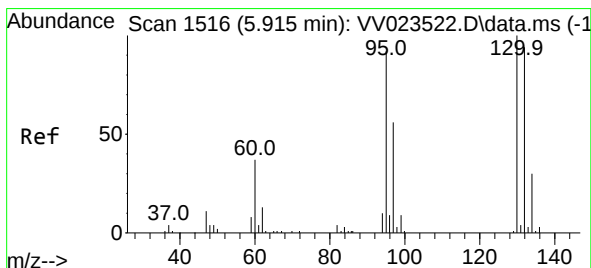
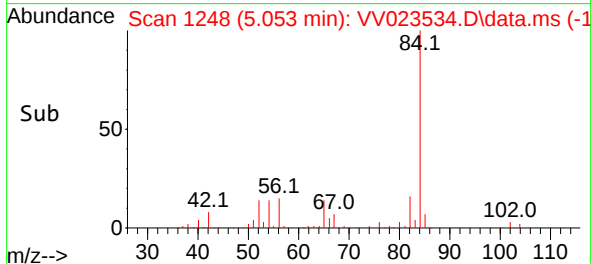
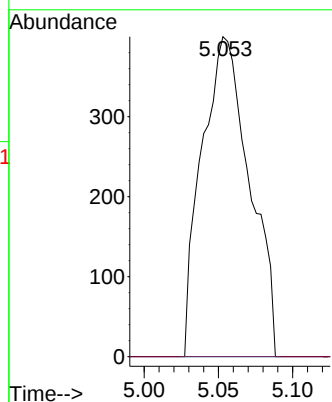
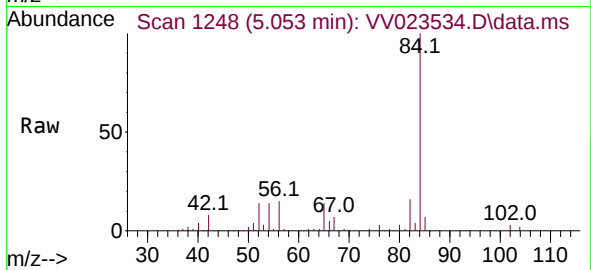
BG1Y5DL

Tgt Ion: 62 Resp: 896

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 11.161 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Tgt Ion: 95 Resp: 99584

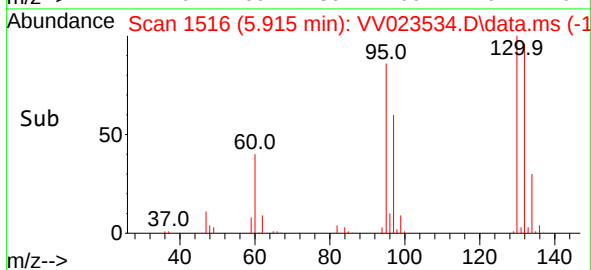
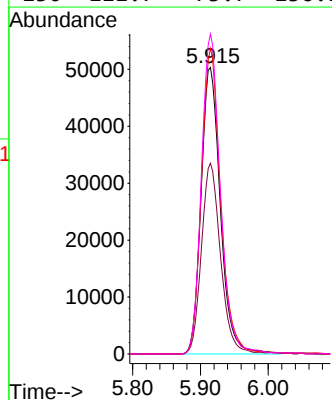
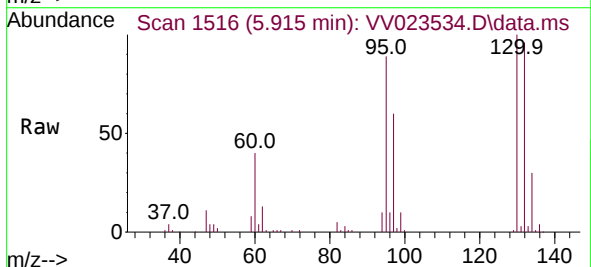
Ion Ratio Lower Upper

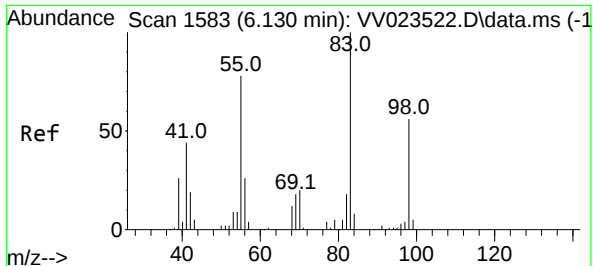
95 100

97 66.6 45.0 83.6

132 106.7 69.7 129.4

130 111.7 73.7 136.9





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

BG1Y5DL

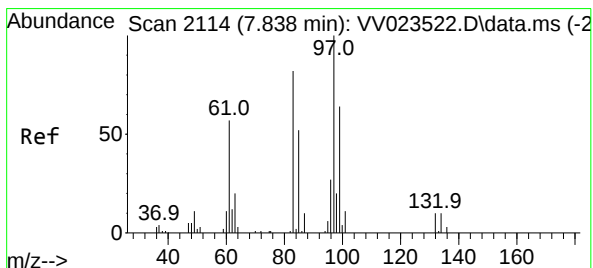
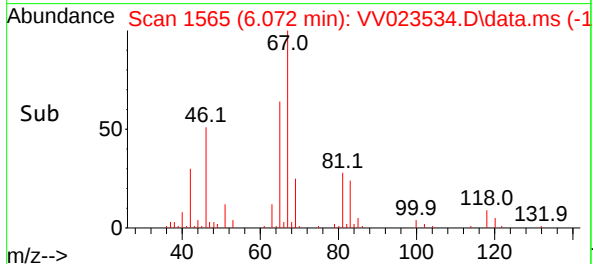
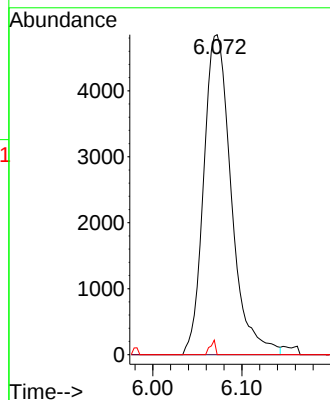
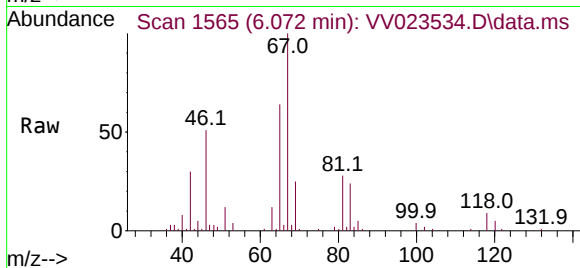
Tgt Ion: 83 Resp: 10449

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.0 37.9 56.9#



#45

1,1,2-Trichloroethane

Concen: 0.114 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.135 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Tgt Ion: 97 Resp: 643

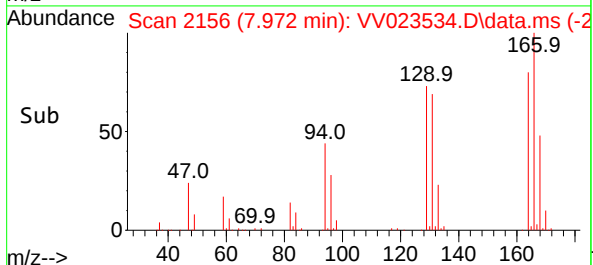
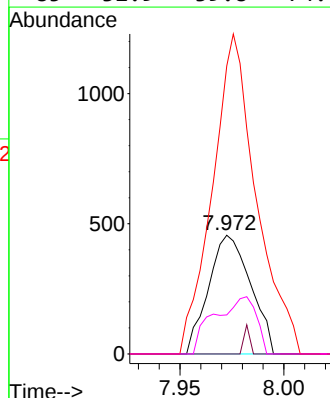
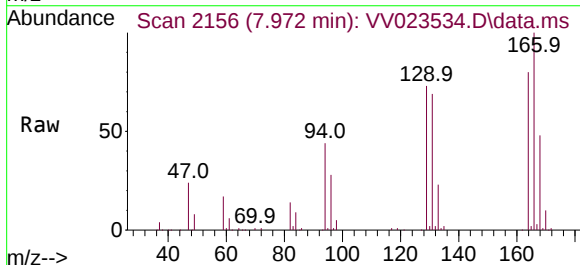
Ion Ratio Lower Upper

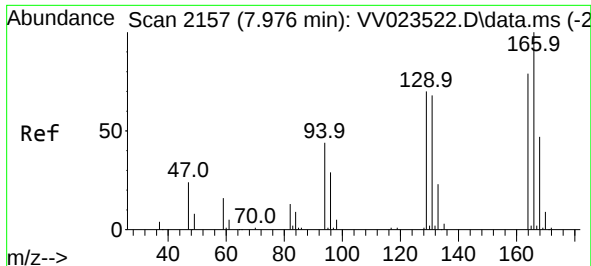
97 100

99 0.0 43.6 81.0#

83 242.5 58.4 108.4#

85 32.9 39.8 74.0#





#47

Tetrachloroethene

Concen: 9.783 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

BG1Y5DL

Tgt Ion:164 Resp: 75649

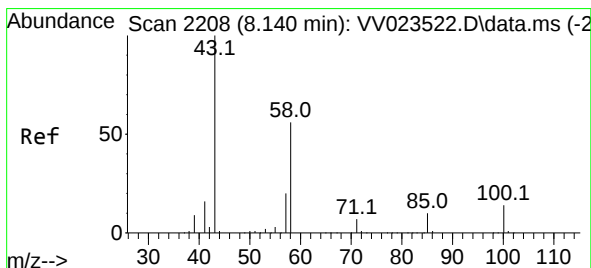
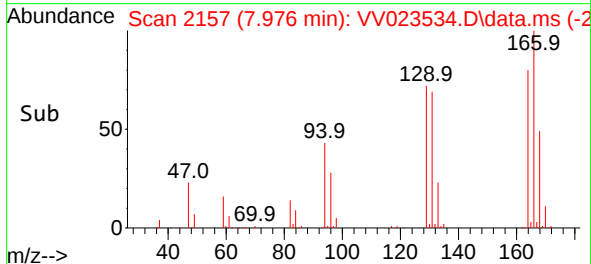
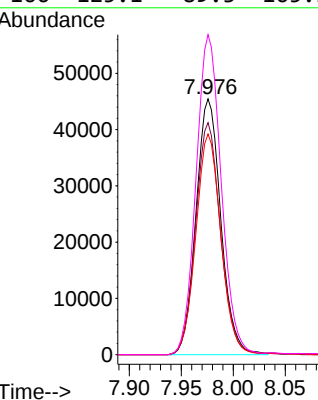
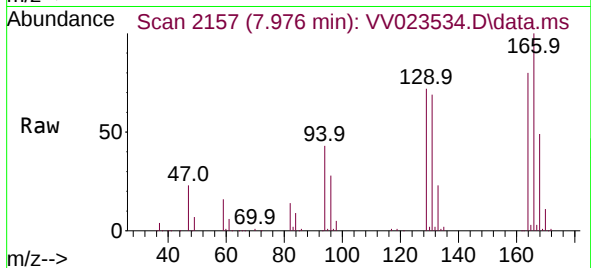
Ion Ratio Lower Upper

164 100

129 90.7 64.0 119.0

131 86.2 63.4 117.8

166 125.1 89.3 165.9



#48

2-Hexanone

Concen: 1.958 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Tgt Ion: 43 Resp: 4985

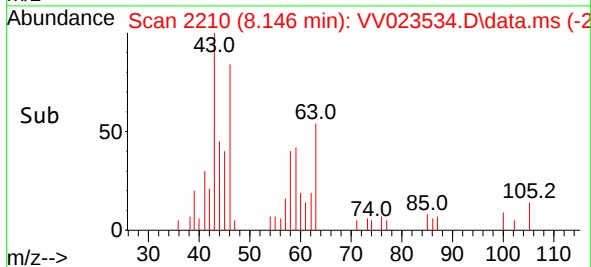
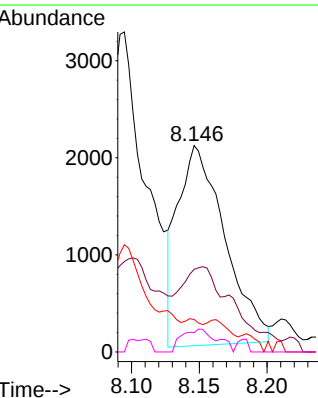
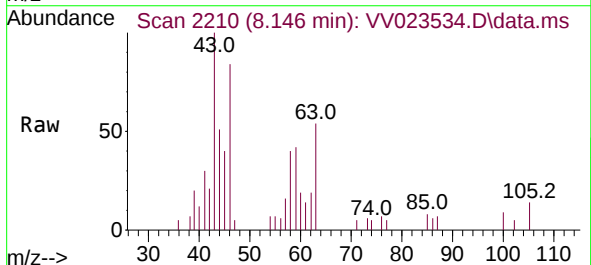
Ion Ratio Lower Upper

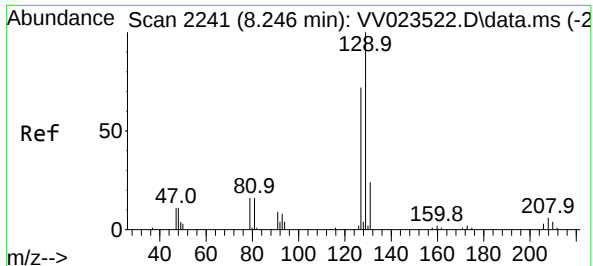
43 100

58 48.6 43.7 65.5

57 3.8 14.1 21.1#

100 8.4 10.2 15.2#





#49

Dibromochloromethane

Concen: 9.440 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Instrument :

MSVOA_V

ClientSampleId :

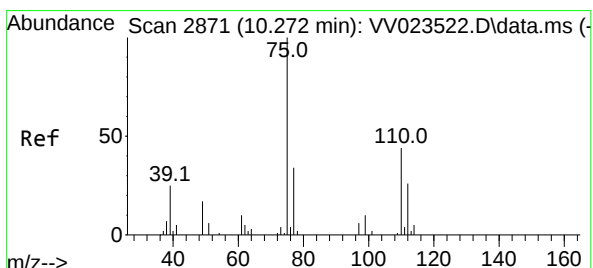
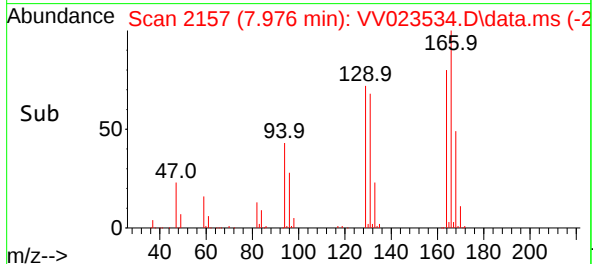
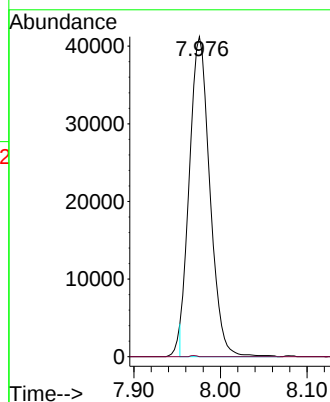
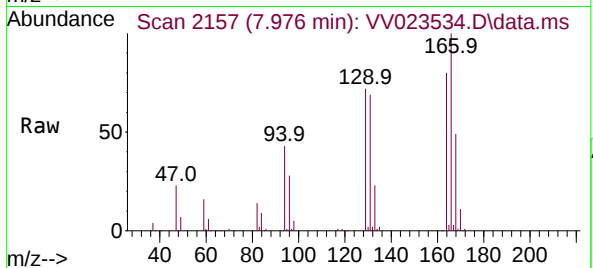
BG1Y5DL

Tgt Ion:129 Resp: 67323

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.590 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023534.D

Acq: 16 Nov 2021 15:10

Tgt Ion: 75 Resp: 5742

Ion Ratio Lower Upper

75 100

77 34.3 26.6 39.8

110 1.7 31.8 47.6#

