

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023536.D
 Acq On : 16 Nov 2021 15:58
 Operator : SY/MD
 Sample : M4616-07DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y0DL

Quant Time: Nov 17 00:53:20 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)

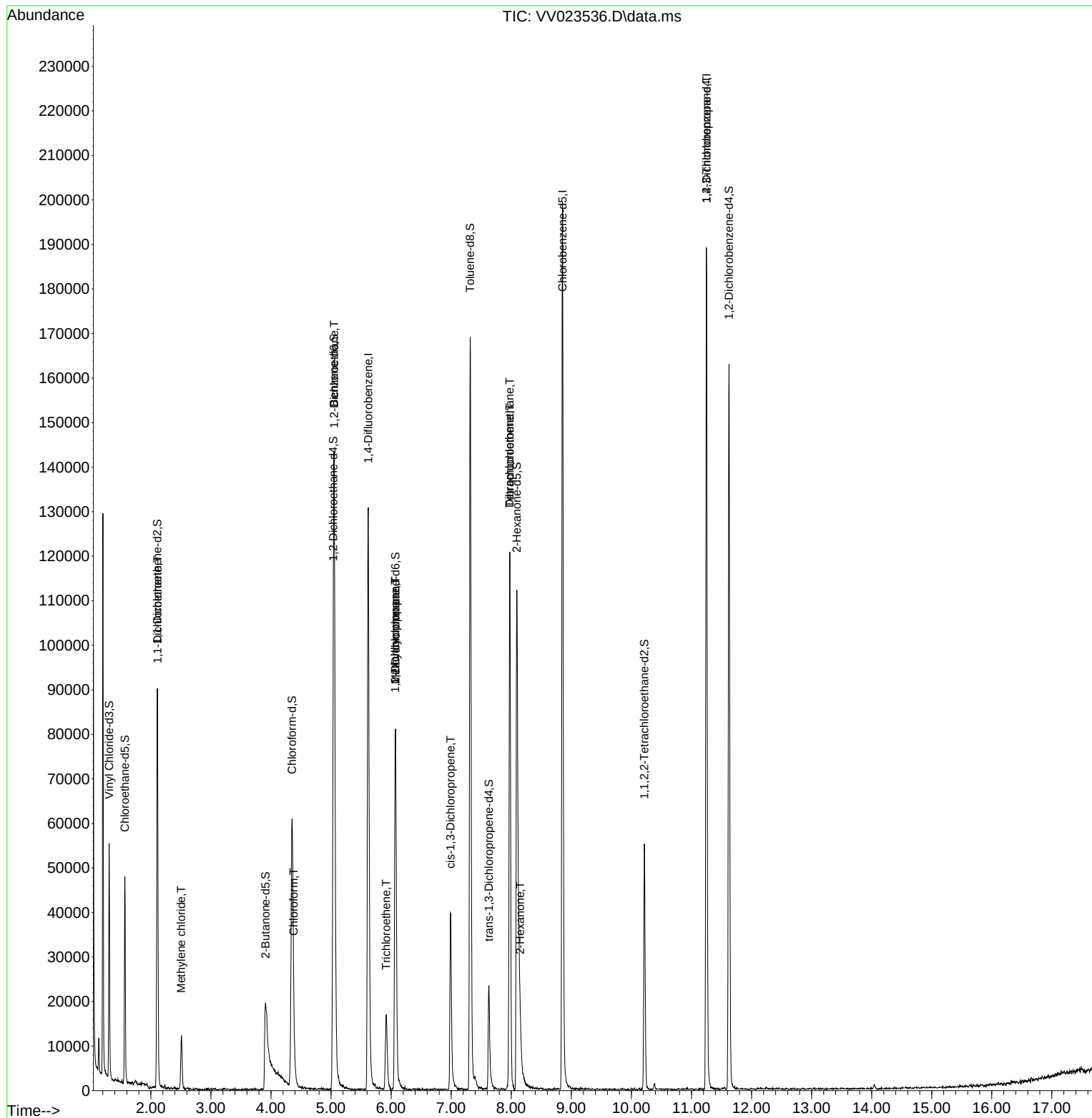
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32087	4.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.568	69	27163	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	45696	3.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.908	46	41748	33.569	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.140%
24) Chloroform-d	4.352	84	63382	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.037	65	32358	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.050	84	129879	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.072	67	40104	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	112152	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.628	79	13885	4.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.091	63	45634	37.878	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25586	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	43174	5.054	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	465	0.068	ug/L #	1
16) Methylene chloride	2.506	84	5012	0.500	ug/L	95
25) Chloroform	4.378	83	7459	0.491	ug/L	99
27) 1,2-Dichloroethane	5.053	62	788	0.097	ug/L #	72
34) Trichloroethene	5.918	95	5091	0.599	ug/L	84
35) Methylcyclohexane	6.072	83	9922	0.740	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4600	0.617	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1046	0.097	ug/L #	56
47) Tetrachloroethene	7.976	164	28729	3.901	ug/L	96
48) 2-Hexanone	8.146	43	4437	1.830	ug/L #	94
49) Dibromochloromethane	7.976	129	25120	3.699	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5398	1.584	ug/L #	65

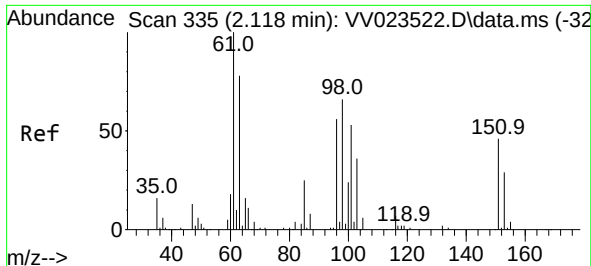
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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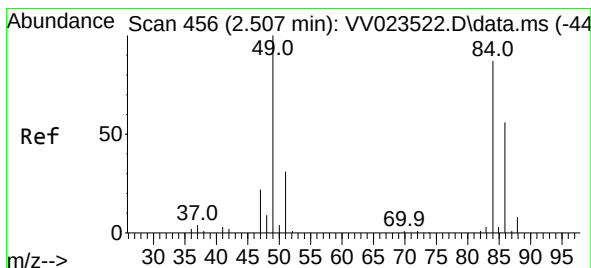
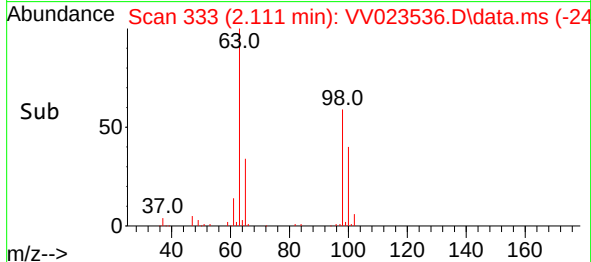
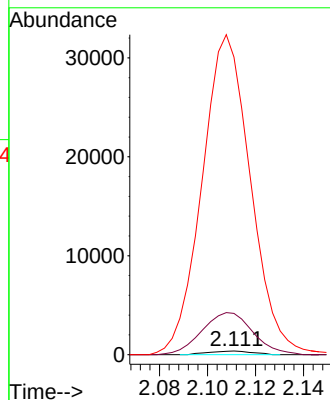
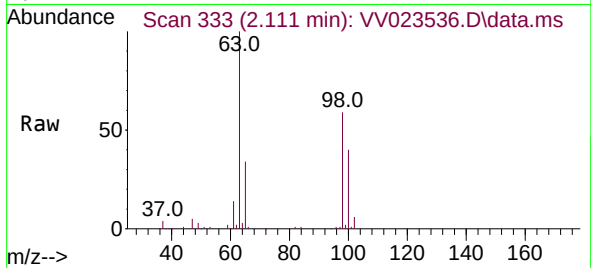




#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV023536.D
Acq: 16 Nov 2021 15:58

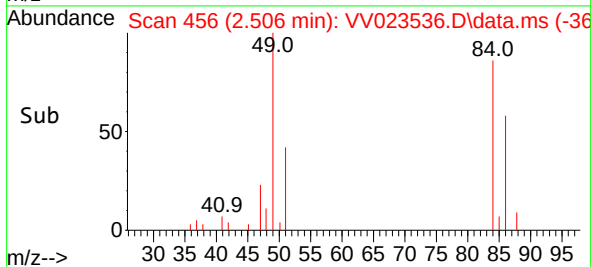
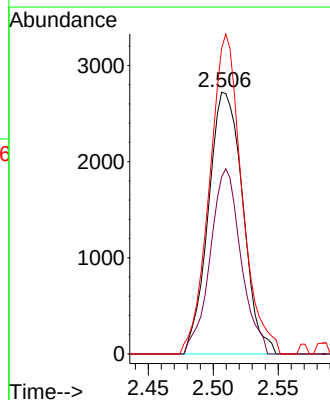
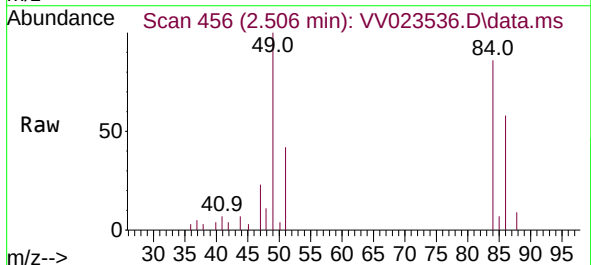
Instrument :
MSVOA_V
ClientSampleId :
BG1Y0DL

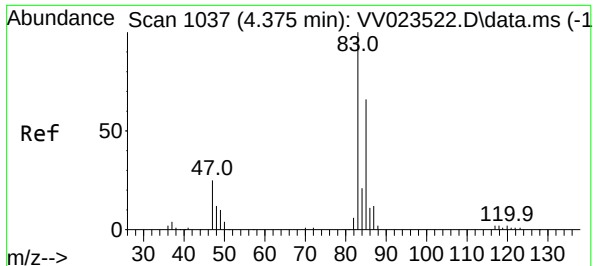
Tgt Ion: 96 Resp: 465
Ion Ratio Lower Upper
96 100
61 1130.1 121.5 225.7#
63 8153.9 99.6 185.0#



#16
Methylene chloride
Concen: 0.500 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023536.D
Acq: 16 Nov 2021 15:58

Tgt Ion: 84 Resp: 5012
Ion Ratio Lower Upper
84 100
86 67.7 42.3 78.5
49 116.9 79.7 148.1

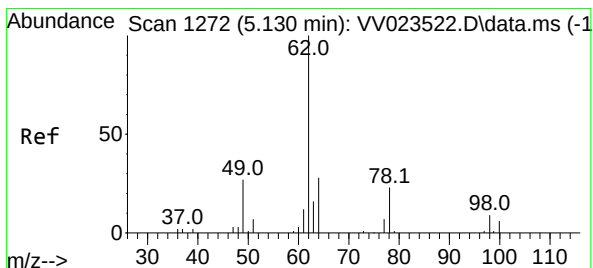
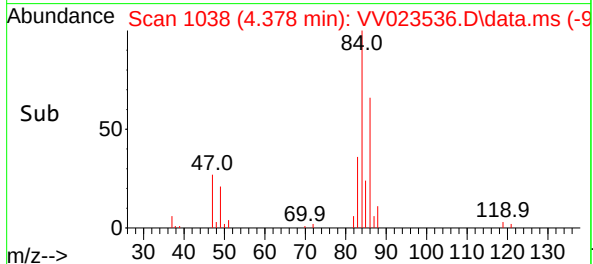
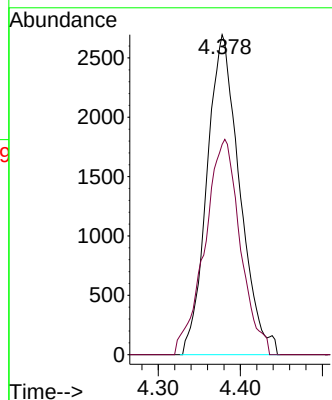
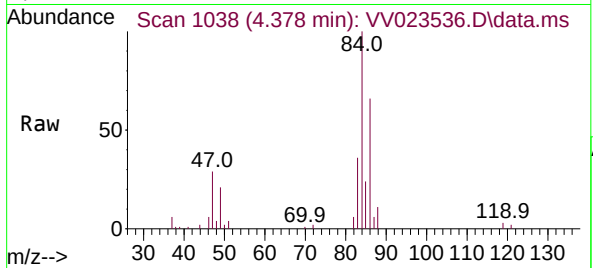




#25
Chloroform
Concen: 0.491 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023536.D
Acq: 16 Nov 2021 15:58

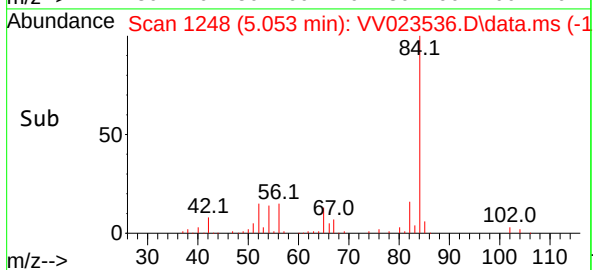
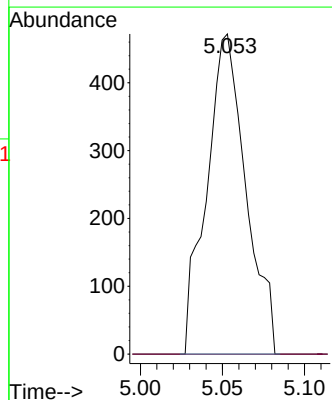
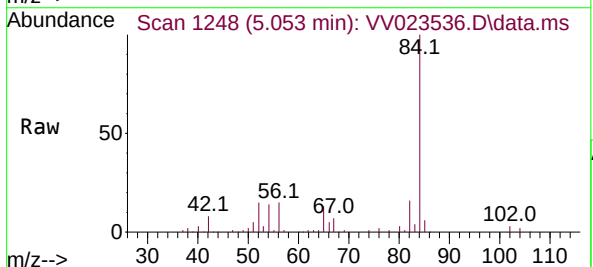
Instrument :
MSVOA_V
ClientSampleId :
BG1Y0DL

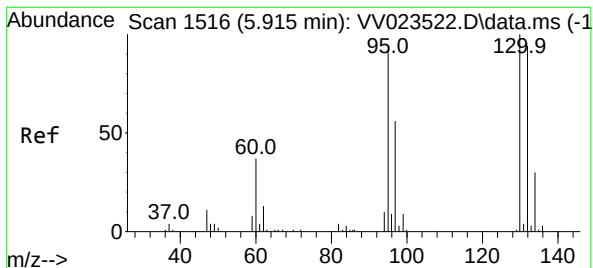
Tgt Ion: 83 Resp: 7459
Ion Ratio Lower Upper
83 100
85 65.7 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV023536.D
Acq: 16 Nov 2021 15:58

Tgt Ion: 62 Resp: 788
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 0.599 ug/L

RT: 5.918 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

Instrument :

MSVOA_V

ClientSampleId :

BG1Y0DL

Tgt Ion: 95 Resp: 5091

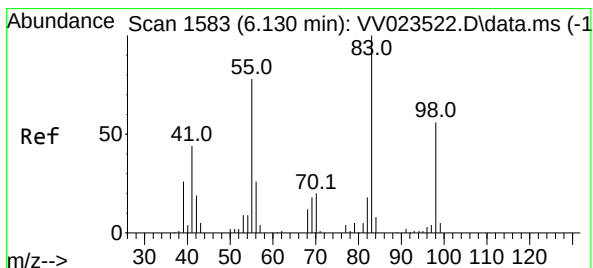
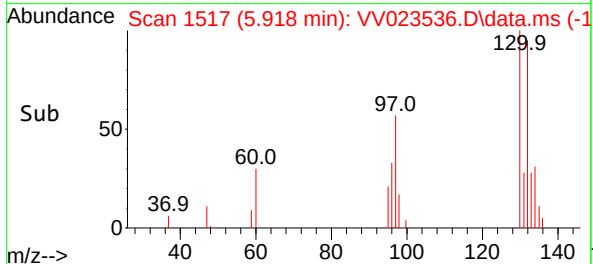
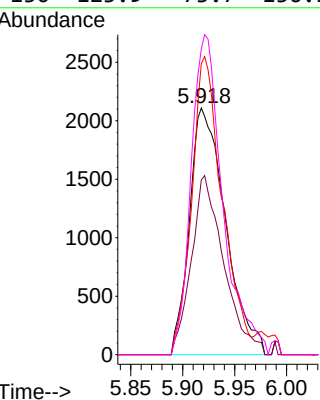
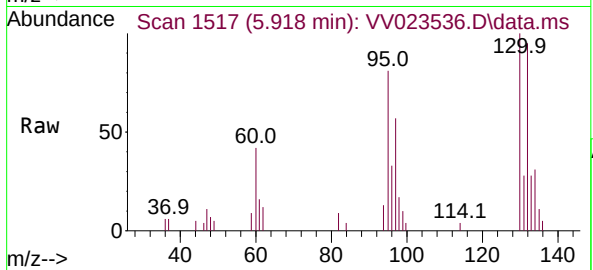
Ion Ratio Lower Upper

95 100

97 70.8 45.0 83.6

132 118.1 69.7 129.4

130 123.9 73.7 136.9



#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

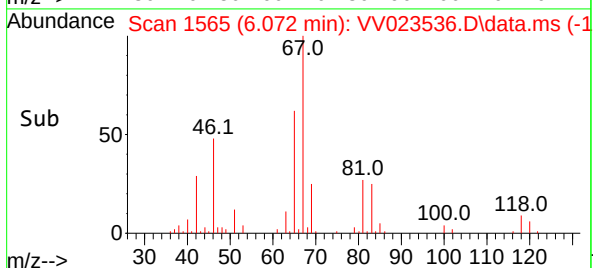
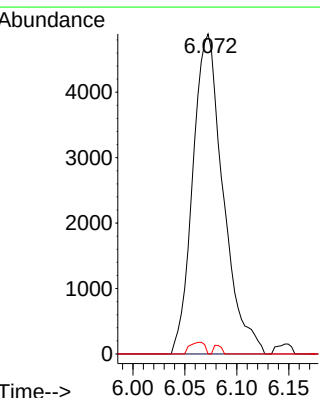
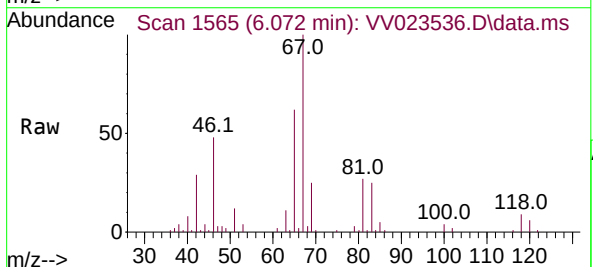
Tgt Ion: 83 Resp: 9922

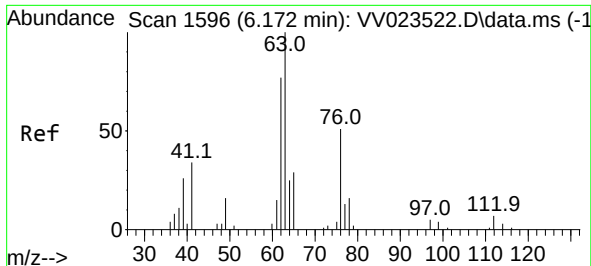
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

Instrument :

MSVOA_V

ClientSampleId :

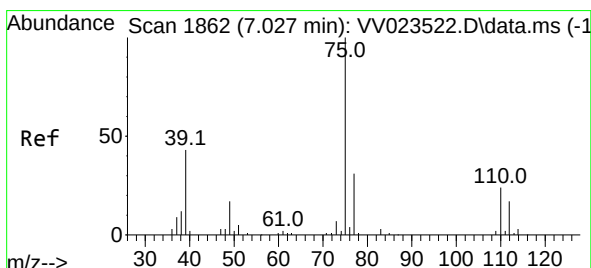
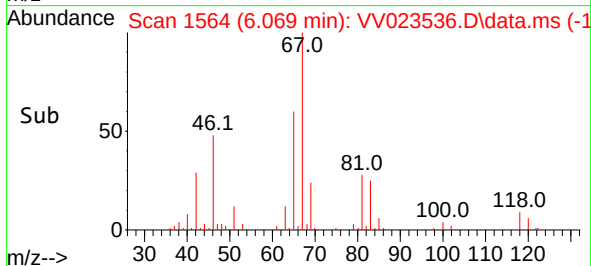
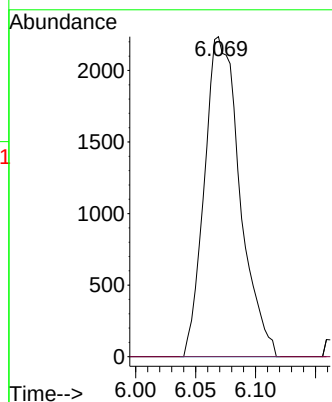
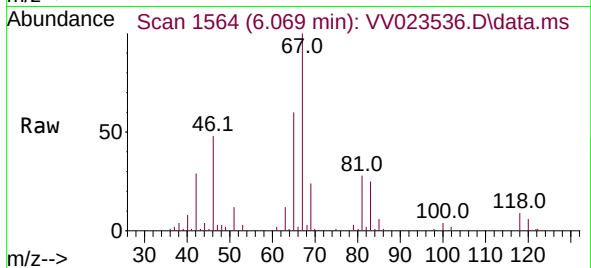
BG1Y0DL

Tgt Ion: 63 Resp: 4600

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023536.D

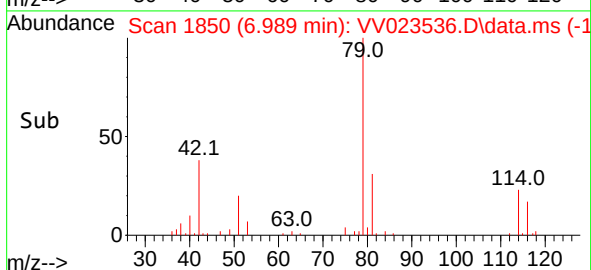
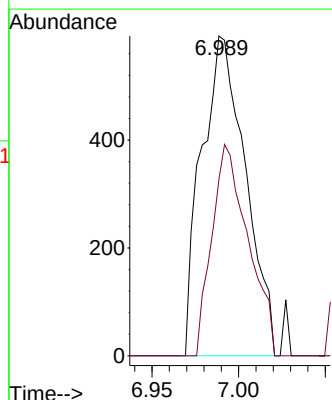
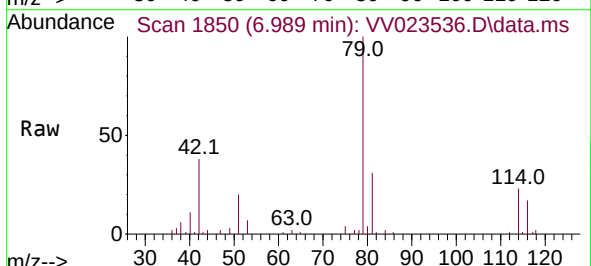
Acq: 16 Nov 2021 15:58

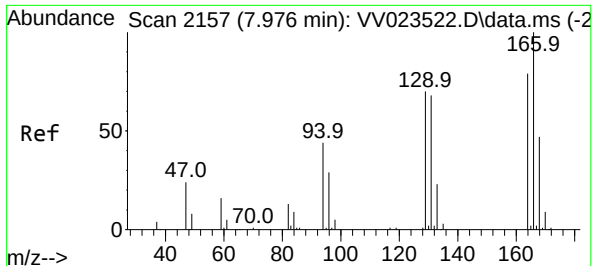
Tgt Ion: 75 Resp: 1046

Ion Ratio Lower Upper

75 100

77 55.1 21.6 40.2#





#47

Tetrachloroethene

Concen: 3.901 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

Instrument :

MSVOA_V

ClientSampleId :

BG1Y0DL

Tgt Ion:164 Resp: 28729

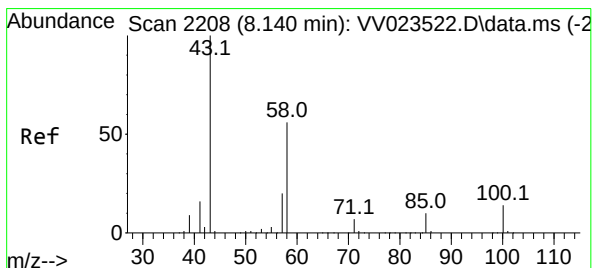
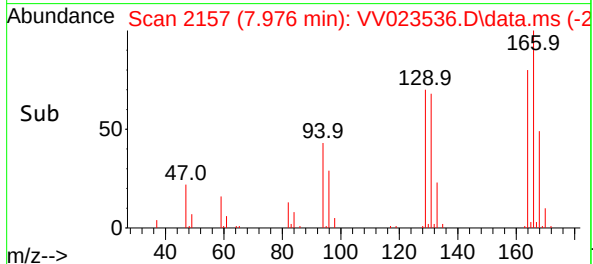
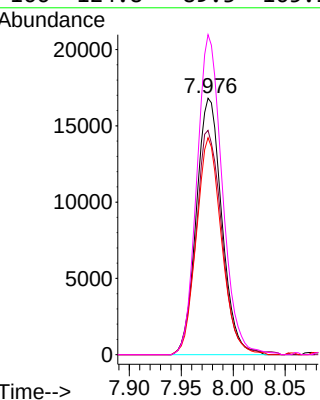
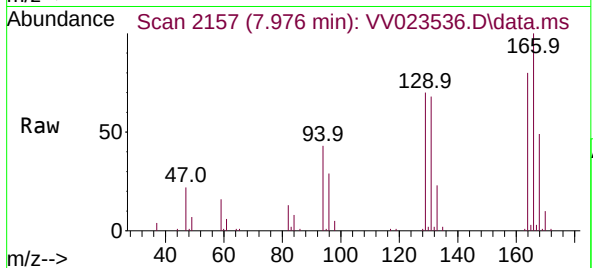
Ion Ratio Lower Upper

164 100

129 87.5 64.0 119.0

131 84.6 63.4 117.8

166 124.8 89.3 165.9



#48

2-Hexanone

Concen: 1.830 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

Tgt Ion: 43 Resp: 4437

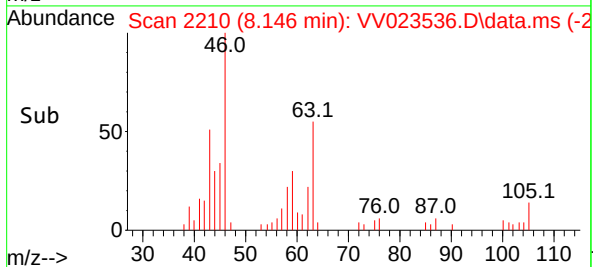
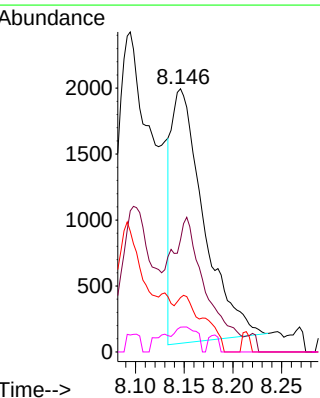
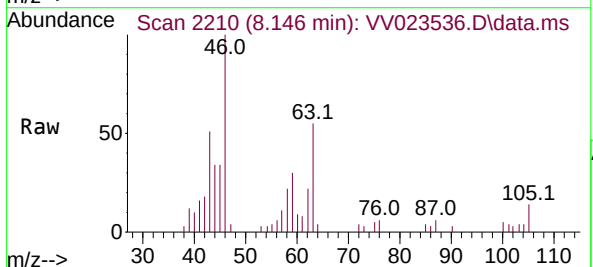
Ion Ratio Lower Upper

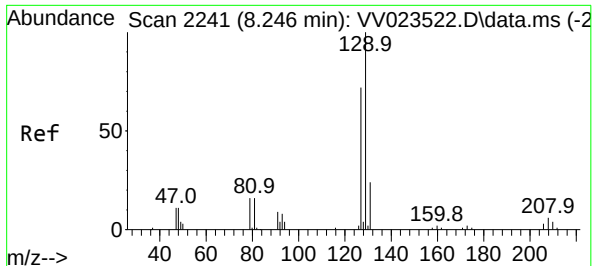
43 100

58 58.4 43.7 65.5

57 18.5 14.1 21.1

100 6.6 10.2 15.2#





#49

Dibromochloromethane

Concen: 3.699 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

Instrument :

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ClientSampleId :

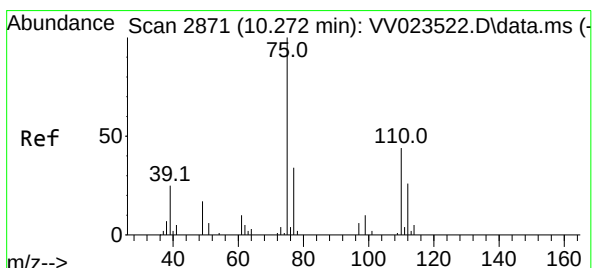
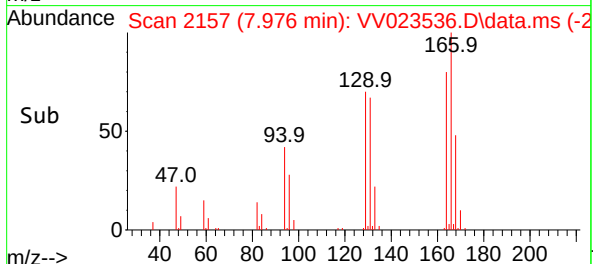
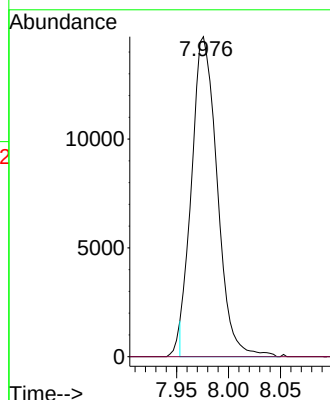
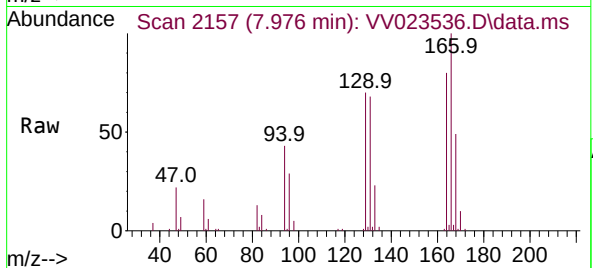
BG1Y0DL

Tgt Ion:129 Resp: 25120

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.584 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023536.D

Acq: 16 Nov 2021 15:58

Tgt Ion: 75 Resp: 5398

Ion Ratio Lower Upper

75 100

77 34.6 26.6 39.8

110 1.7 31.8 47.6#

