

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023548.D
 Acq On : 16 Nov 2021 20:48
 Operator : SY/MD
 Sample : M4616-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y6

Quant Time: Nov 17 00:55:56 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)

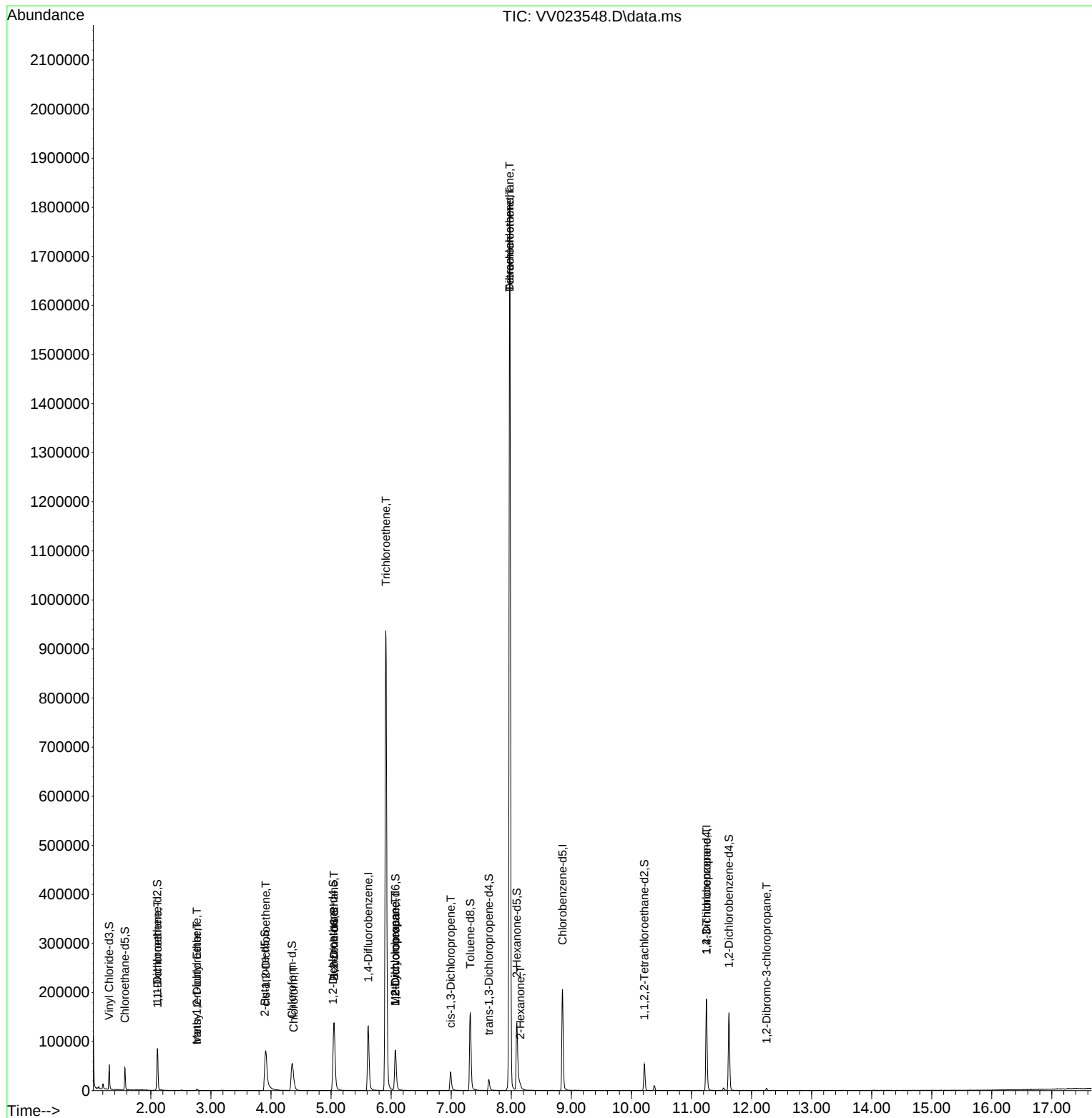
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116865	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29905	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.568	69	26668	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.108	63	43187	3.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.899	46	67009	53.127	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.260%
24) Chloroform-d	4.352	84	55621	3.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
26) 1,2-Dichloroethane-d4	5.034	65	32440	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	123473	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.072	67	38801	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.317	98	108132	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.629	79	13862	4.136	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.092	63	46615	37.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25048	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	42567	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1069	0.153	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	1477	0.096	ug/L #	90
18) trans-1,2-Dichloroethene	2.767	96	552	0.064	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	32920	3.993	ug/L #	88
25) Chloroform	4.378	83	14062	0.912	ug/L	98
27) 1,2-Dichloroethane	5.050	62	745	0.091	ug/L #	72
34) Trichloroethene	5.912	95	317777	36.536	ug/L	97
35) Methylcyclohexane	6.069	83	10034	0.731	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4632	0.607	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1006	0.092	ug/L #	73
47) Tetrachloroethene	7.976	164	395094	52.414	ug/L	99
48) 2-Hexanone	8.149	43	7817	3.150	ug/L #	87
49) Dibromochloromethane	7.976	129	349028	50.209	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5314	1.573	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.249	75	75	0.104	ug/L #	1

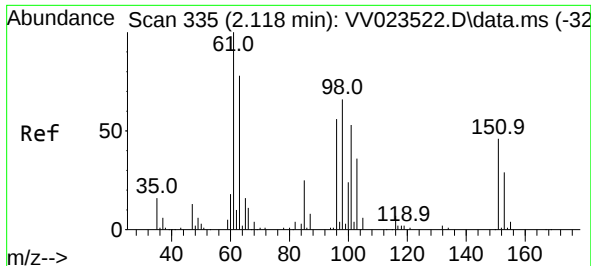
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.153 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023548.D

Acq: 16 Nov 2021 20:48

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6

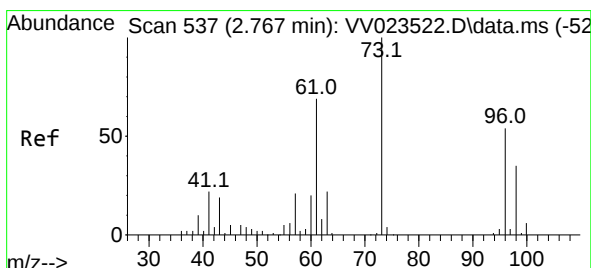
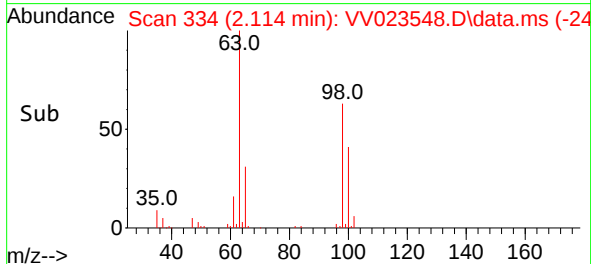
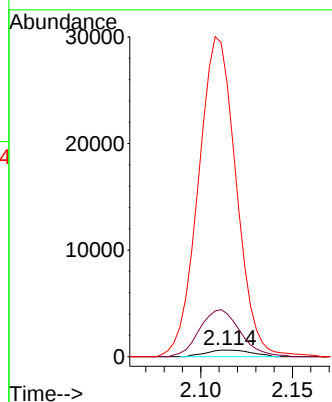
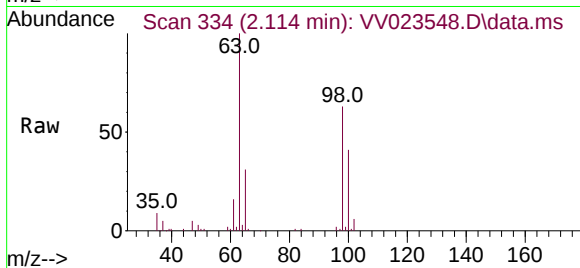
Tgt Ion: 96 Resp: 1069

Ion Ratio Lower Upper

96 100

61 654.9 121.5 225.7#

63 4159.2 99.6 185.0#



#17

Methyl tert-butyl Ether

Concen: 0.096 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV023548.D

Acq: 16 Nov 2021 20:48

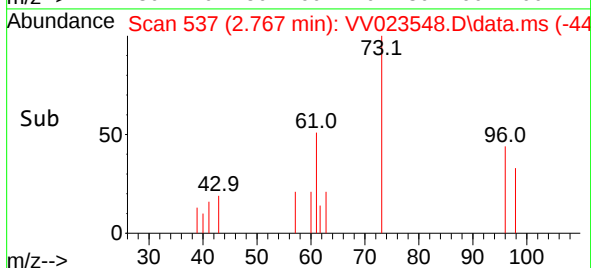
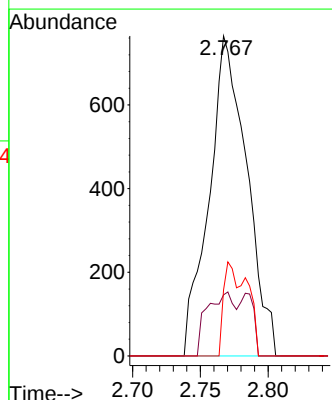
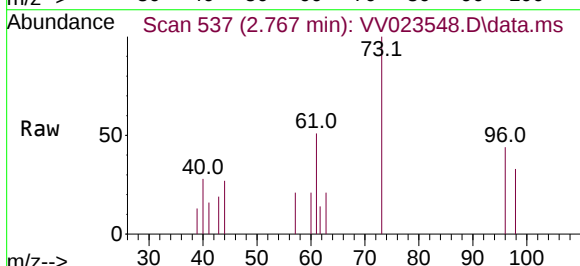
Tgt Ion: 73 Resp: 1477

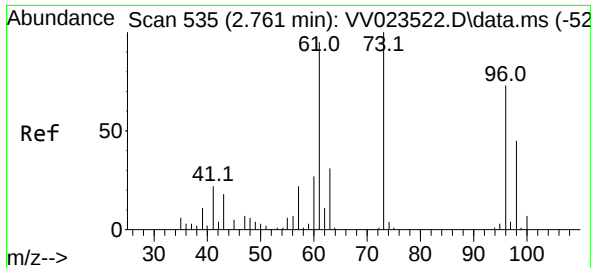
Ion Ratio Lower Upper

73 100

43 14.7 17.4 26.0#

57 18.3 16.5 24.7

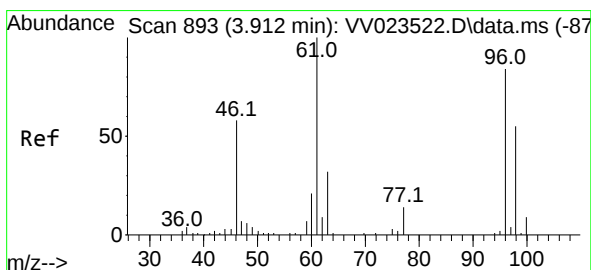
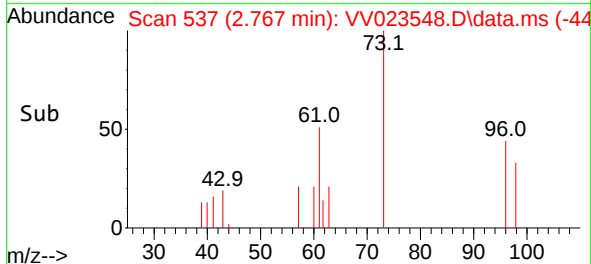
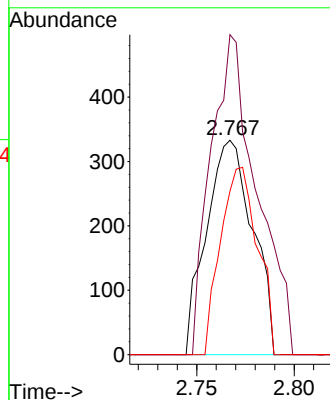
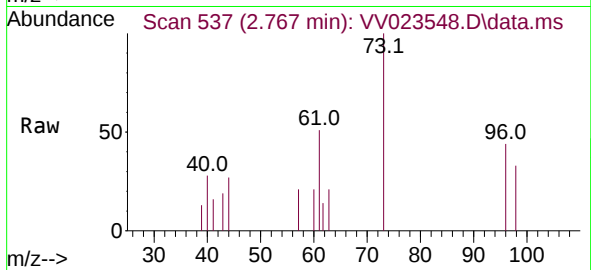




#18
trans-1,2-Dichloroethene
Concen: 0.064 ug/L
RT: 2.767 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

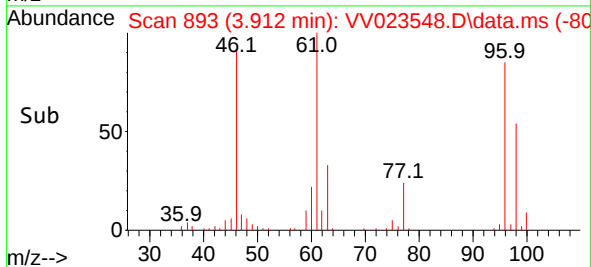
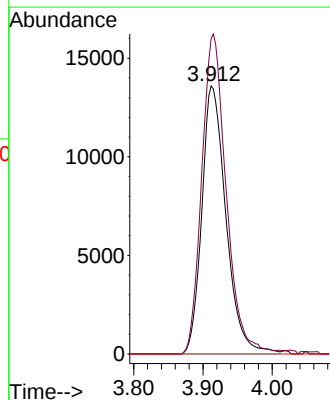
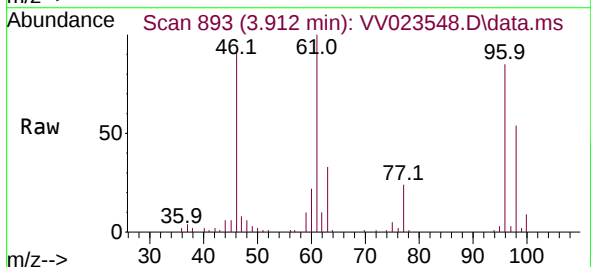
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

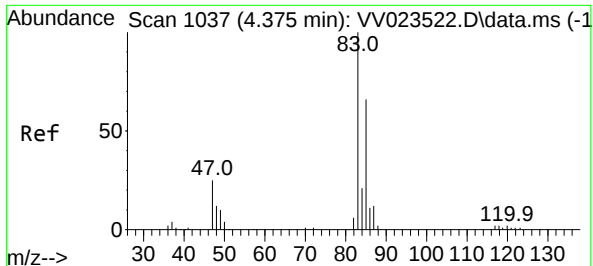
Tgt Ion: 96 Resp: 552
Ion Ratio Lower Upper
96 100
61 149.2 93.2 173.2
98 76.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 3.993 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

Tgt Ion: 96 Resp: 32920
Ion Ratio Lower Upper
96 100
61 117.4 92.3 171.3
68 0.0 0.4 0.8#

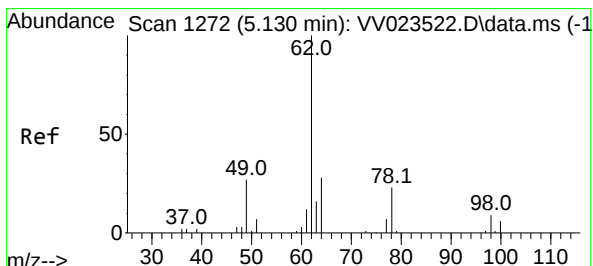
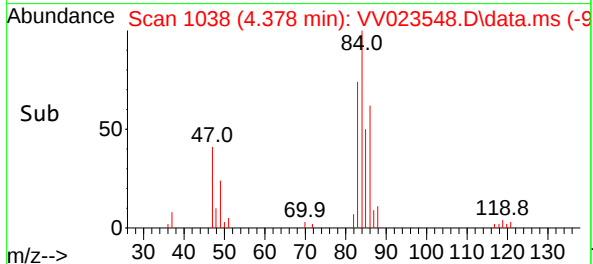
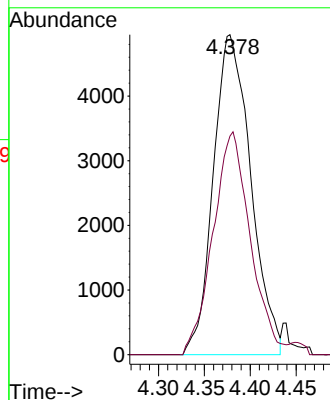
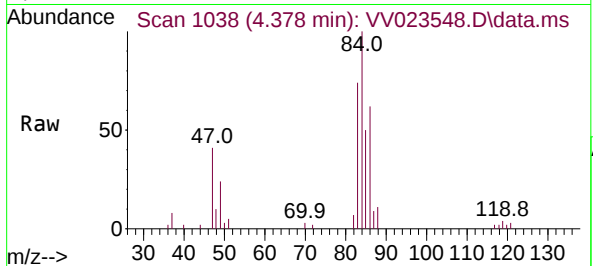




#25
Chloroform
Concen: 0.912 ug/L
RT: 4.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

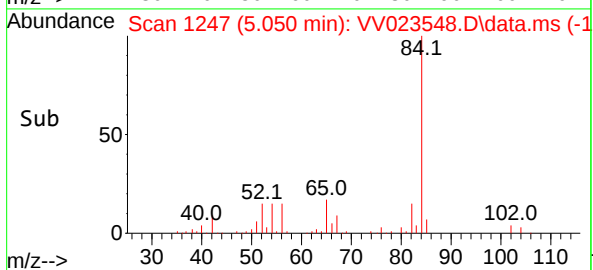
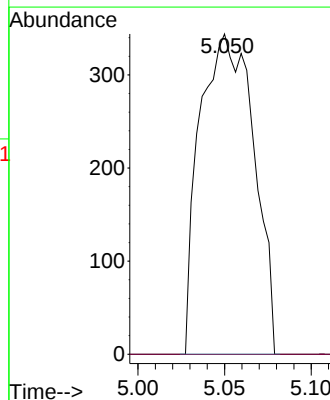
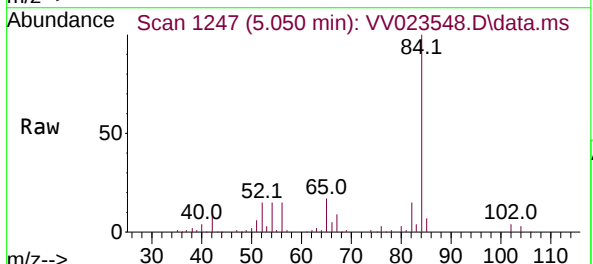
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

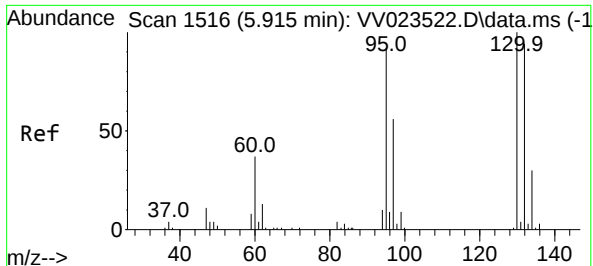
Tgt Ion: 83 Resp: 14062
Ion Ratio Lower Upper
83 100
85 68.3 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

Tgt Ion: 62 Resp: 745
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



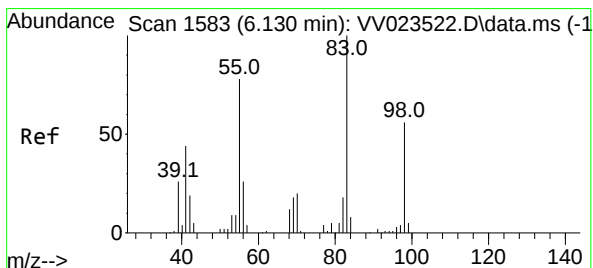
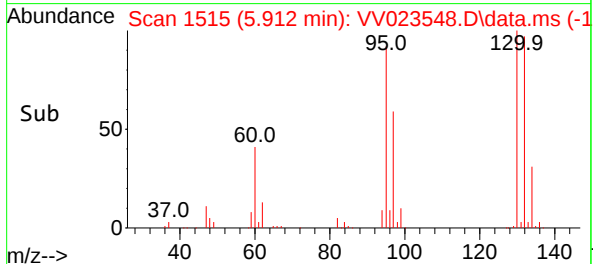
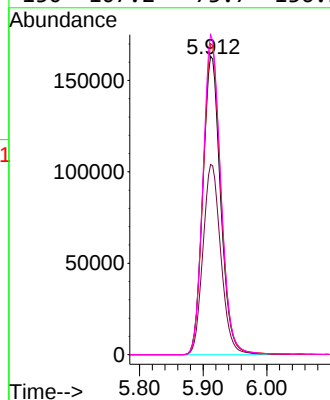
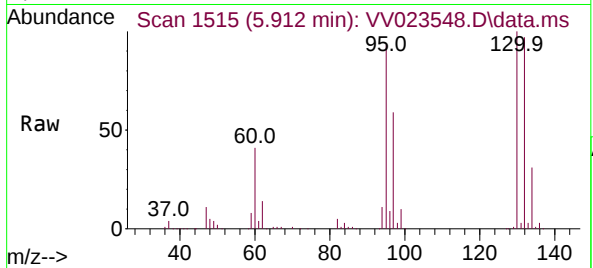


#34
Trichloroethene
Concen: 36.536 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

Tgt Ion: 95 Resp: 317777

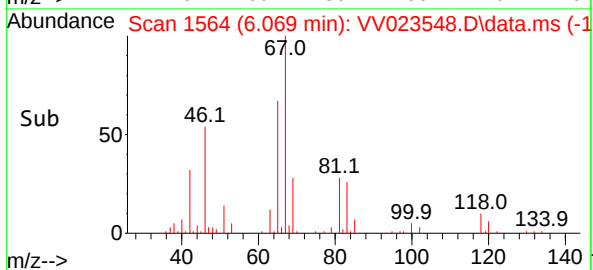
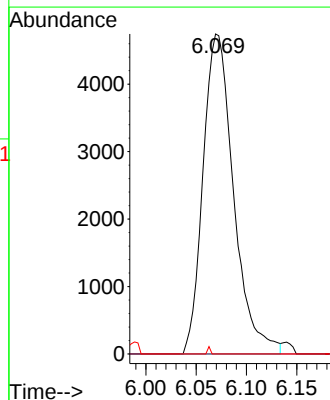
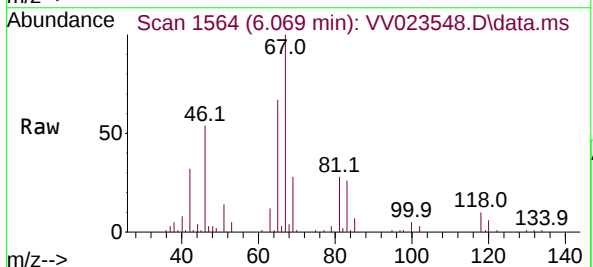
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.0	83.6
132	104.2	69.7	129.4
130	107.2	73.7	136.9

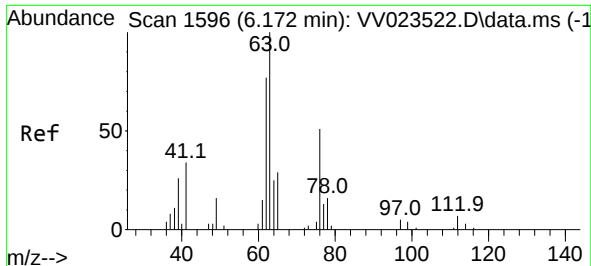


#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

Tgt Ion: 83 Resp: 10034

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





#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023548.D

Acq: 16 Nov 2021 20:48

Instrument :

MSVOA_V

ClientSampleId :

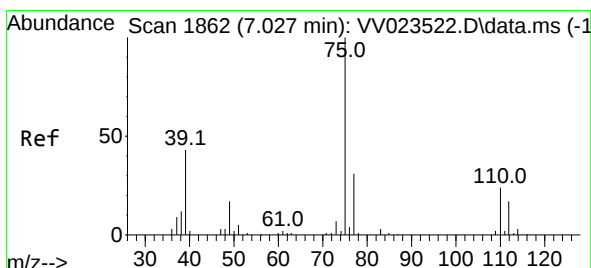
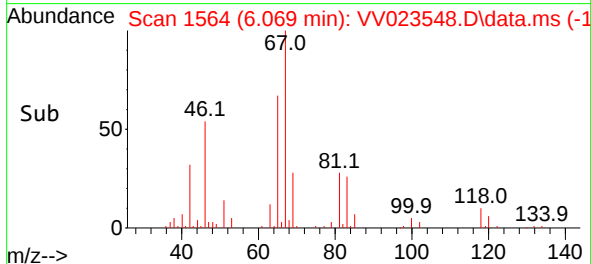
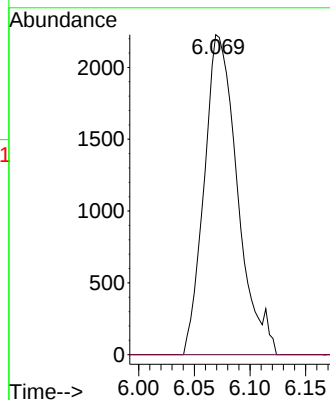
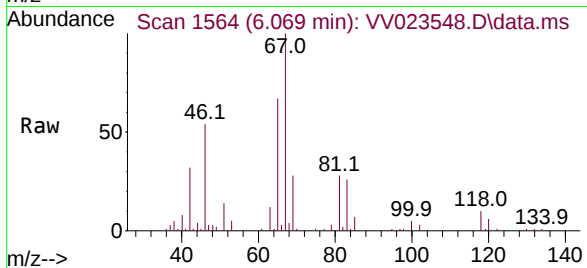
BG1Y6

Tgt Ion: 63 Resp: 4632

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023548.D

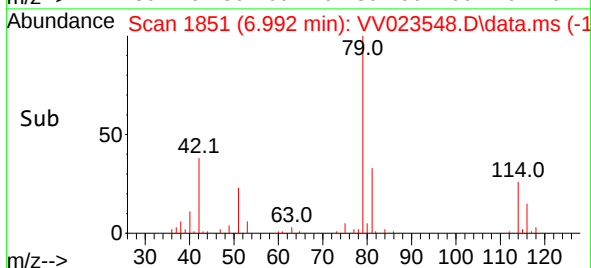
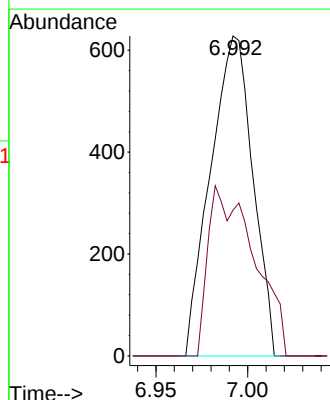
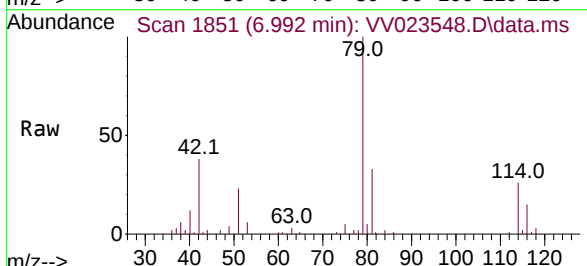
Acq: 16 Nov 2021 20:48

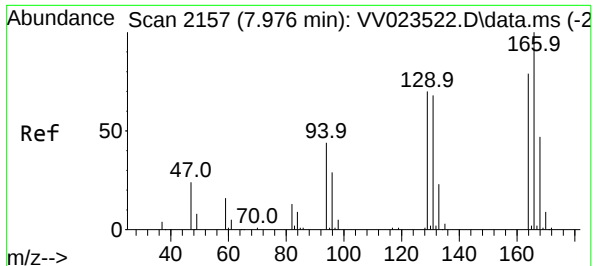
Tgt Ion: 75 Resp: 1006

Ion Ratio Lower Upper

75 100

77 45.5 21.6 40.2#

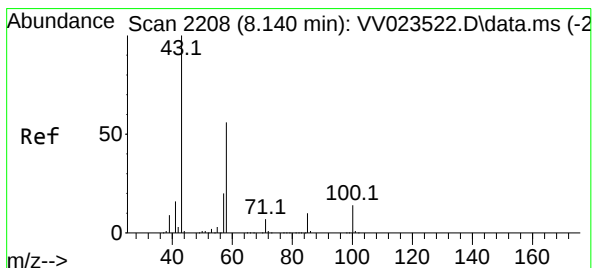
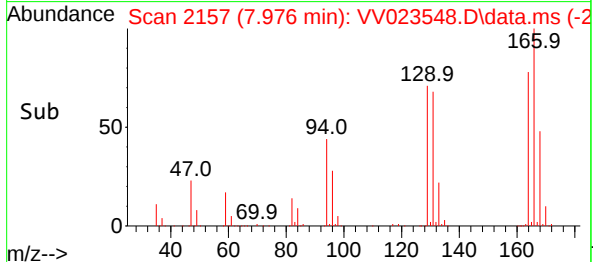
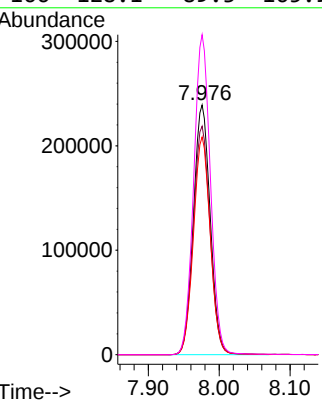
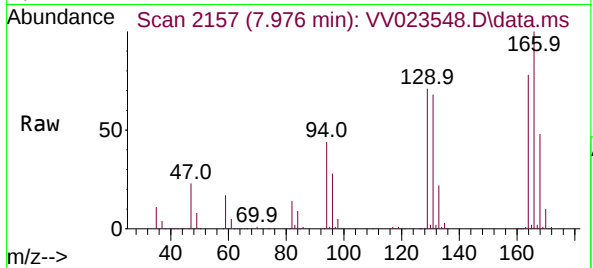




#47
Tetrachloroethene
Concen: 52.414 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

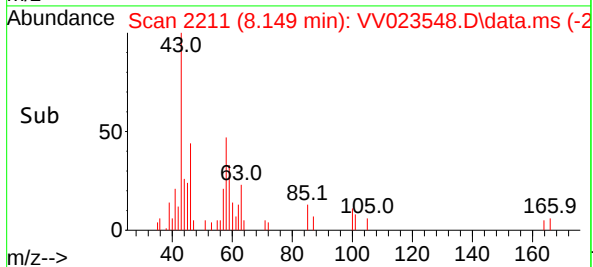
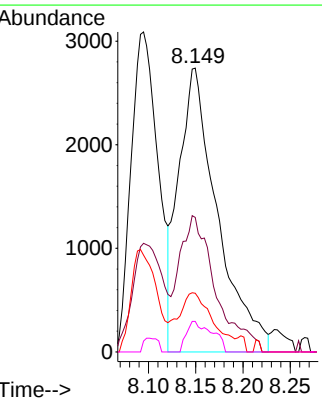
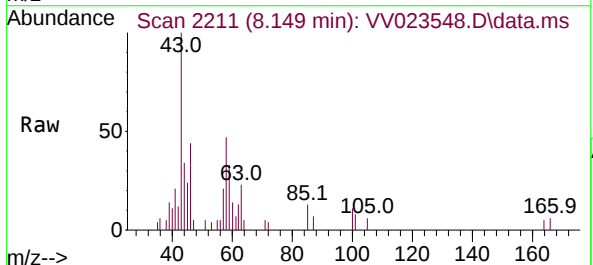
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

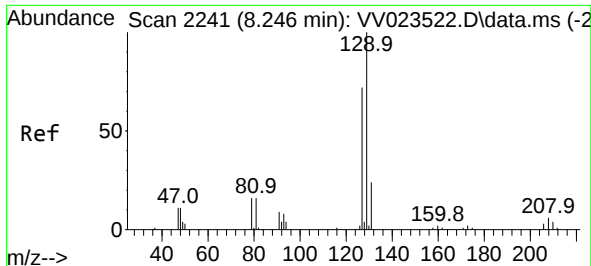
Tgt Ion:164 Resp: 395094
Ion Ratio Lower Upper
164 100
129 91.4 64.0 119.0
131 87.2 63.4 117.8
166 128.1 89.3 165.9



#48
2-Hexanone
Concen: 3.150 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV023548.D
Acq: 16 Nov 2021 20:48

Tgt Ion: 43 Resp: 7817
Ion Ratio Lower Upper
43 100
58 44.6 43.7 65.5
57 13.2 14.1 21.1#
100 7.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 50.209 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV023548.D

Acq: 16 Nov 2021 20:48

Instrument :

MSVOA_V

ClientSampleId :

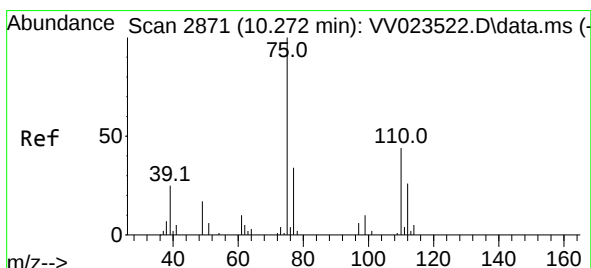
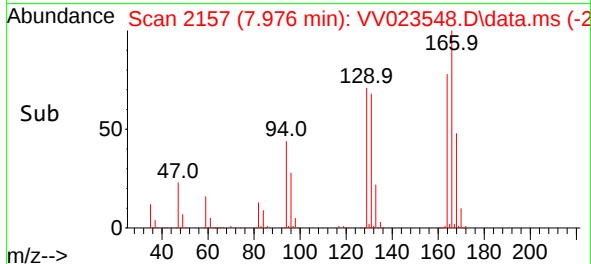
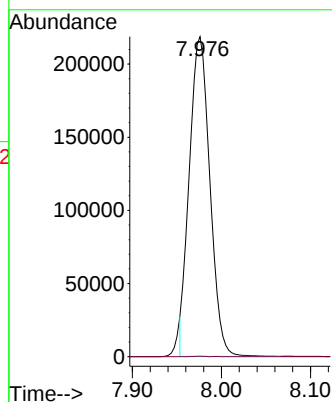
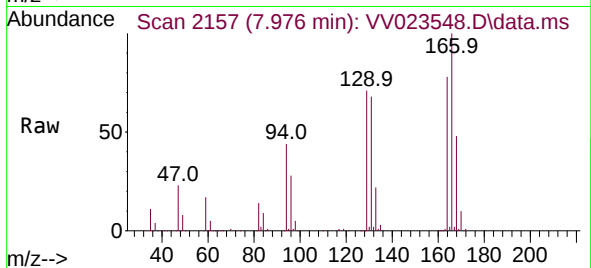
BG1Y6

Tgt Ion:129 Resp: 349028

Ion Ratio Lower Upper

129 100

127 0.1 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.573 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023548.D

Acq: 16 Nov 2021 20:48

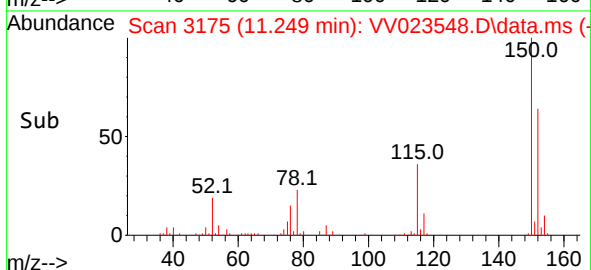
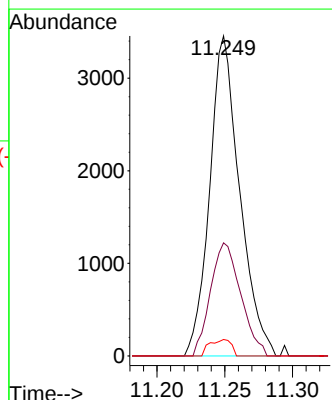
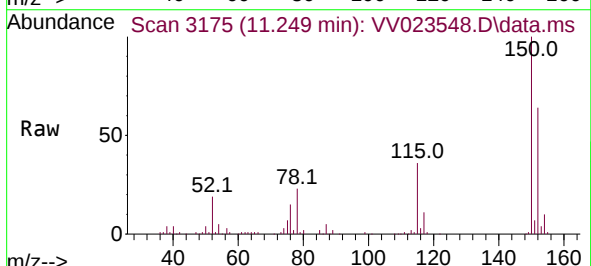
Tgt Ion: 75 Resp: 5314

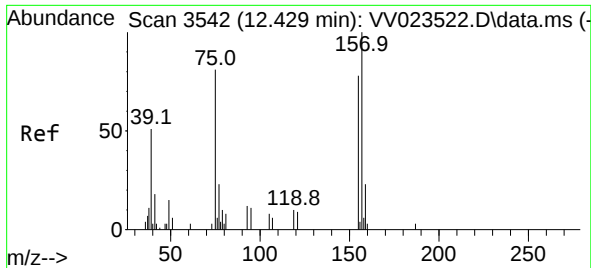
Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8

110 3.7 31.8 47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.104 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV023548.D

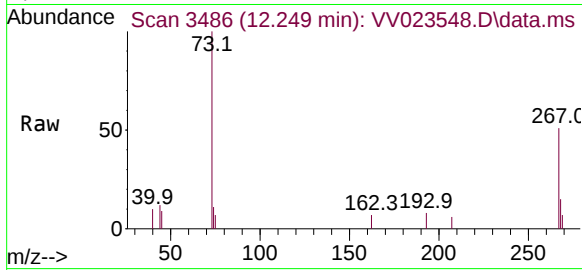
Acq: 16 Nov 2021 20:48

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6



Tgt Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.9 131.9#

