

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023572.D
 Acq On : 17 Nov 2021 16:11
 Operator : SY/MD
 Sample : M4616-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y6DL

Quant Time: Nov 18 00:22:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

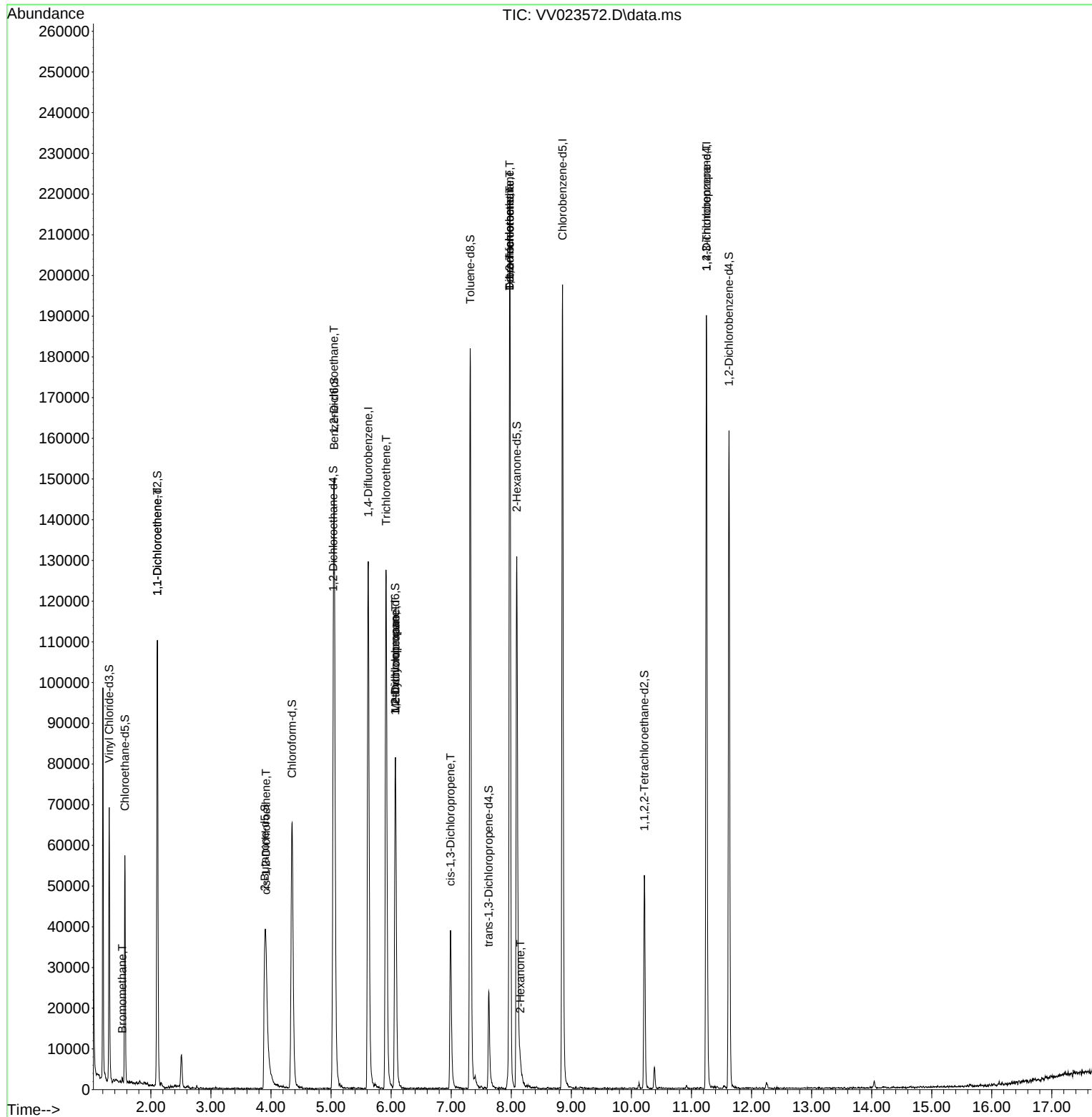
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115036	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42381	5.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.600%
7) Chloroethane-d5	1.568	69	31710	5.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.108	63	56994	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.899	46	61696	49.692	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.380%
24) Chloroform-d	4.352	84	67683	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.037	65	33273	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.053	84	137630	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.069	67	39962	4.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	120618	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	14389	4.476	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.091	63	44657	37.757	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24287	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	42913	4.954	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
6) Bromomethane	1.523	94	618	0.102	ug/L	87
12) 1,1-Dichloroethene	2.108	96	515	0.075	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	5059	0.623	ug/L #	99
27) 1,2-Dichloroethane	5.050	62	896	0.111	ug/L #	72
34) Trichloroethene	5.915	95	44396	5.322	ug/L	98
35) Methylcyclohexane	6.072	83	10044	0.763	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4639	0.633	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1119	0.106	ug/L #	73
45) 1,1,2-Trichloroethane	7.976	97	389	0.074	ug/L #	1
47) Tetrachloroethene	7.976	164	49755	6.881	ug/L	98
48) 2-Hexanone	8.149	43	3438	1.444	ug/L #	74
49) Dibromochloromethane	7.976	129	44255	6.637	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5360	1.551	ug/L #	65

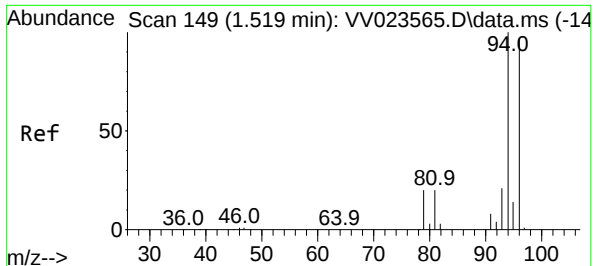
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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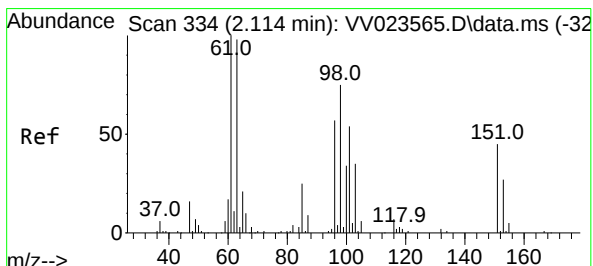
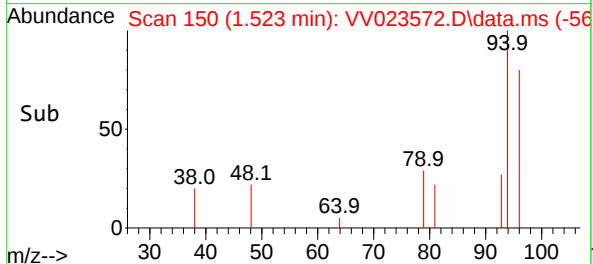
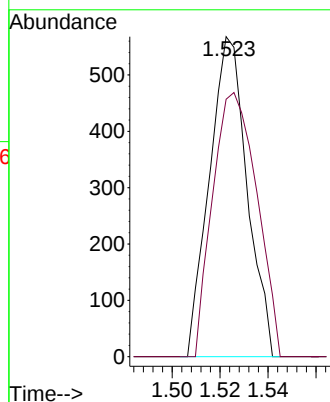
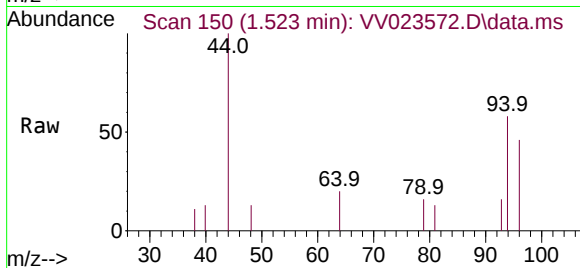




#6
Bromomethane
Concen: 0.102 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023572.D
Acq: 17 Nov 2021 16:11

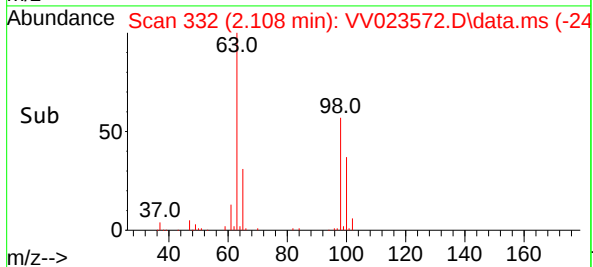
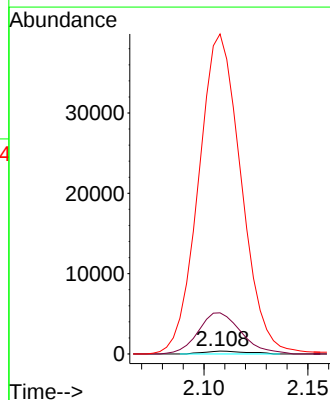
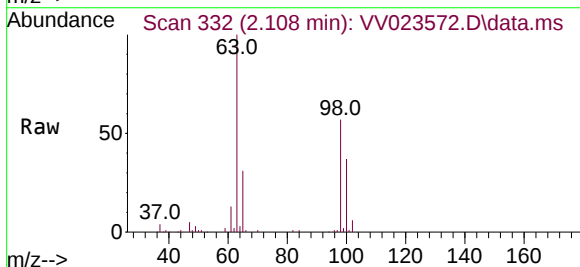
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6DL

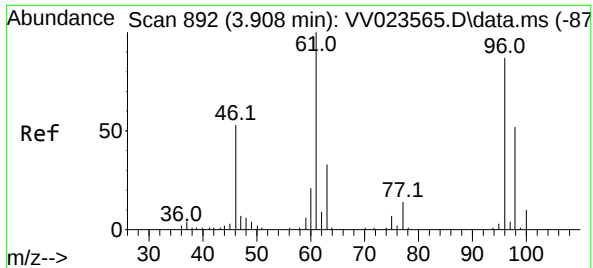
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 80.5 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV023572.D
Acq: 17 Nov 2021 16:11

Tgt Ion: 96 Resp: 515
Ion Ratio Lower Upper
96 100
61 1400.0 121.5 225.7#
63 10885.2 99.6 185.0#

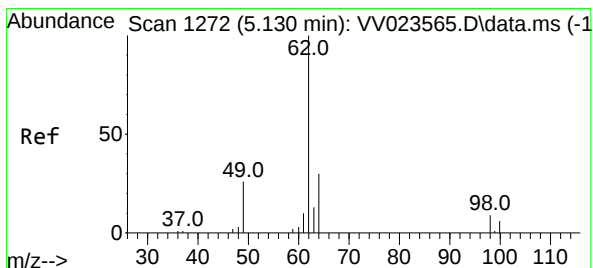
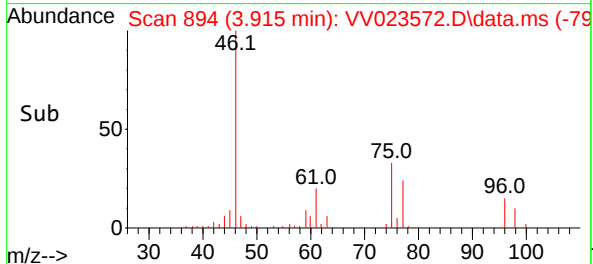
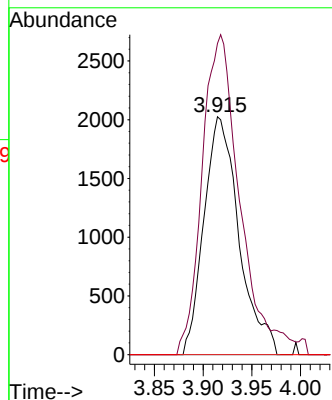
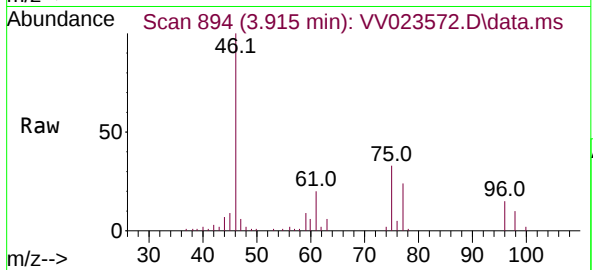




#22
 cis-1,2-Dichloroethene
 Concen: 0.623 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023572.D
 Acq: 17 Nov 2021 16:11

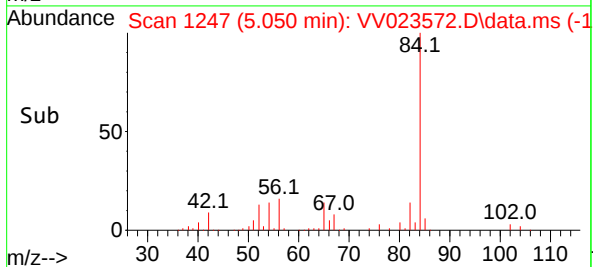
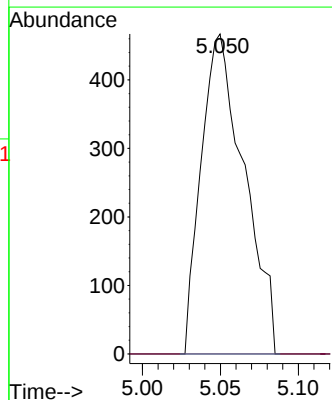
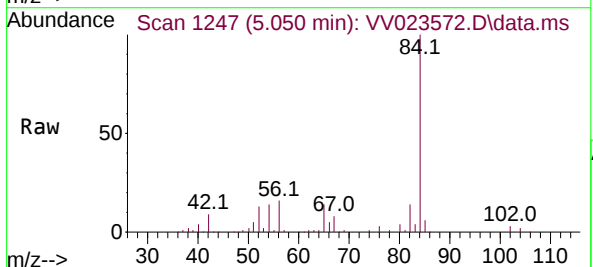
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y6DL

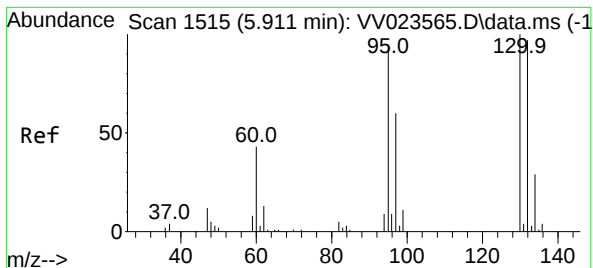
Tgt Ion: 96 Resp: 5059
 Ion Ratio Lower Upper
 96 100
 61 130.8 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.111 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.080 min
 Lab File: VV023572.D
 Acq: 17 Nov 2021 16:11

Tgt Ion: 62 Resp: 896
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#





#34

Trichloroethene

Concen: 5.322 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV023572.D

Acq: 17 Nov 2021 16:11

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6DL

Tgt Ion: 95 Resp: 44396

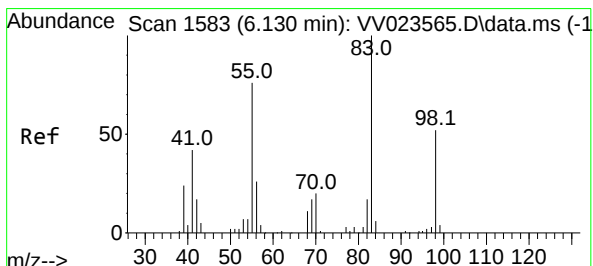
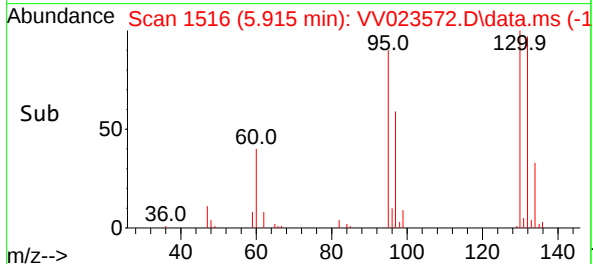
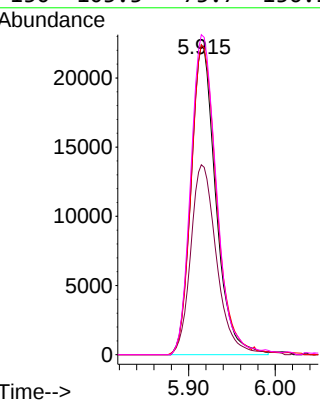
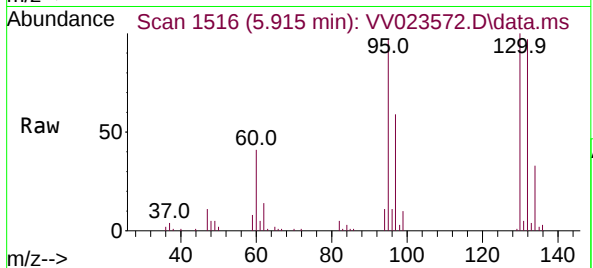
Ion Ratio Lower Upper

95 100

97 61.3 45.0 83.6

132 100.1 69.7 129.4

130 103.3 73.7 136.9



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023572.D

Acq: 17 Nov 2021 16:11

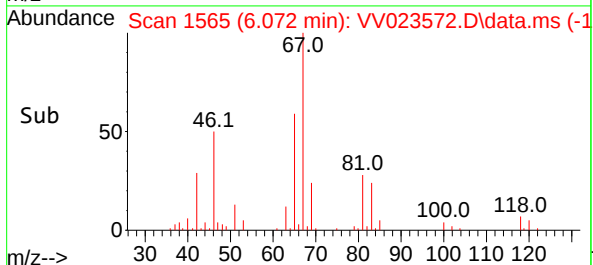
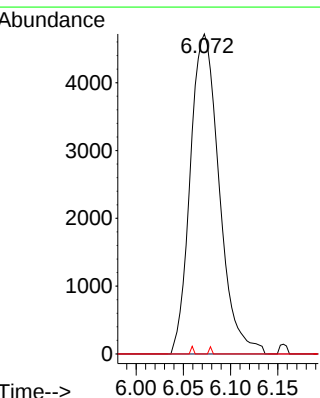
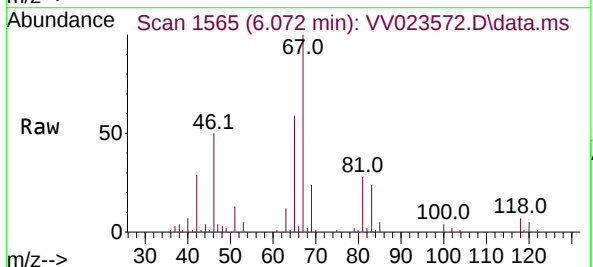
Tgt Ion: 83 Resp: 10044

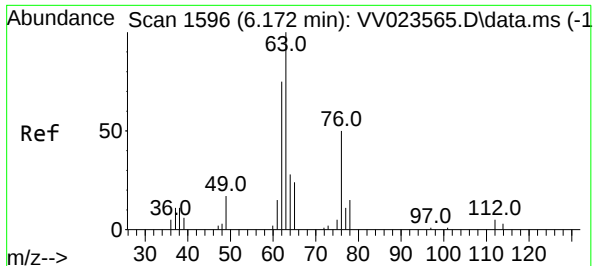
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.8 37.9 56.9#

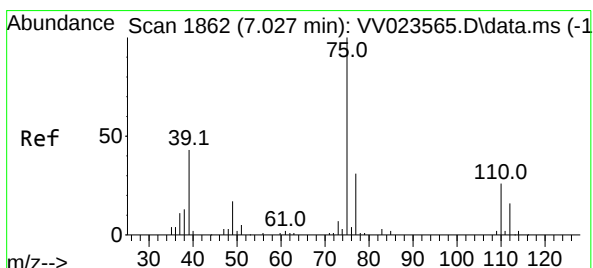
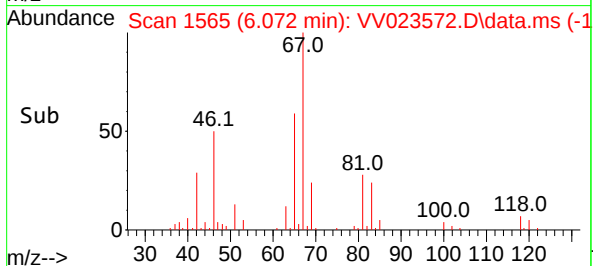
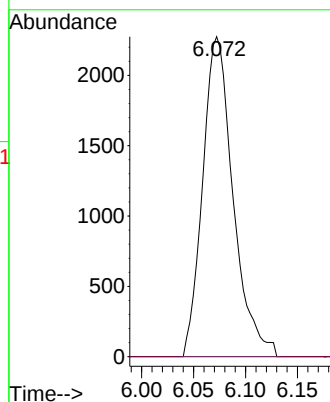
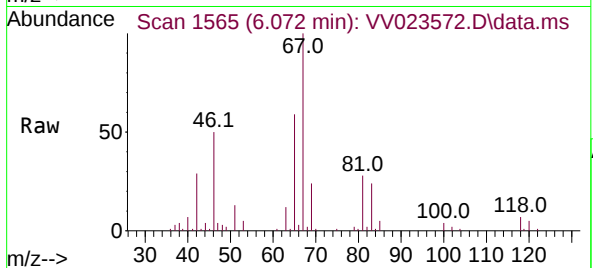




#37
 1,2-Dichloropropane
 Concen: 0.633 ug/L
 RT: 6.072 min Scan# 11
 Delta R.T. -0.100 min
 Lab File: VV023572.D
 Acq: 17 Nov 2021 16:11

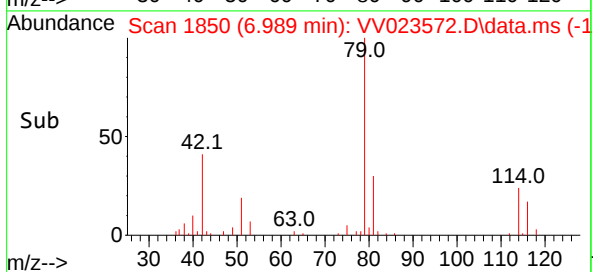
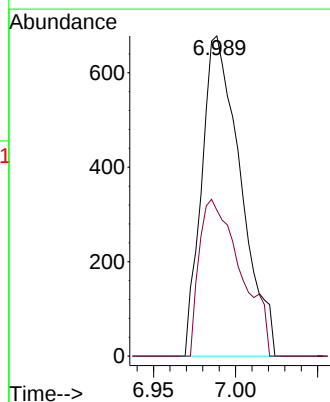
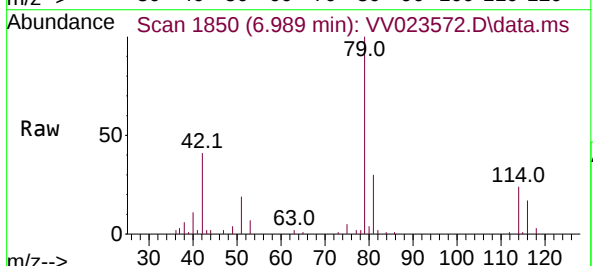
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y6DL

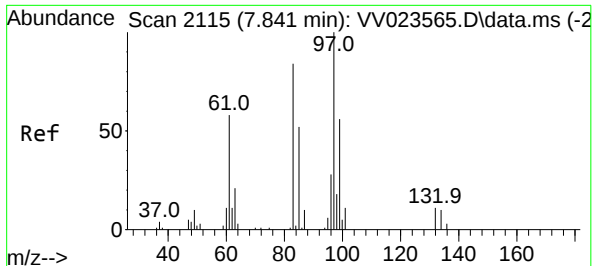
Tgt Ion: 63 Resp: 4639
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV023572.D
 Acq: 17 Nov 2021 16:11

Tgt Ion: 75 Resp: 1119
 Ion Ratio Lower Upper
 75 100
 77 45.6 21.6 40.2#





#45

1,1,2-Trichloroethane

Concen: 0.074 ug/L

RT: 7.976 min Scan# 2115

Delta R.T. 0.135 min

Lab File: VV023572.D

Acq: 17 Nov 2021 16:11

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6DL

Tgt Ion: 97 Resp: 389

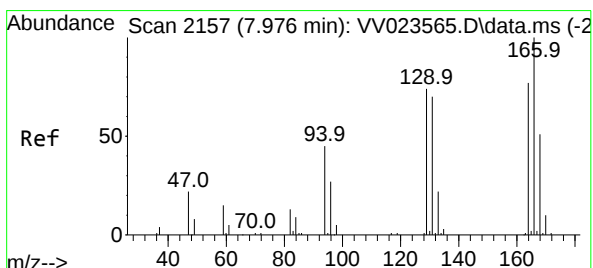
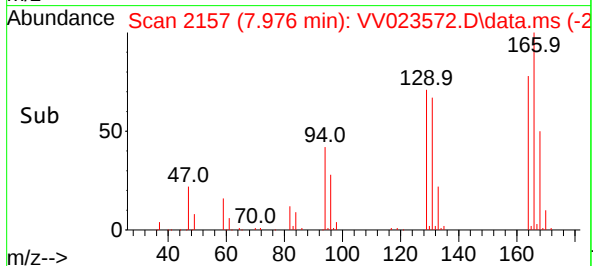
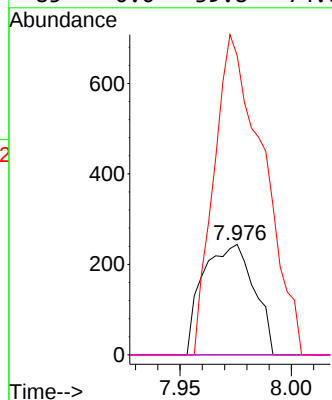
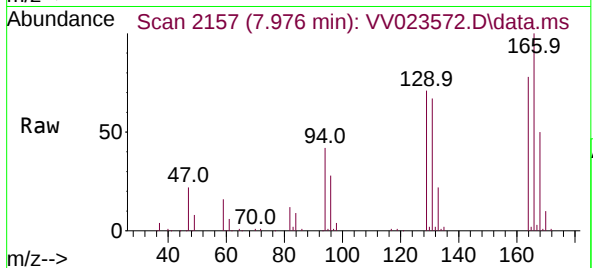
Ion Ratio Lower Upper

97 100

99 0.0 43.6 81.0#

83 271.3 58.4 108.4#

85 0.0 39.8 74.0#



#47

Tetrachloroethene

Concen: 6.881 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023572.D

Acq: 17 Nov 2021 16:11

Tgt Ion:164 Resp: 49755

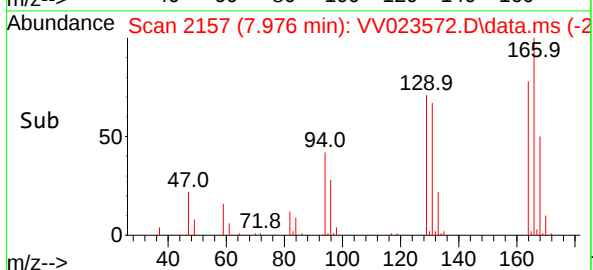
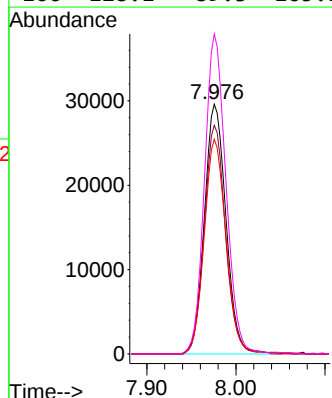
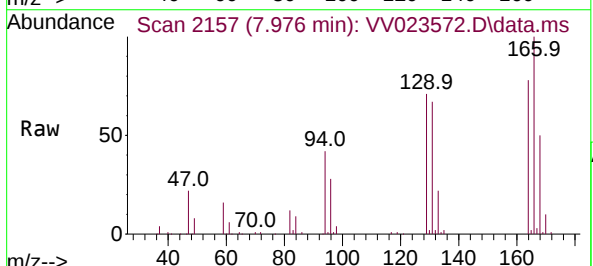
Ion Ratio Lower Upper

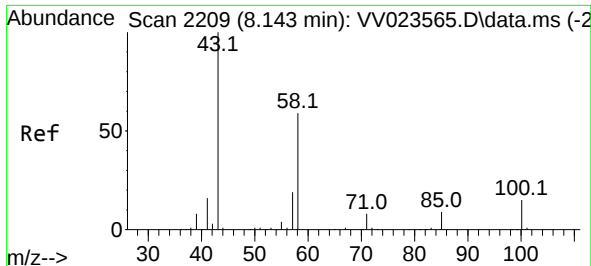
164 100

129 91.6 64.0 119.0

131 85.9 63.4 117.8

166 128.1 89.3 165.9

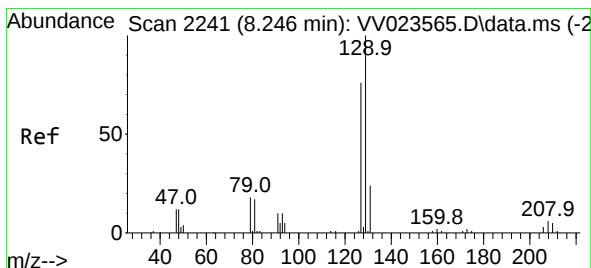
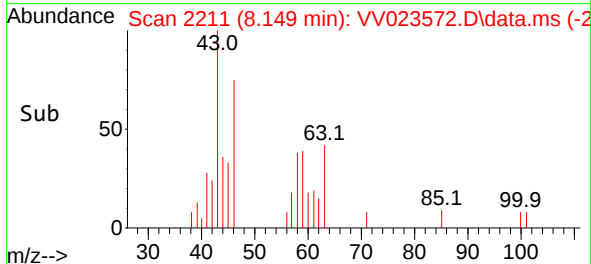
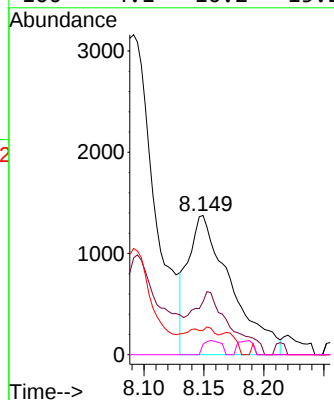
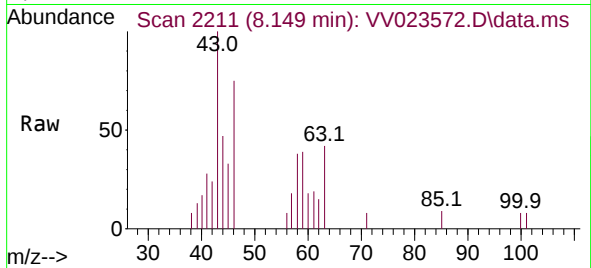




#48
2-Hexanone
Concen: 1.444 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VV023572.D
Acq: 17 Nov 2021 16:11

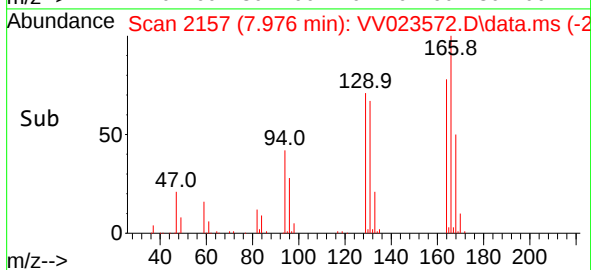
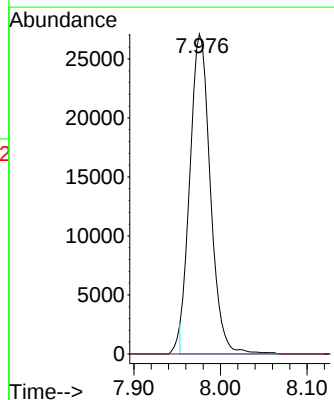
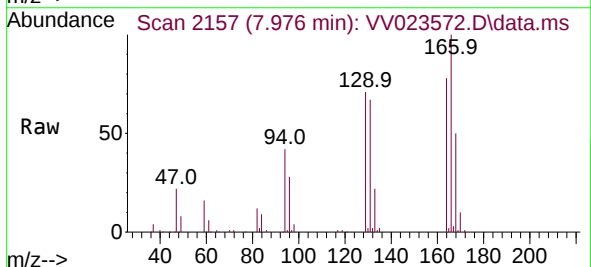
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6DL

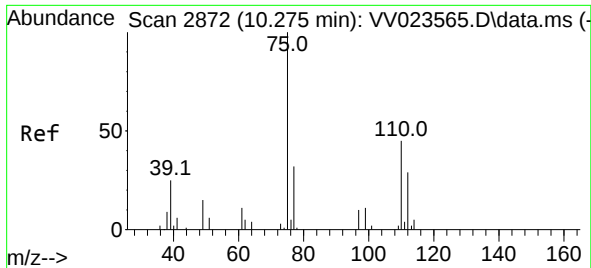
Tgt Ion: 43	Resp:	3438
Ion	Ratio	Lower Upper
43	100	
58	38.5	43.7 65.5#
57	0.0	14.1 21.1#
100	4.1	10.2 15.2#



#49
Dibromochloromethane
Concen: 6.637 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023572.D
Acq: 17 Nov 2021 16:11

Tgt Ion: 129	Resp:	44255
Ion	Ratio	Lower Upper
129	100	
127	0.0	54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.551 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV023572.D

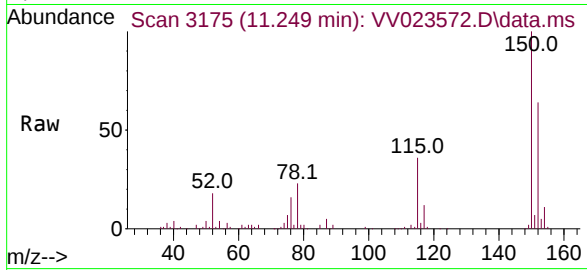
Acq: 17 Nov 2021 16:11

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6DL



Tgt Ion: 75 Resp: 5360

Ion Ratio Lower Upper

75 100

77 36.4 26.6 39.8

110 2.5 31.8 47.6#

