

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030567.D
 Acq On : 14 Apr 2023 12:49
 Operator : SY/MD
 Sample : 02275-07DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ3DL

Quant Time: Apr 15 01:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

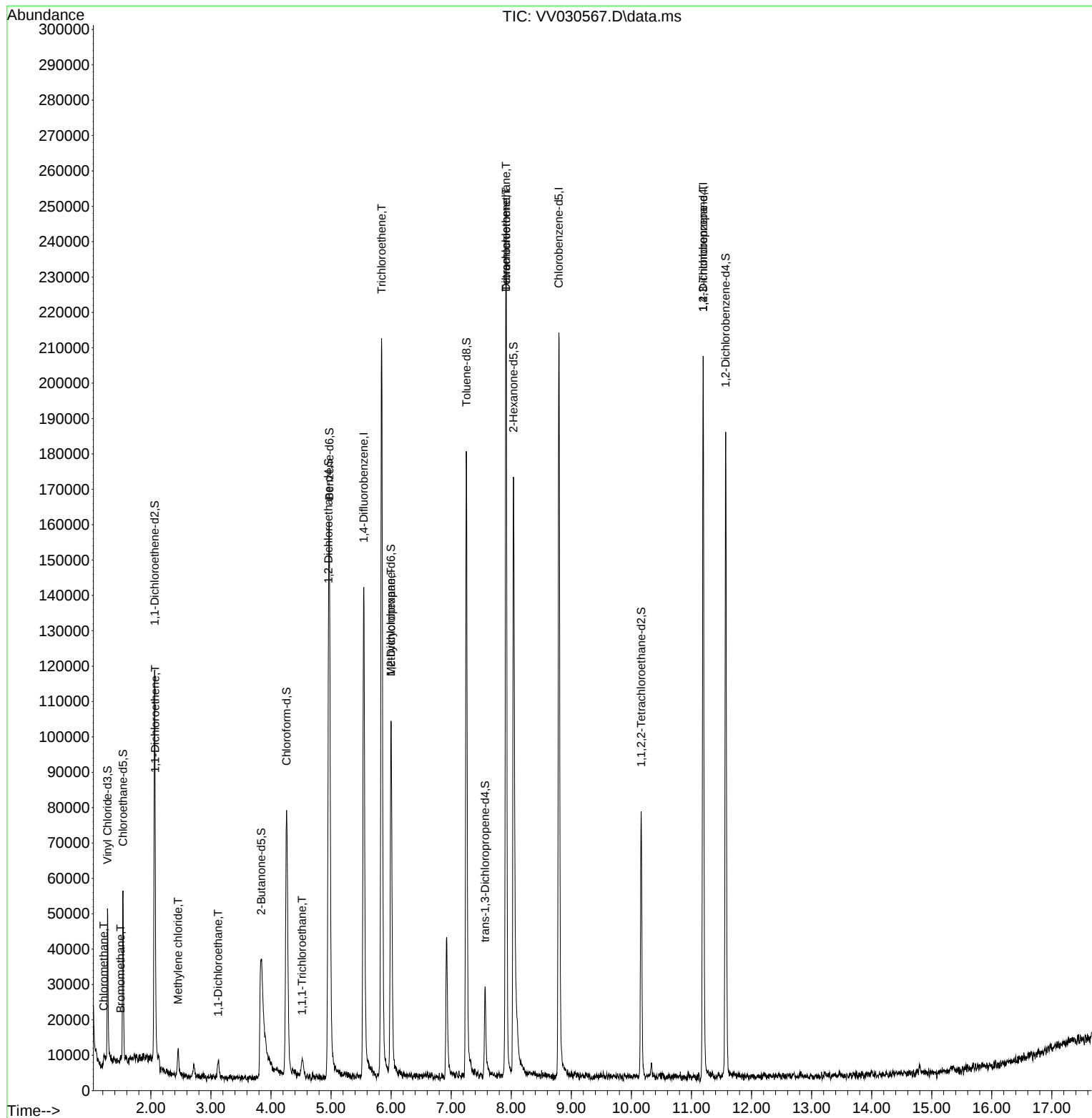
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	115688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27999	3.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.535	69	29401	3.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.063	63	57168	3.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.838	46	80460	40.628	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.260%
24) Chloroform-d	4.259	84	79217	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.956	65	42232	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.973	84	137097	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.998	67	44696	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.252	98	117284	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.564	79	14890	3.888	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.037	63	64142	41.683	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33942	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	44411	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2162	0.116	ug/L	86
6) Bromomethane	1.497	94	570	0.148	ug/L	79
12) 1,1-Dichloroethene	2.072	96	4047	0.419	ug/L #	1
16) Methylene chloride	2.455	84	3333	0.292	ug/L	96
19) 1,1-Dichloroethane	3.121	63	4218	0.214	ug/L #	90
29) 1,1,1-Trichloroethane	4.516	97	1880	0.101	ug/L #	17
34) Trichloroethene	5.841	95	71010	6.430	ug/L	99
35) Methylcyclohexane	5.998	83	11890	0.686	ug/L #	17
47) Tetrachloroethene	7.915	164	53872	5.527	ug/L	96
49) Dibromochloromethane	7.911	129	45856	5.204	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6543	1.348	ug/L #	63

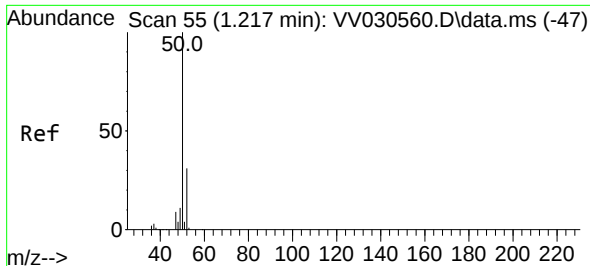
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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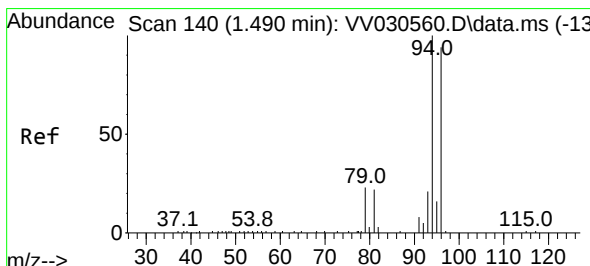
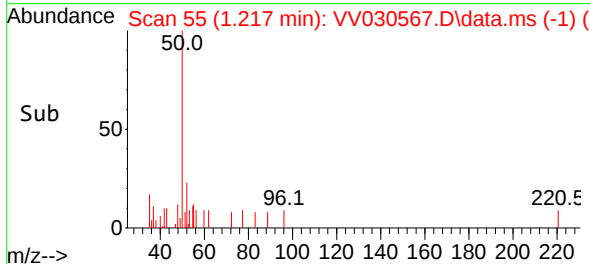
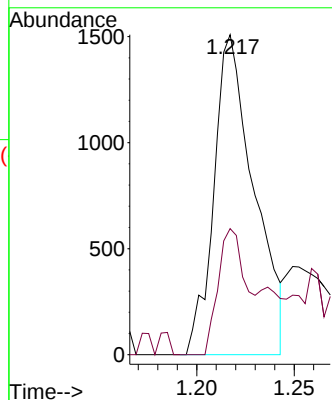
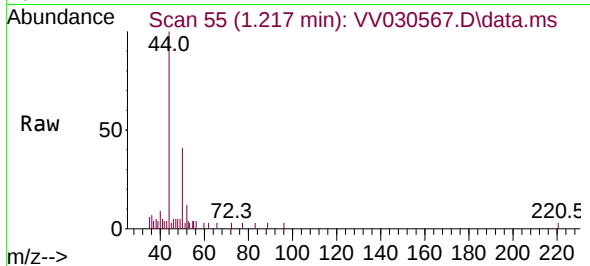




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030567.D
Acq: 14 Apr 2023 12:49

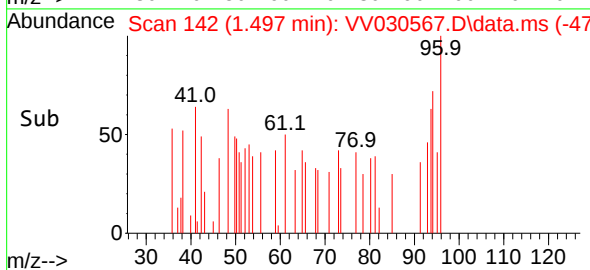
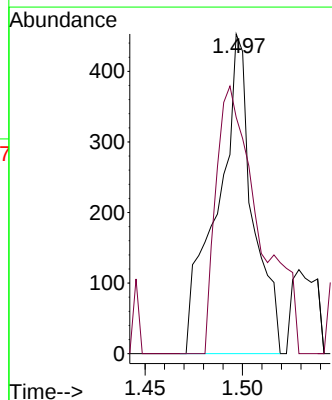
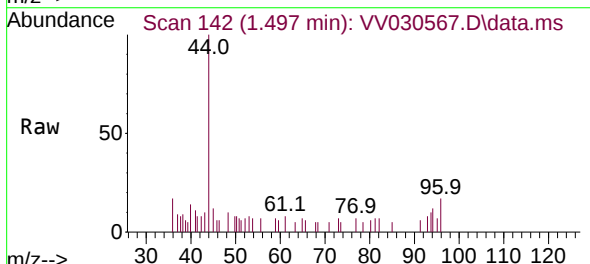
Instrument :
MSVOA_V
ClientSampleId :
BHDZ3DL

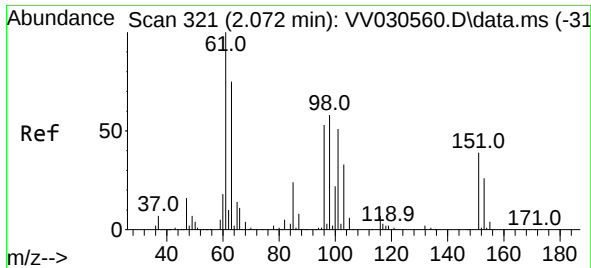
Tgt Ion: 50 Resp: 2162
Ion Ratio Lower Upper
50 100
52 39.4 22.3 41.5



#6
Bromomethane
Concen: 0.148 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030567.D
Acq: 14 Apr 2023 12:49

Tgt Ion: 94 Resp: 570
Ion Ratio Lower Upper
94 100
96 74.0 66.1 122.7

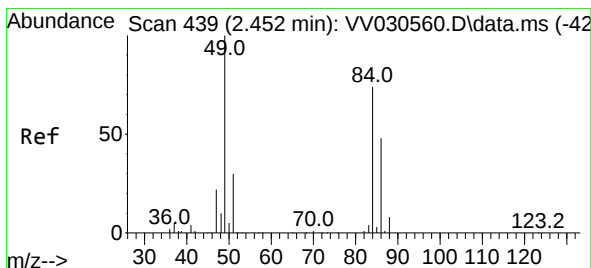
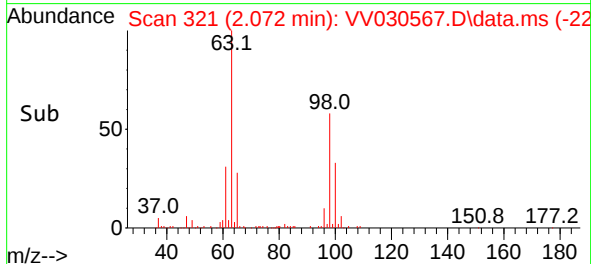
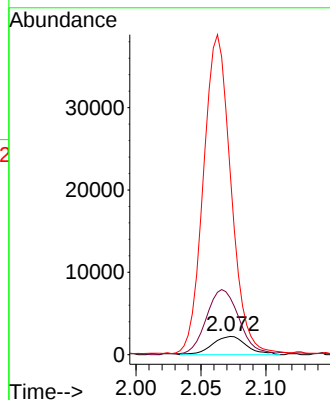
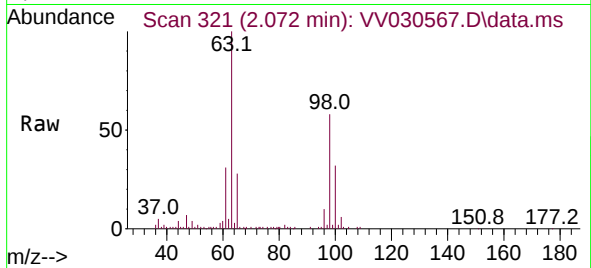




#12
1,1-Dichloroethene
Concen: 0.419 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030567.D
Acq: 14 Apr 2023 12:49

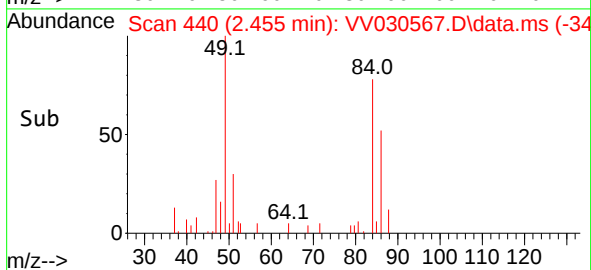
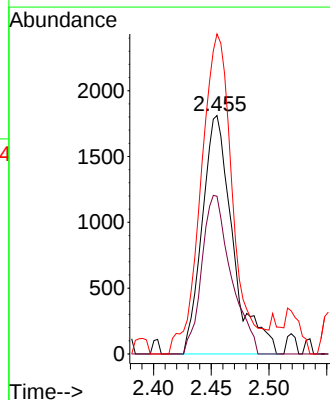
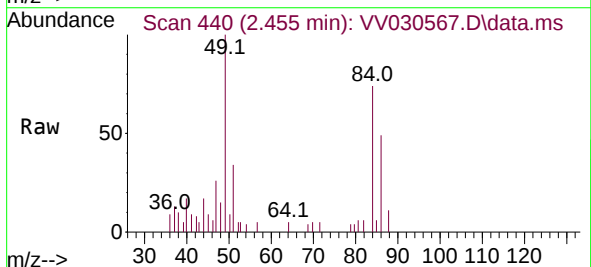
Instrument :
MSVOA_V
ClientSampleId :
BHDZ3DL

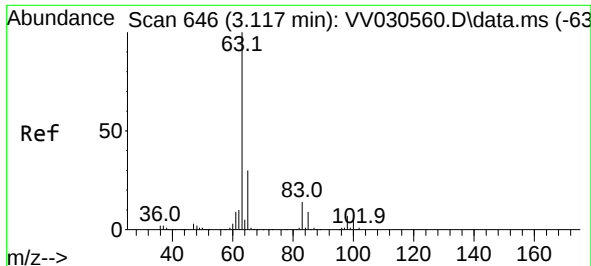
Tgt Ion: 96 Resp: 4047
Ion Ratio Lower Upper
96 100
61 311.4 136.3 253.1#
63 1001.4 92.1 171.1#



#16
Methylene chloride
Concen: 0.292 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030567.D
Acq: 14 Apr 2023 12:49

Tgt Ion: 84 Resp: 3333
Ion Ratio Lower Upper
84 100
86 66.2 44.0 81.6
49 134.2 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.214 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030567.D

Acq: 14 Apr 2023 12:49

Instrument :

MSVOA_V

ClientSampleId :

BHDZ3DL

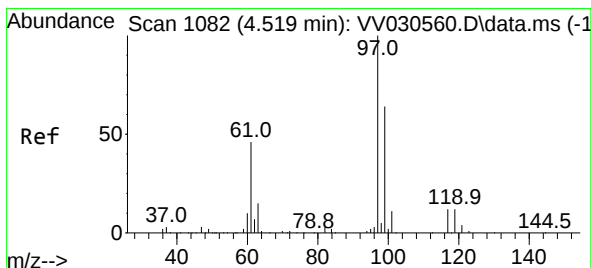
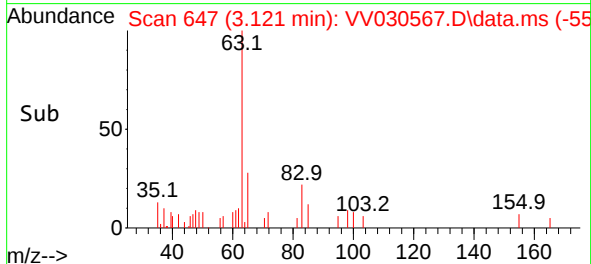
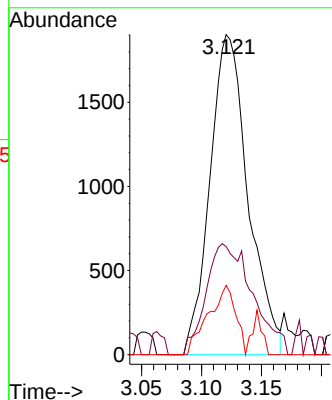
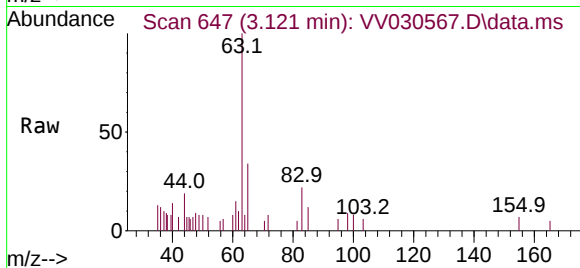
Tgt Ion: 63 Resp: 4218

Ion Ratio Lower Upper

63 100

65 33.8 21.7 40.3

83 21.7 9.1 16.9#



#29

1,1,1-Trichloroethane

Concen: 0.101 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.003 min

Lab File: VV030567.D

Acq: 14 Apr 2023 12:49

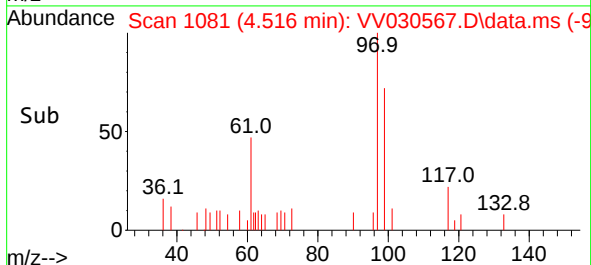
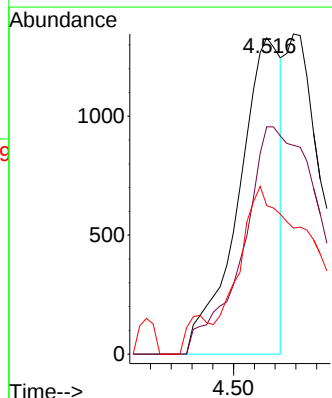
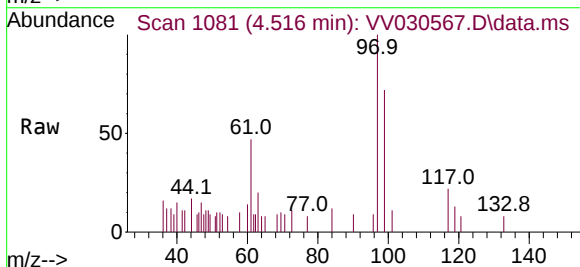
Tgt Ion: 97 Resp: 1880

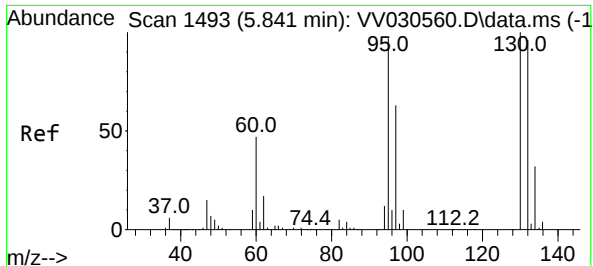
Ion Ratio Lower Upper

97 100

99 130.9 50.9 76.3#

61 96.1 35.9 53.9#



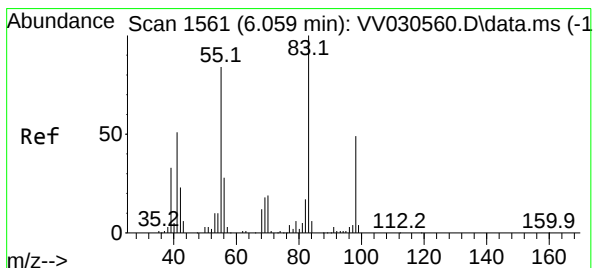
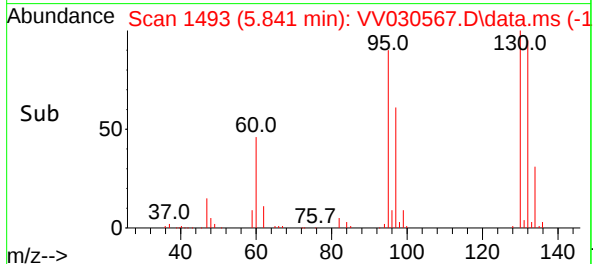
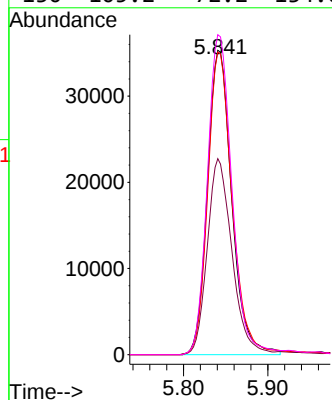
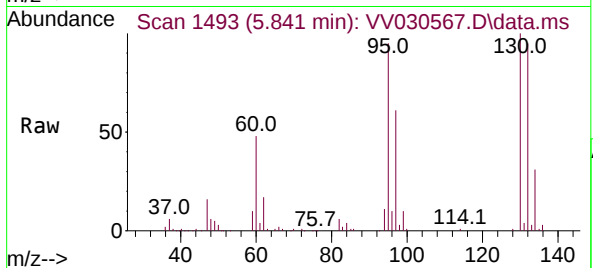


#34
Trichloroethene
Concen: 6.430 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030567.D
Acq: 14 Apr 2023 12:49

Instrument :
MSVOA_V
ClientSampleId :
BHDZ3DL

Tgt Ion: 95 Resp: 71010

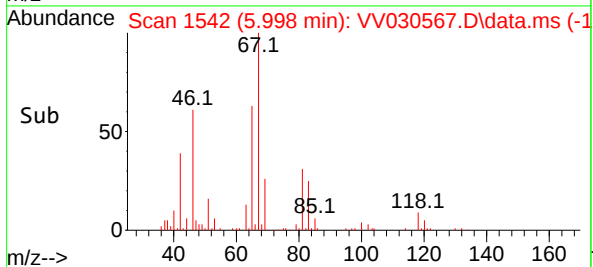
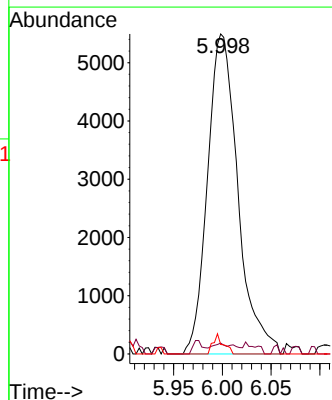
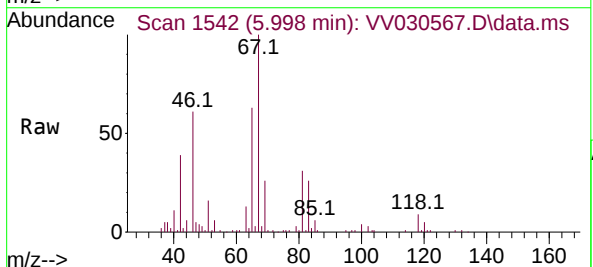
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.2	82.2
132	99.4	69.5	129.1
130	105.2	72.2	134.0

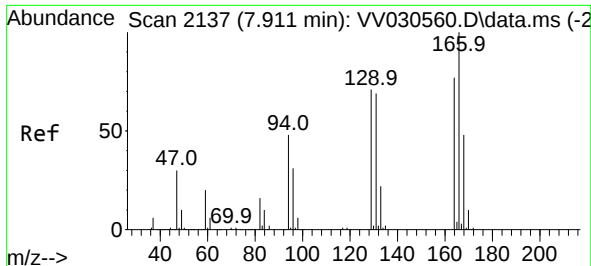


#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030567.D
Acq: 14 Apr 2023 12:49

Tgt Ion: 83 Resp: 11890

Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.6	100.0#
98	2.1	38.6	58.0#





#47

Tetrachloroethene

Concen: 5.527 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV030567.D

Acq: 14 Apr 2023 12:49

Instrument :

MSVOA_V

ClientSampleId :

BHDZ3DL

Tgt Ion:164 Resp: 53872

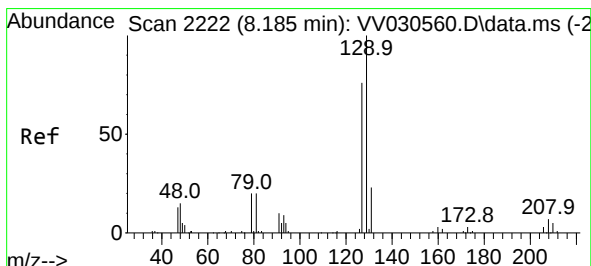
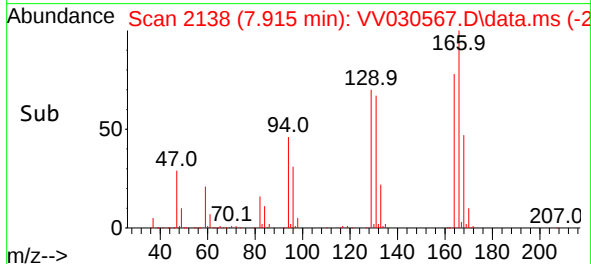
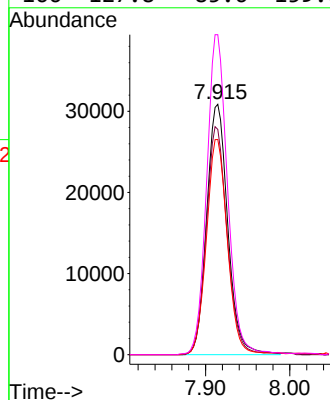
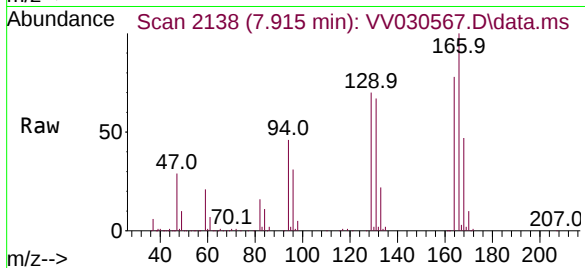
Ion Ratio Lower Upper

164 100

129 90.0 60.8 112.8

131 85.9 61.7 114.7

166 127.8 85.6 159.0



#49

Dibromochloromethane

Concen: 5.204 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030567.D

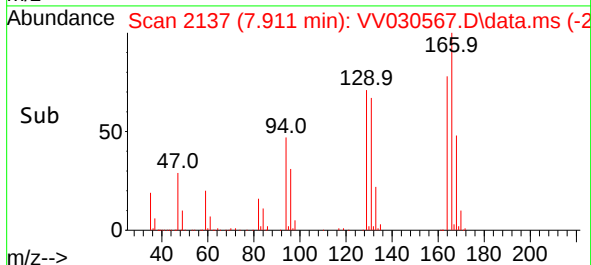
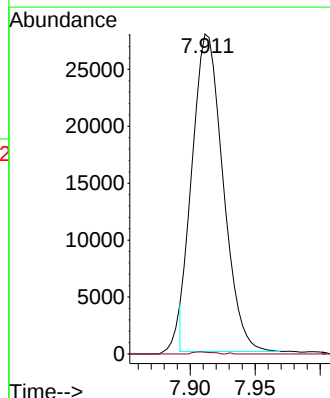
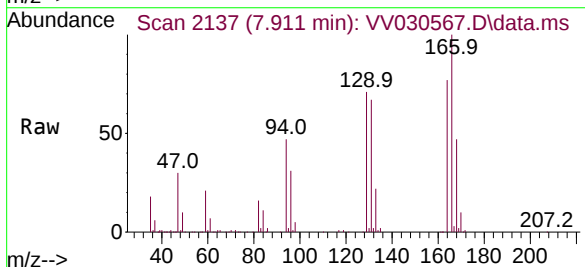
Acq: 14 Apr 2023 12:49

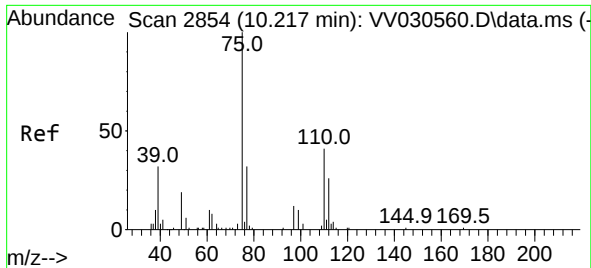
Tgt Ion:129 Resp: 45856

Ion Ratio Lower Upper

129 100

127 0.5 52.7 97.9#





#61

1,2,3-Trichloropropane

Concen: 1.348 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV030567.D

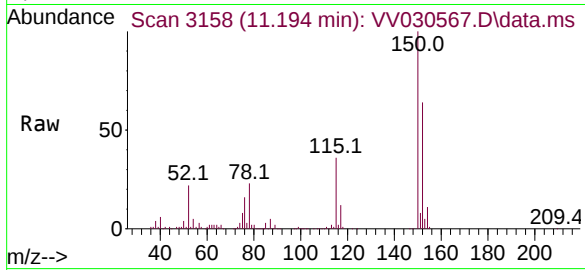
Acq: 14 Apr 2023 12:49

Instrument :

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Tgt Ion: 75 Resp: 6543

Ion Ratio Lower Upper

75 100

77 39.6 26.0 39.0#

110 4.2 31.6 47.4#

