

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030155.D
 Acq On : 10 Mar 2023 15:14
 Operator : SY/MD
 Sample : 01868-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC1

Quant Time: Mar 11 00:06:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

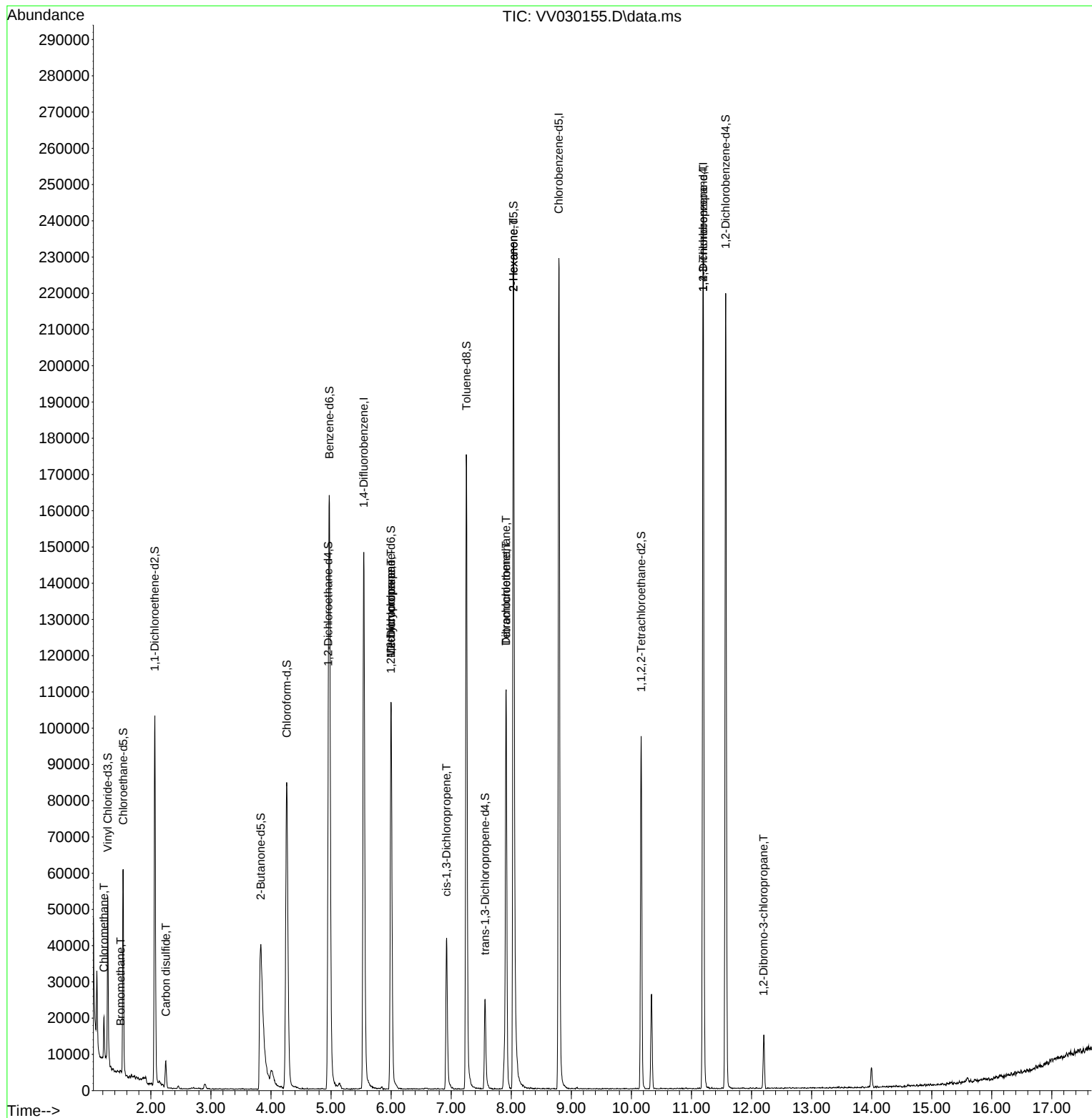
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	137150	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	140254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30751	3.465	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.539	69	37802	4.538	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.066	63	54252	2.974	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.831	46	97484	59.581	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.160%	
24) Chloroform-d	4.262	84	96859	5.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4	4.953	65	42595	5.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.200%	
32) Benzene-d6	4.973	84	159457	4.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	5.998	67	55589	4.896	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.252	98	128658	3.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	7.564	79	17393	4.478	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.037	63	91717	57.073	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.140%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47697	5.905	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	60507	5.167	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	8277	0.471	ug/L	98
6) Bromomethane	1.497	94	203	0.097	ug/L	94
14) Carbon disulfide	2.249	76	8567	0.348	ug/L	98
35) Methylcyclohexane	5.998	83	13729	0.845	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	5992	0.615	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1053	0.074	ug/L #	24
47) Tetrachloroethene	7.915	164	26396	2.865	ug/L	98
48) 2-Hexanone	8.037	43	9201	3.196	ug/L #	65
49) Dibromochloromethane	7.915	129	23419	2.870	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6931	1.496	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.201	75	376	0.363	ug/L #	1

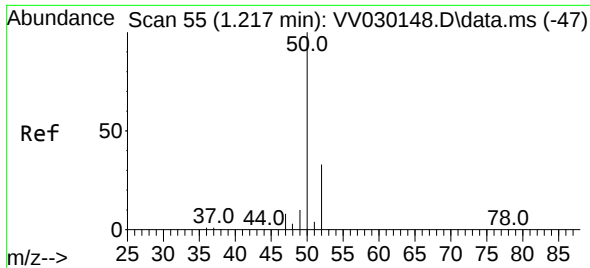
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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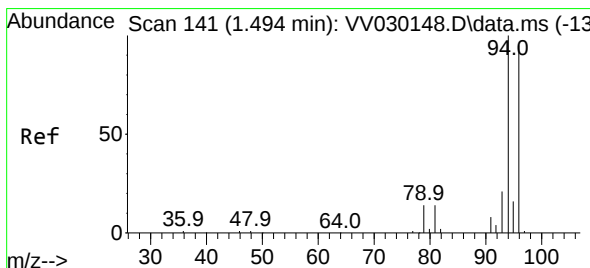
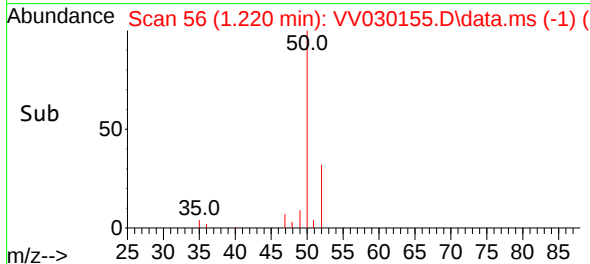
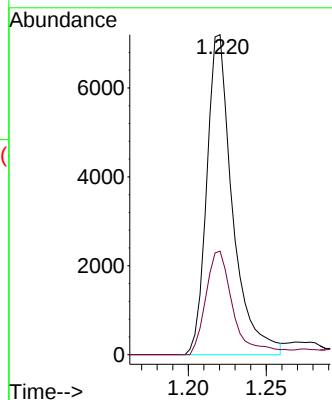
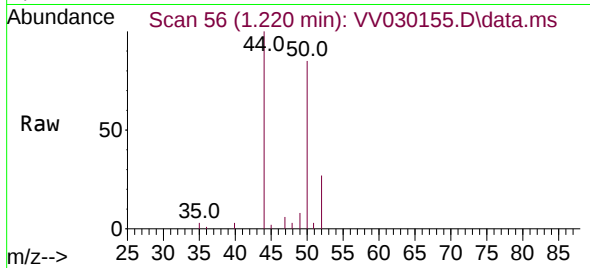




#3
Chloromethane
Concen: 0.471 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030155.D
Acq: 10 Mar 2023 15:14

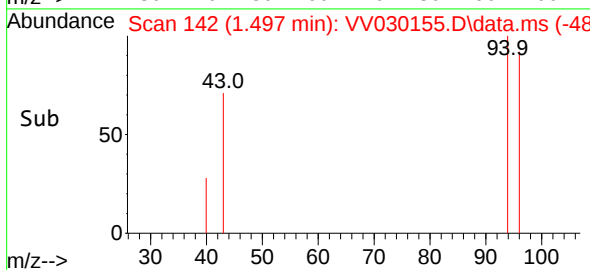
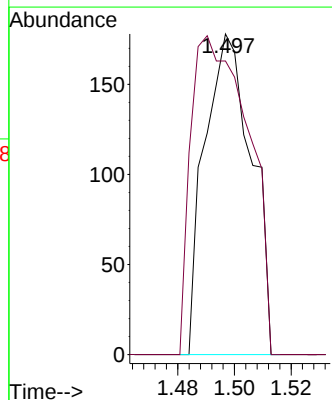
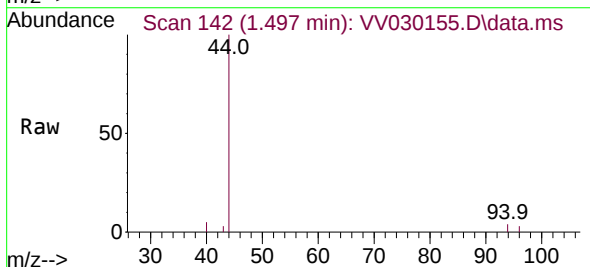
Instrument :
MSVOA_V
ClientSampleId :
C0BC1

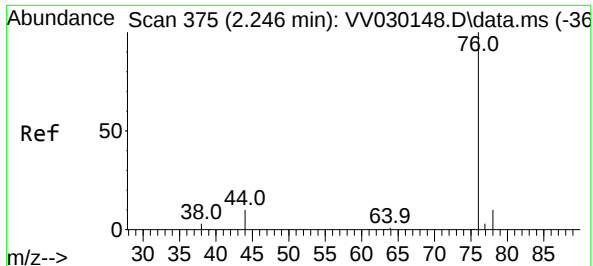
Tgt Ion: 50 Resp: 8277
Ion Ratio Lower Upper
50 100
52 32.4 23.6 43.8



#6
Bromomethane
Concen: 0.097 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030155.D
Acq: 10 Mar 2023 15:14

Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 91.6 68.4 127.0

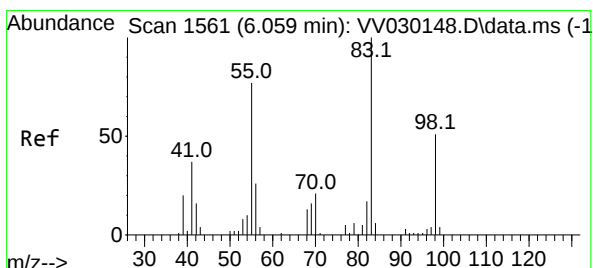
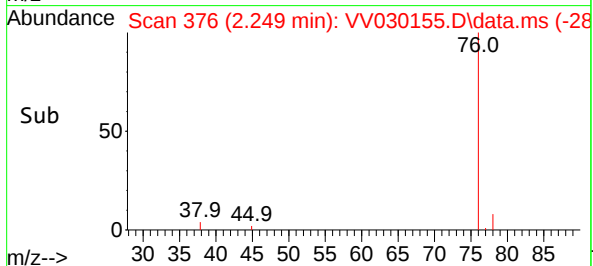
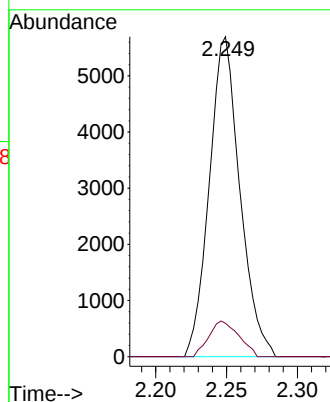
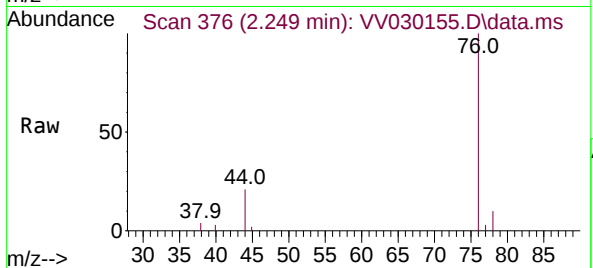




#14
Carbon disulfide
Concen: 0.348 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030155.D
Acq: 10 Mar 2023 15:14

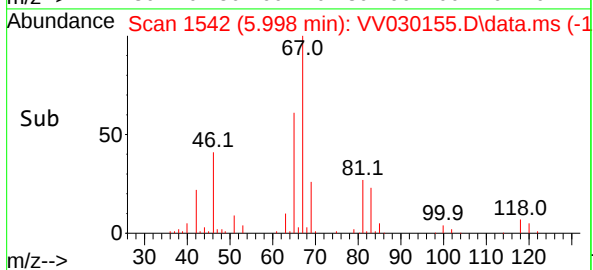
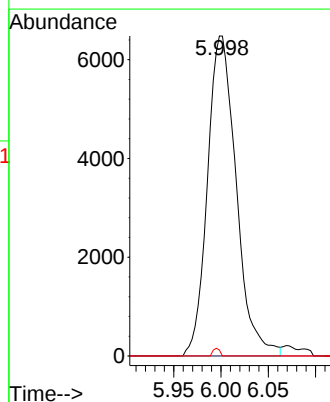
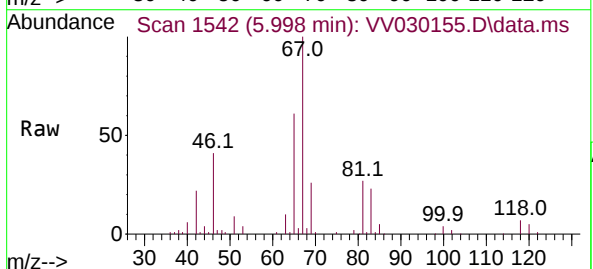
Instrument :
MSVOA_V
ClientSampleId :
C0BC1

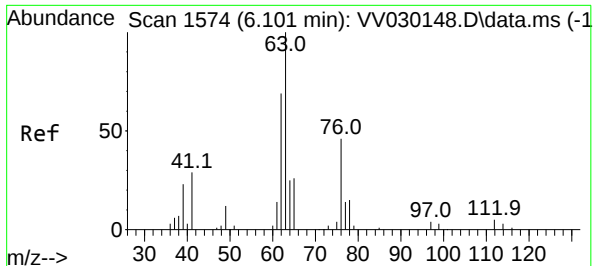
Tgt Ion: 76 Resp: 8567
Ion Ratio Lower Upper
76 100
78 10.5 7.7 11.5



#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030155.D
Acq: 10 Mar 2023 15:14

Tgt Ion: 83 Resp: 13729
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.6 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030155.D

Acq: 10 Mar 2023 15:14

Instrument :

MSVOA_V

ClientSampleId :

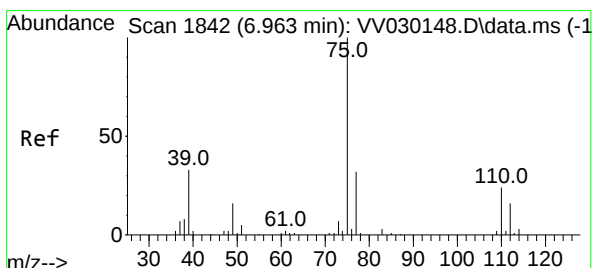
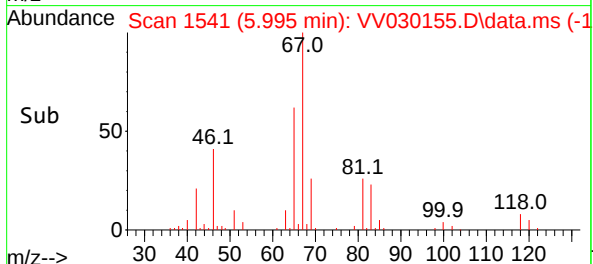
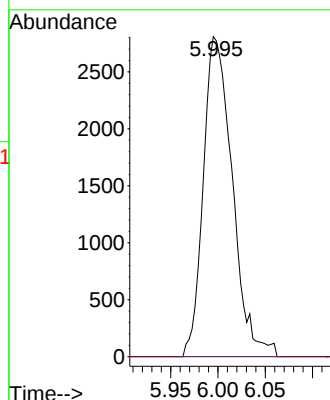
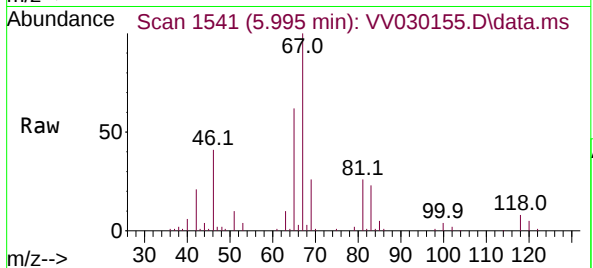
C0BC1

Tgt Ion: 63 Resp: 5992

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030155.D

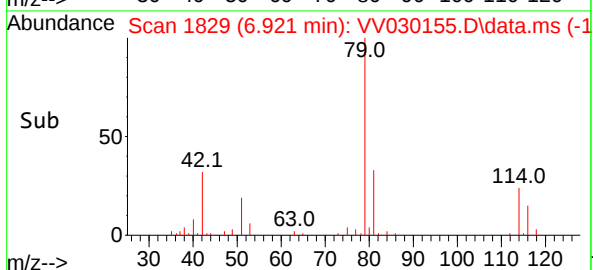
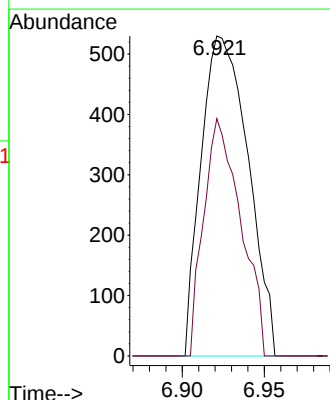
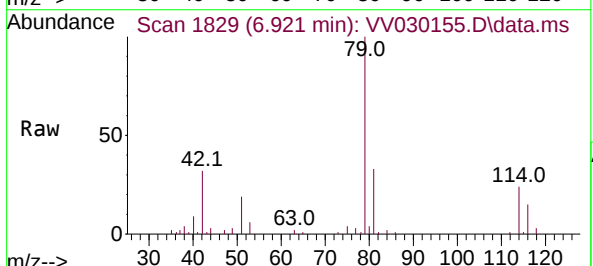
Acq: 10 Mar 2023 15:14

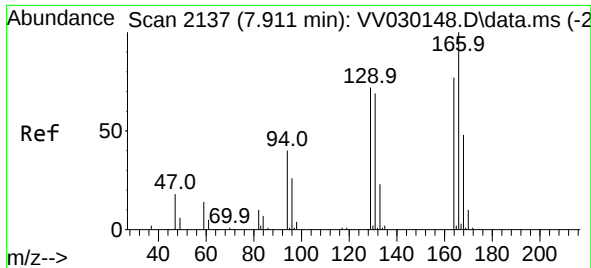
Tgt Ion: 75 Resp: 1053

Ion Ratio Lower Upper

75 100

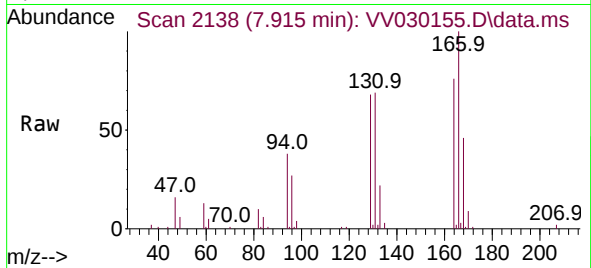
77 74.2 22.3 41.3#



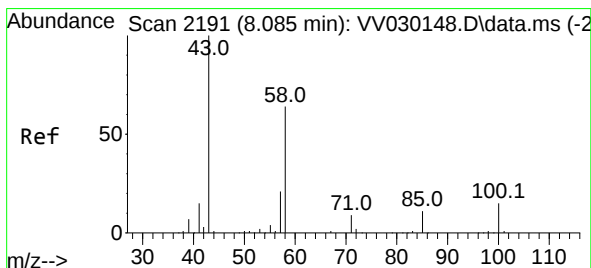
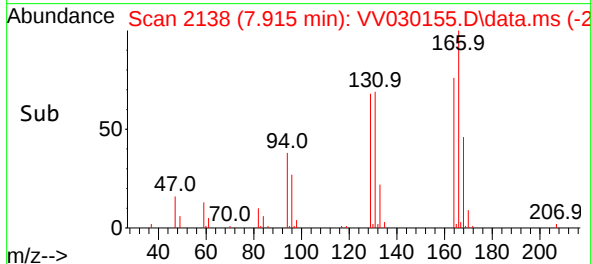
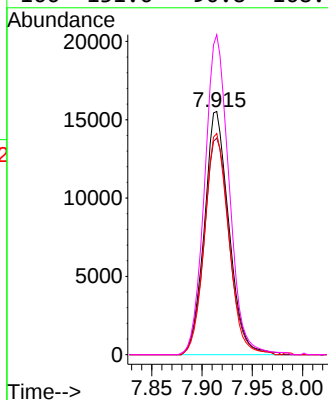


#47
Tetrachloroethene
Concen: 2.865 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV030155.D
Acq: 10 Mar 2023 15:14

Instrument :
MSVOA_V
ClientSampleId :
C0BC1

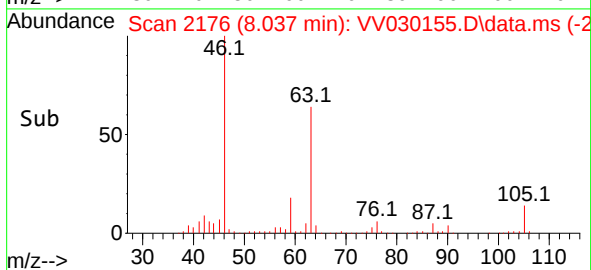
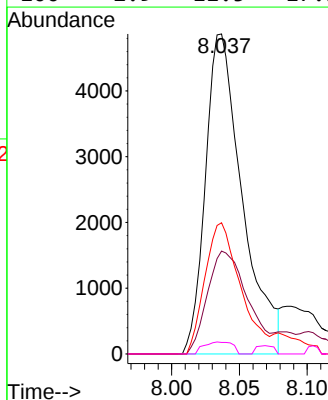
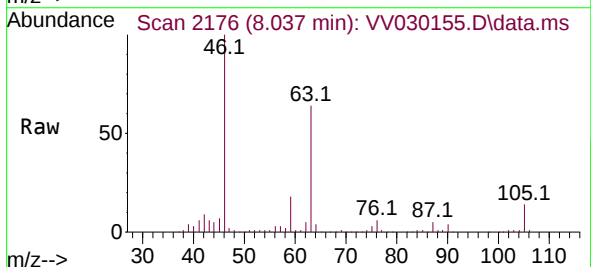


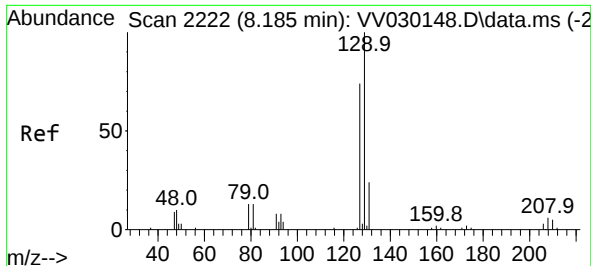
Tgt Ion:	164	Resp:	26396
Ion	Ratio	Lower	Upper
164	100		
129	89.1	63.6	118.2
131	90.9	61.7	114.7
166	131.6	90.8	168.6



#48
2-Hexanone
Concen: 3.196 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.048 min
Lab File: VV030155.D
Acq: 10 Mar 2023 15:14

Tgt Ion:	43	Resp:	9201
Ion	Ratio	Lower	Upper
43	100		
58	35.5	49.8	74.8#
57	39.7	16.6	24.8#
100	2.9	11.5	17.3#





#49

Dibromochloromethane

Concen: 2.870 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030155.D

Acq: 10 Mar 2023 15:14

Instrument :

MSVOA_V

ClientSampleId :

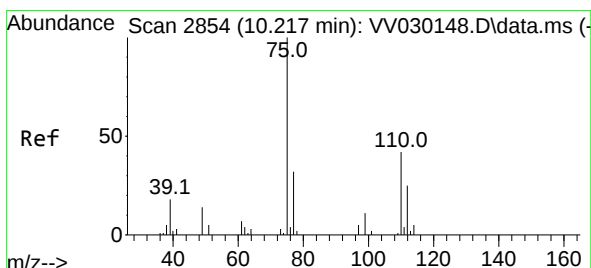
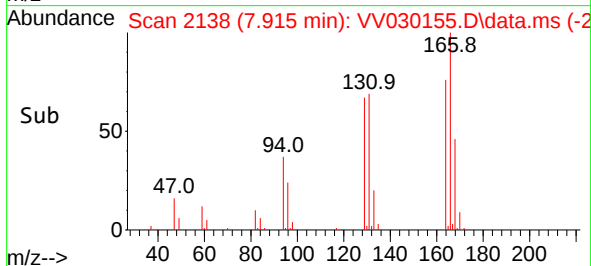
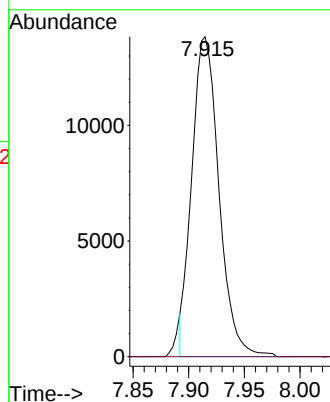
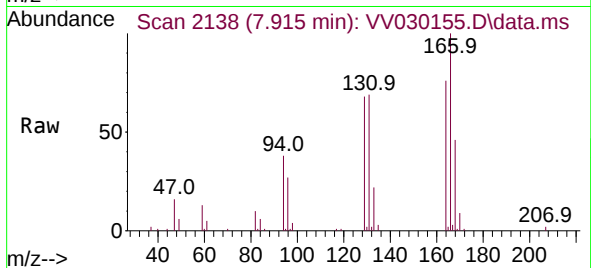
C0BC1

Tgt Ion:129 Resp: 23419

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.496 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030155.D

Acq: 10 Mar 2023 15:14

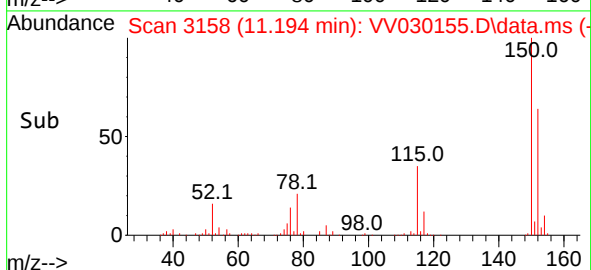
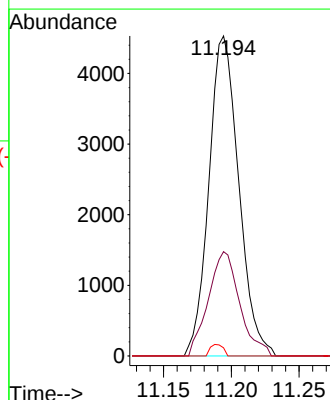
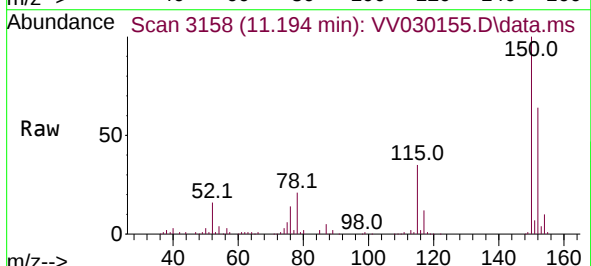
Tgt Ion: 75 Resp: 6931

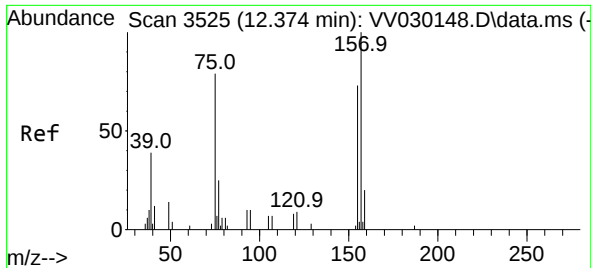
Ion Ratio Lower Upper

75 100

77 34.2 26.5 39.7

110 1.6 31.8 47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.363 ug/L

RT: 12.201 min Scan# 34

Delta R.T. -0.174 min

Lab File: VV030155.D

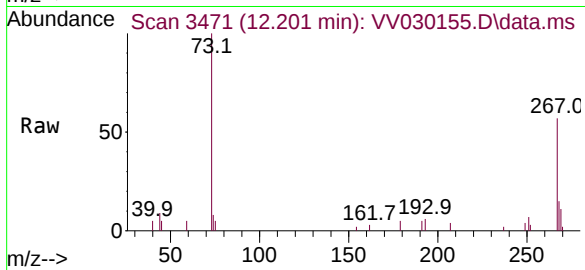
Acq: 10 Mar 2023 15:14

Instrument :

MSVOA_V

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Tgt Ion: 75 Resp: 376

Ion Ratio Lower Upper

75 100

155 0.0 79.1 118.7#

157 0.0 95.5 143.3#

