

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030404.D
 Acq On : 05 Apr 2023 16:34
 Operator : SY/MD
 Sample : 02194-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW0DL

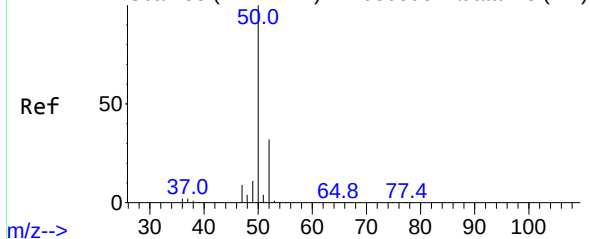
Quant Time: Apr 06 05:27:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	130804	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43651	5.039	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.536	69	43689	5.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.000%		
11) 1,1-Dichloroethene-d2	2.063	63	90073	4.382	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.600%		
20) 2-Butanone-d5	3.828	46	110118	49.178	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 98.360%		
24) Chloroform-d	4.262	84	105266	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4	4.953	65	53248	5.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
32) Benzene-d6	4.969	84	191642	5.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.600%		
36) 1,2-Dichloropropane-d6	5.998	67	59530	5.339	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.800%		
41) Toluene-d8	7.252	98	161084	4.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.400%		
43) trans-1,3-Dichloroprop...	7.564	79	19623	4.674	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.400%		
46) 2-Hexanone-d5	8.037	63	84924	50.340	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.680%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42692	4.858	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.200%		
66) 1,2-Dichlorobenzene-d4	11.570	152	62021	5.442	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	2861	0.136	ug/L	83
6) Bromomethane	1.497	94	618	0.142	ug/L	80
12) 1,1-Dichloroethene	2.076	96	25044	2.291	ug/L #	77
19) 1,1-Dichloroethane	3.121	63	21831	0.978	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	55386	4.793	ug/L #	99
27) 1,2-Dichloroethane	5.063	62	1260	0.092	ug/L #	39
29) 1,1,1-Trichloroethane	4.529	97	17304	0.852	ug/L	97
31) Carbon tetrachloride	4.529	117	2240	0.122	ug/L	94
34) Trichloroethene	5.844	95	34039	2.811	ug/L	99
35) Methylcyclohexane	5.998	83	15457	0.813	ug/L #	17
37) 1,2-Dichloropropane	6.111	63	693	0.060	ug/L #	94
47) Tetrachloroethene	7.915	164	97050	9.082	ug/L	96
49) Dibromochloromethane	7.915	129	83664	8.661	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	7266	1.274	ug/L #	62

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

Abundance Scan 55 (1.217 min): VV030393.D\data.ms (-47)

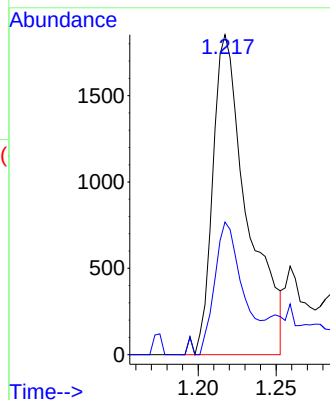
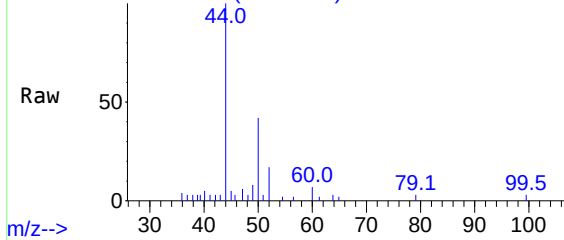


#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

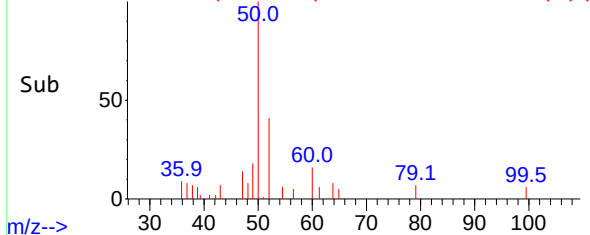
Instrument :
MSVOA_V
ClientSampleId :
BHDW0DL

Tgt Ion: 50 Resp: 2861
Ion Ratio Lower Upper
50 100
52 41.4 22.3 41.5

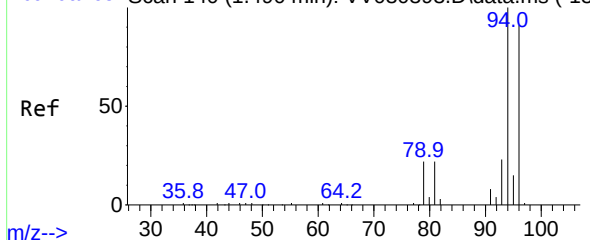
Abundance Scan 55 (1.217 min): VV030404.D\data.ms



Abundance Scan 55 (1.217 min): VV030404.D\data.ms (-1)



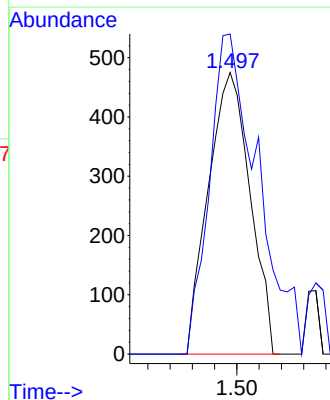
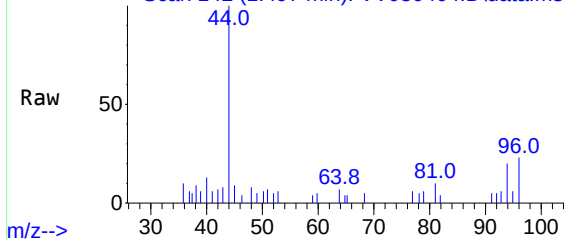
Abundance Scan 140 (1.490 min): VV030393.D\data.ms (-13)



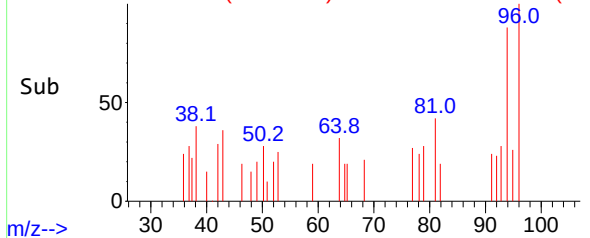
#6
Bromomethane
Concen: 0.142 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

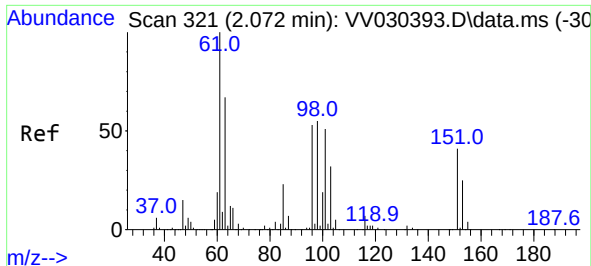
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 113.7 66.1 122.7

Abundance Scan 142 (1.497 min): VV030404.D\data.ms



Abundance Scan 142 (1.497 min): VV030404.D\data.ms (-47)

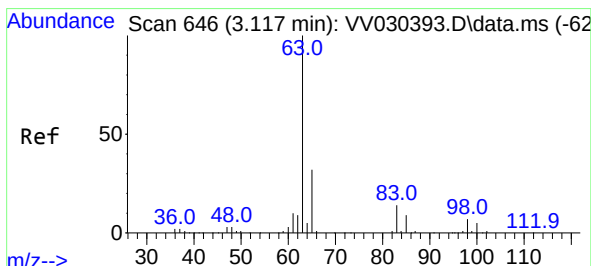
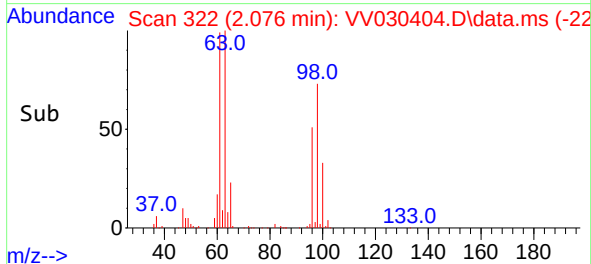
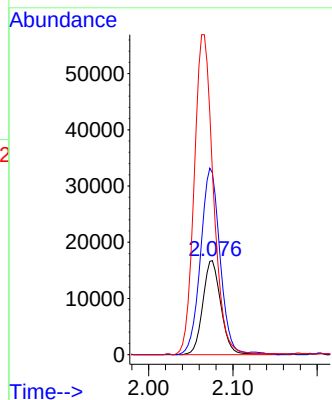
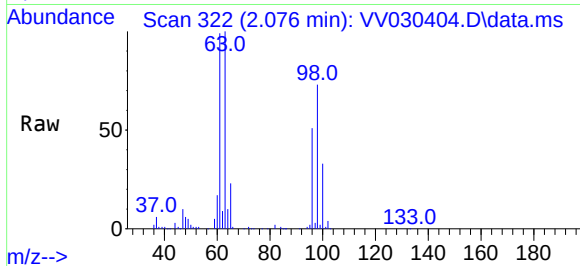




#12
1,1-Dichloroethene
Concen: 2.291 ug/L
RT: 2.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

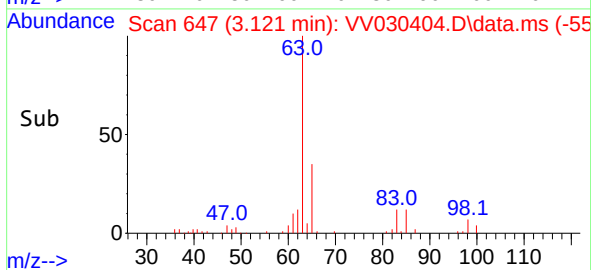
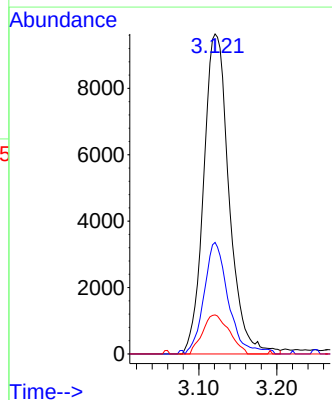
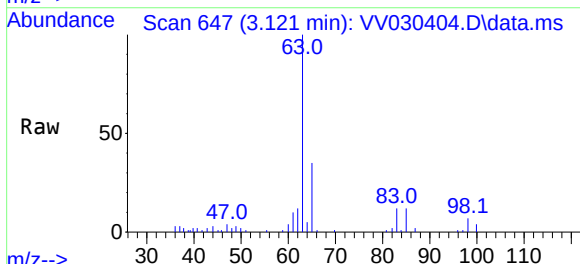
Instrument :
MSVOA_V
ClientSampleId :
BHDW0DL

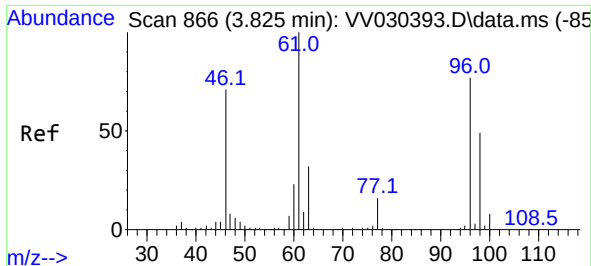
Tgt Ion: 96 Resp: 25044
Ion Ratio Lower Upper
96 100
61 193.2 136.3 253.1
63 195.4 92.1 171.1#



#19
1,1-Dichloroethane
Concen: 0.978 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

Tgt Ion: 63 Resp: 21831
Ion Ratio Lower Upper
63 100
65 34.8 21.7 40.3
83 12.2 9.1 16.9

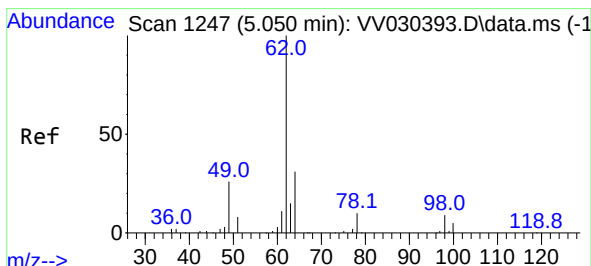
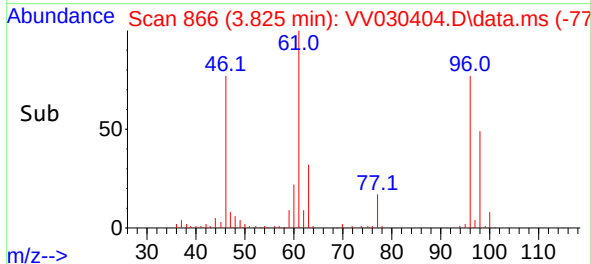
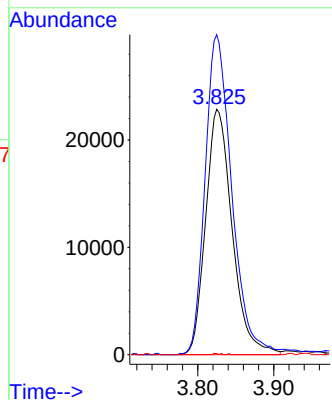
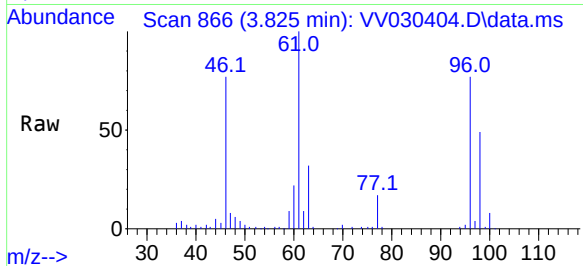




#22
cis-1,2-Dichloroethene
Concen: 4.793 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

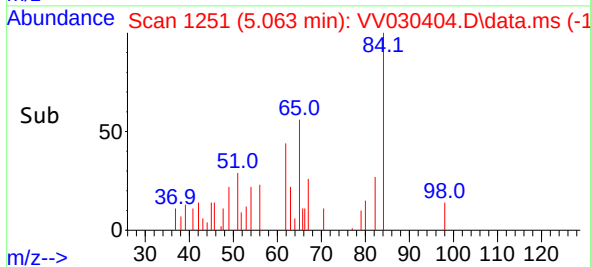
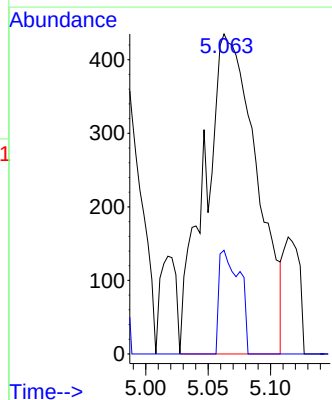
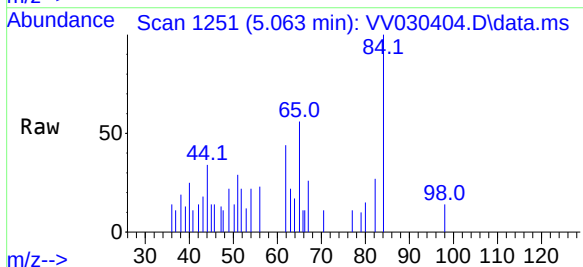
Instrument :
MSVOA_V
ClientSampleId :
BHDW0DL

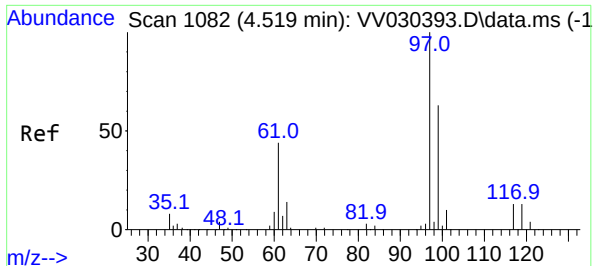
Tgt Ion: 96 Resp: 55386
Ion Ratio Lower Upper
96 100
61 130.4 92.0 170.8
68 0.4 0.0 0.0#



#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.013 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

Tgt Ion: 62 Resp: 1260
Ion Ratio Lower Upper
62 100
98 32.4 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.852 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Instrument :

MSVOA_V

ClientSampleId :

BHDW0DL

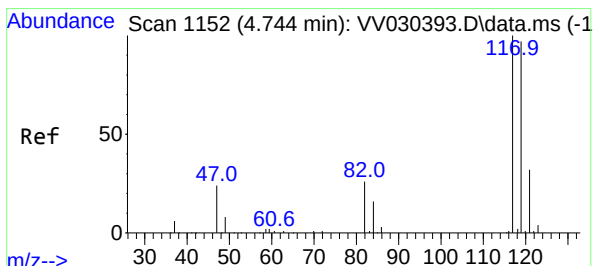
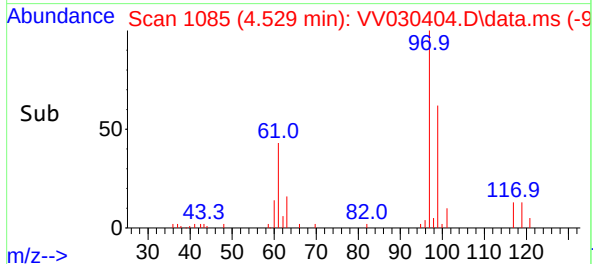
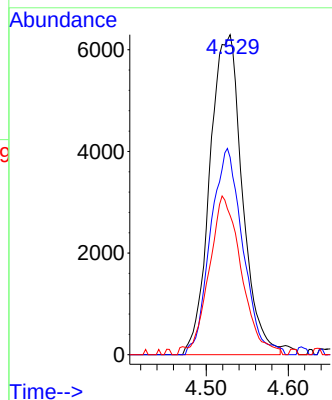
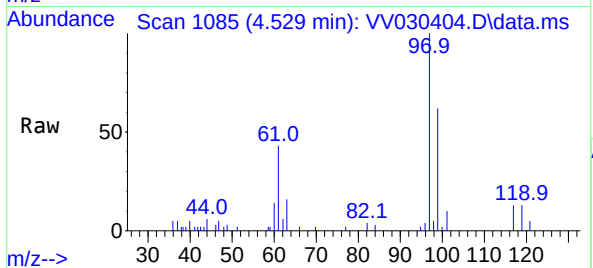
Tgt Ion: 97 Resp: 17304

Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 48.9 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.122 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. -0.215 min

Lab File: VV030404.D

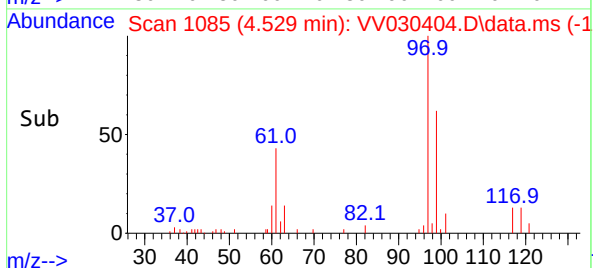
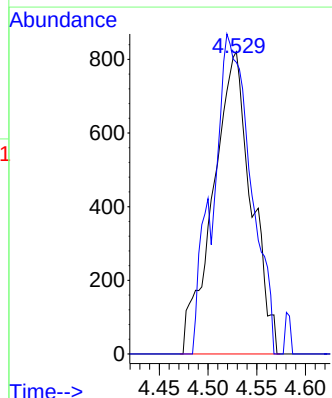
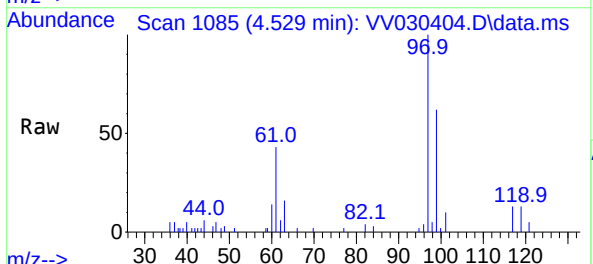
Acq: 05 Apr 2023 16:34

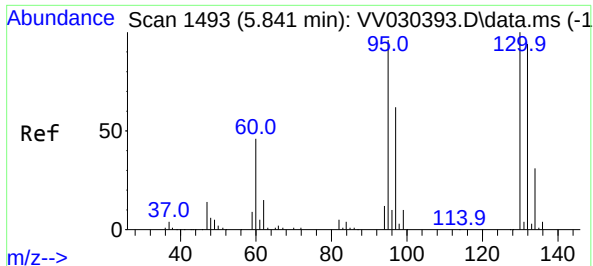
Tgt Ion: 117 Resp: 2240

Ion Ratio Lower Upper

117 100

119 89.2 76.2 114.4





#34

Trichloroethene

Concen: 2.811 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Instrument :

MSVOA_V

ClientSampleId :

BHDW0DL

Tgt Ion: 95 Resp: 34039

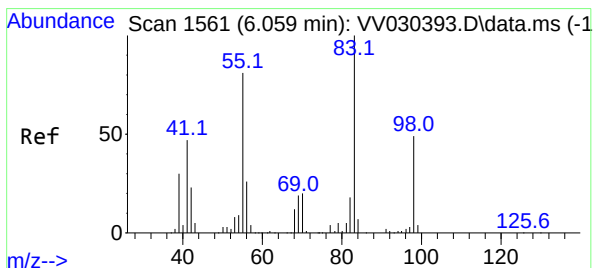
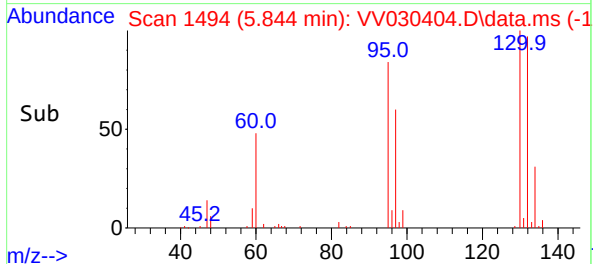
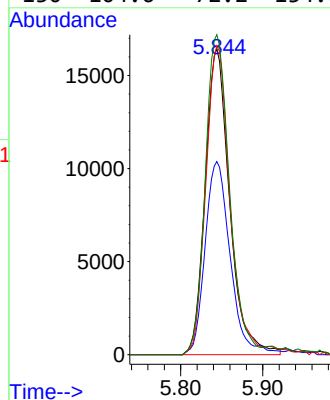
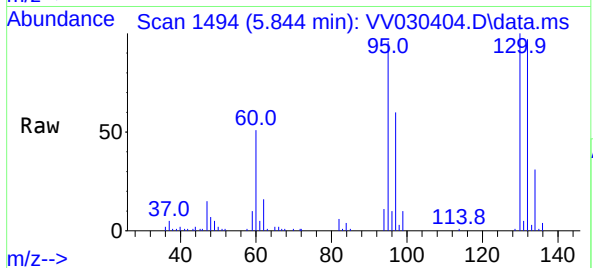
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.2

132 101.0 69.5 129.1

130 104.6 72.2 134.0



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

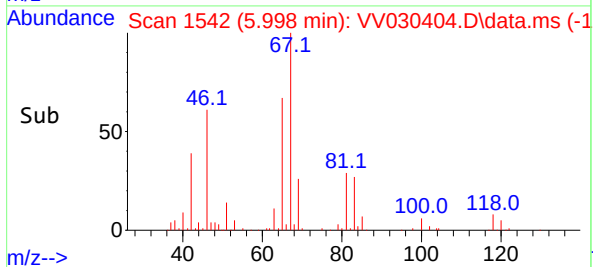
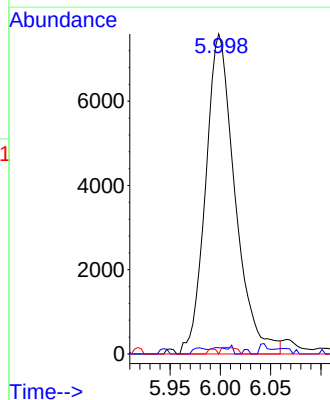
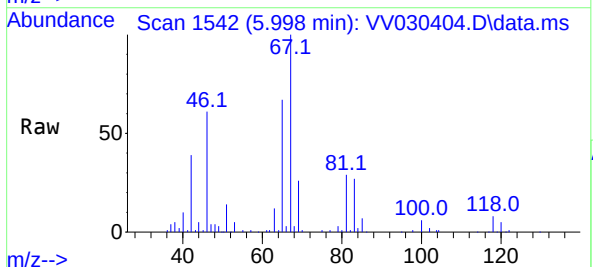
Tgt Ion: 83 Resp: 15457

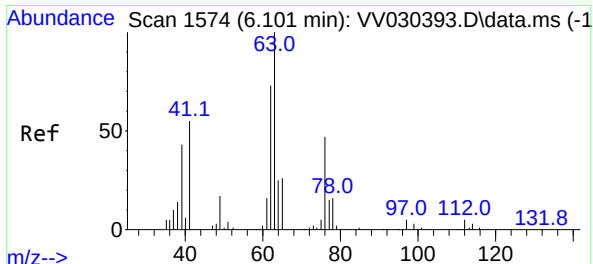
Ion Ratio Lower Upper

83 100

55 1.3 66.6 100.0#

98 1.1 38.6 58.0#

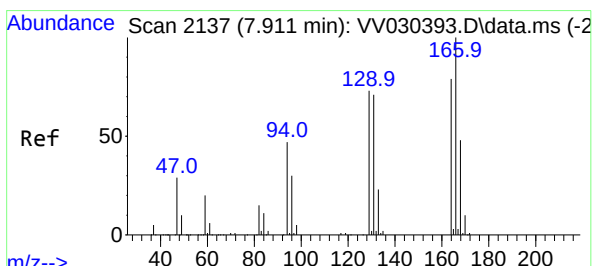
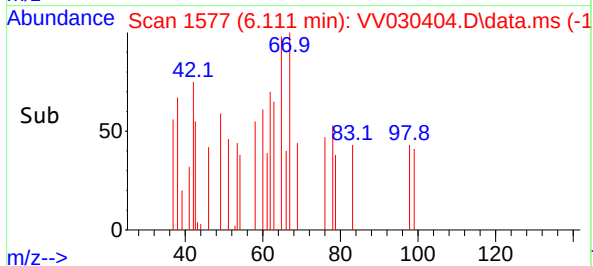
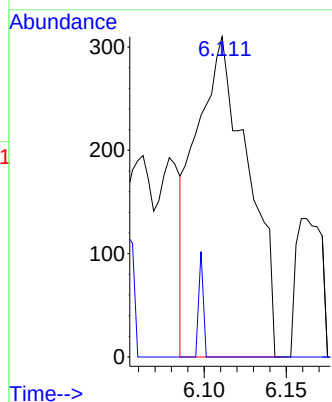
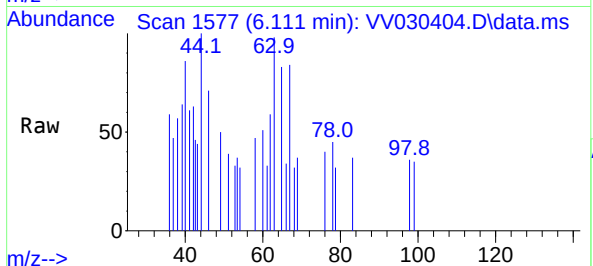




#37
1,2-Dichloropropane
Concen: 0.060 ug/L
RT: 6.111 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

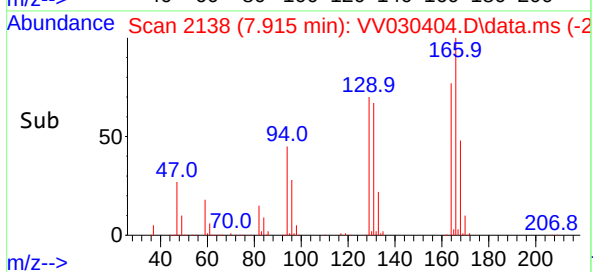
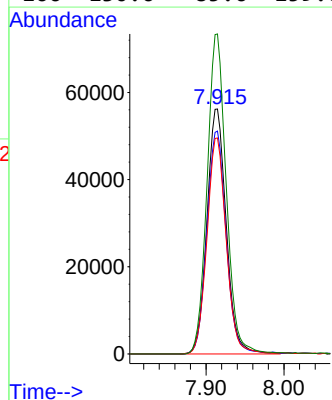
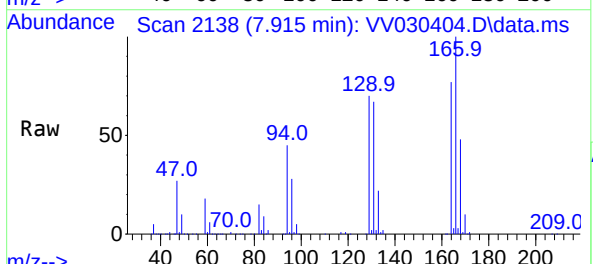
Instrument :
MSVOA_V
ClientSampleId :
BHDW0DL

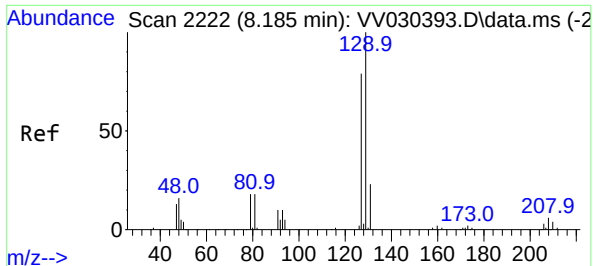
Tgt Ion: 63 Resp: 693
Ion Ratio Lower Upper
63 100
112 2.9 3.9 5.9#



#47
Tetrachloroethene
Concen: 9.082 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030404.D
Acq: 05 Apr 2023 16:34

Tgt Ion:164 Resp: 97050
Ion Ratio Lower Upper
164 100
129 91.0 60.8 112.8
131 88.2 61.7 114.7
166 130.6 85.6 159.0





#49

Dibromochloromethane

Concen: 8.661 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Instrument :

MSVOA_V

ClientSampleId :

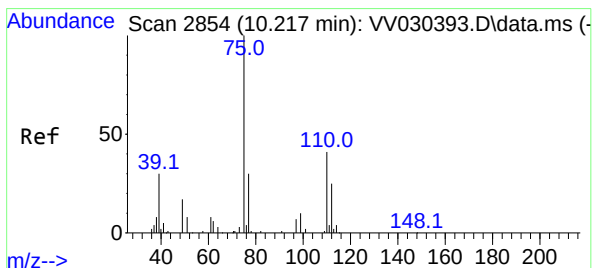
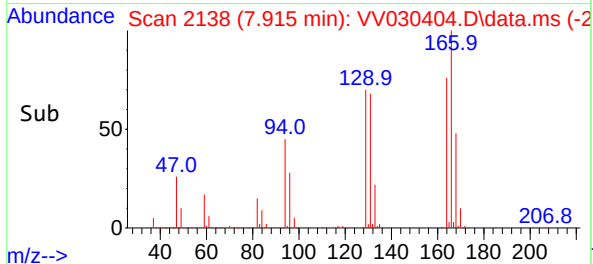
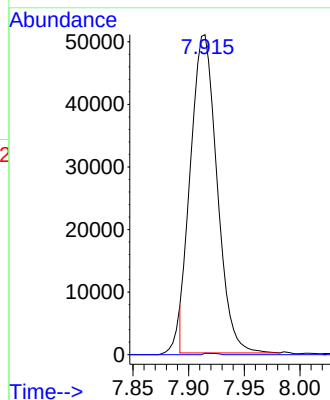
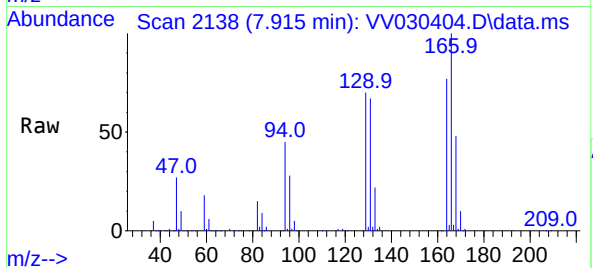
BHDW0DL

Tgt Ion:129 Resp: 83664

Ion Ratio Lower Upper

129 100

127 0.5 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.274 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030404.D

Acq: 05 Apr 2023 16:34

Tgt Ion: 75 Resp: 7266

Ion Ratio Lower Upper

75 100

77 39.8 26.0 39.0#

110 3.8 31.6 47.4#

