

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041123\
 Data File : VW030504.D
 Acq On : 11 Apr 2023 19:04
 Operator : SY/MD
 Sample : 02250-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

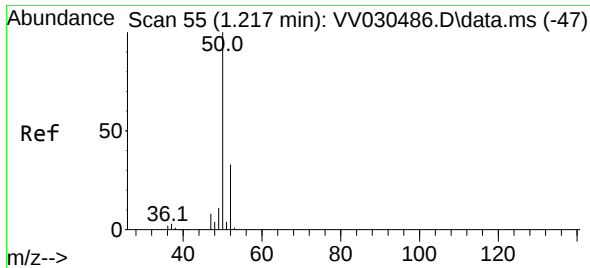
Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW1

Quant Time: Apr 12 05:04:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 12 05:00:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	108974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	108953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	22410	3.105	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.535	69	26712	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.066	63	51832	3.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.822	46	83126	44.560	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.120%
24) Chloroform-d	4.259	84	76417	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.953	65	38547	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.973	84	125277	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.998	67	41637	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.252	98	105157	3.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.564	79	13676	3.779	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.037	63	63417	43.609	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33075	4.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	45546	4.648	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2031	0.116	ug/L	99
6) Bromomethane	1.490	94	311	0.086	ug/L #	69
12) 1,1-Dichloroethene	2.076	96	15871	1.743	ug/L #	76
17) Methyl tert-butyl Ether	2.715	73	11799	0.612	ug/L	98
19) 1,1-Dichloroethane	3.121	63	130571	7.021	ug/L	98
29) 1,1,1-Trichloroethane	4.529	97	11796	0.674	ug/L	97
34) Trichloroethene	5.844	95	11738	1.125	ug/L	98
35) Methylcyclohexane	5.998	83	10502	0.641	ug/L #	16
47) Tetrachloroethene	7.915	164	11524	1.251	ug/L	95
49) Dibromochloromethane	7.915	129	9994	1.200	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6082	1.241	ug/L #	64

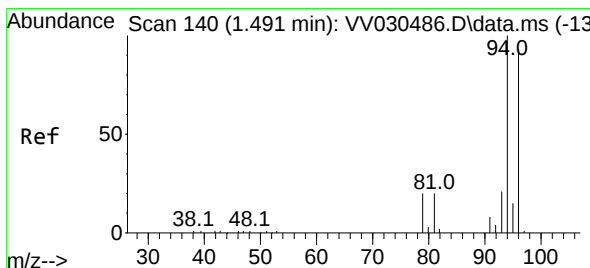
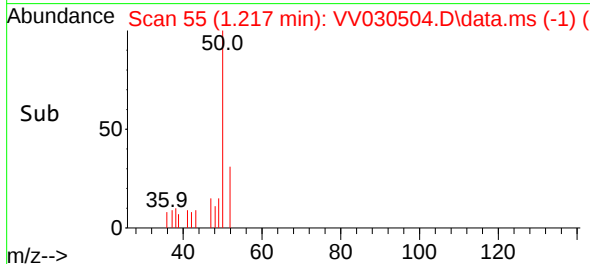
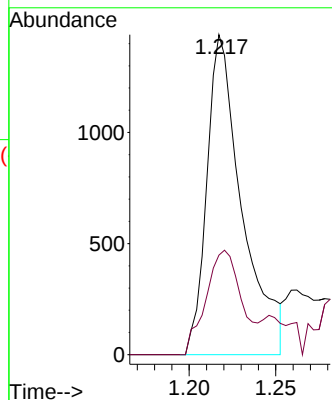
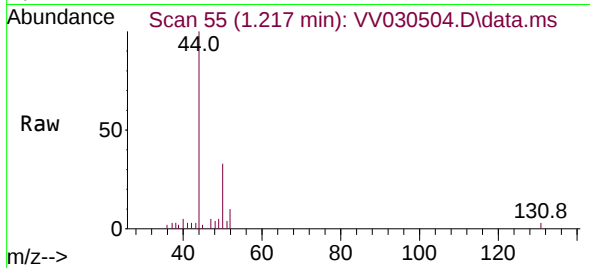
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030504.D
Acq: 11 Apr 2023 19:04

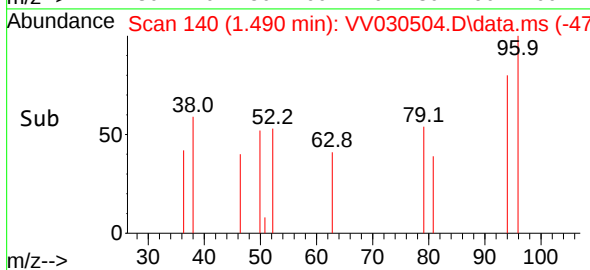
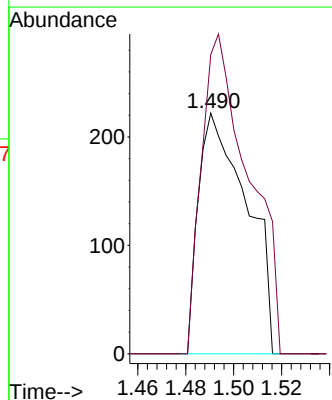
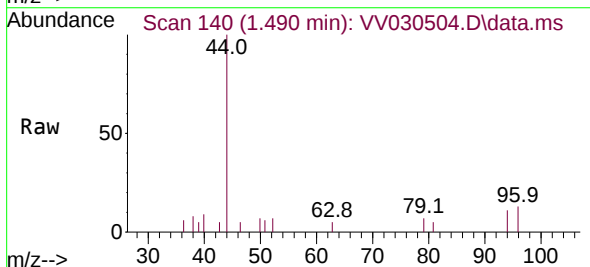
Instrument :
MSVOA_V
ClientSampleId :
BHDW1

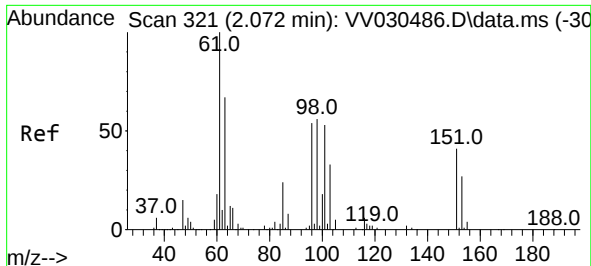
Tgt Ion: 50 Resp: 2031
Ion Ratio Lower Upper
50 100
52 31.1 22.3 41.5



#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV030504.D
Acq: 11 Apr 2023 19:04

Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 124.3 66.1 122.7#





#12

1,1-Dichloroethene

Concen: 1.743 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030504.D

Acq: 11 Apr 2023 19:04

Instrument :

MSVOA_V

ClientSampleId :

BHDW1

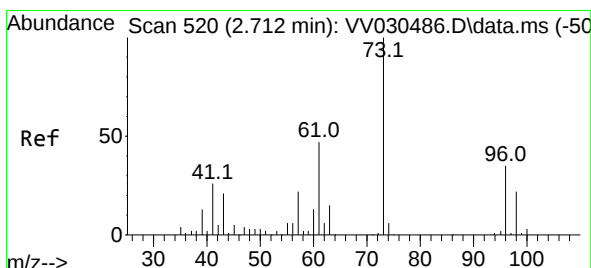
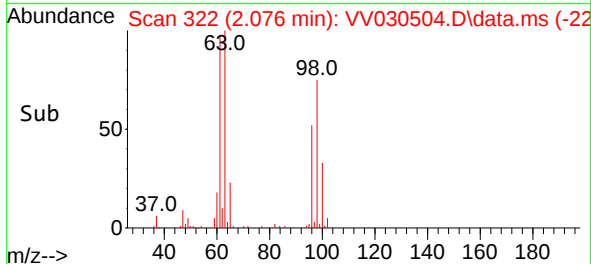
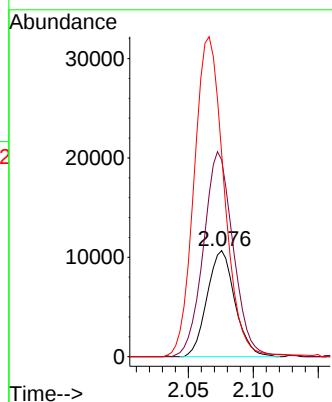
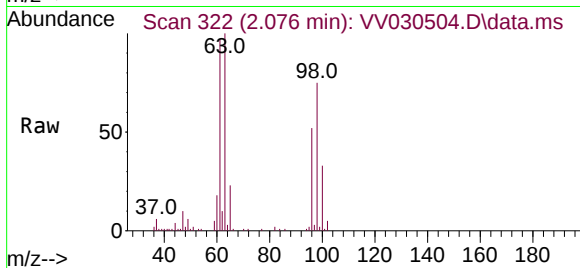
Tgt Ion: 96 Resp: 15871

Ion Ratio Lower Upper

96 100

61 185.5 136.3 253.1

63 191.7 92.1 171.1#



#17

Methyl tert-butyl Ether

Concen: 0.612 ug/L

RT: 2.715 min Scan# 521

Delta R.T. 0.003 min

Lab File: VV030504.D

Acq: 11 Apr 2023 19:04

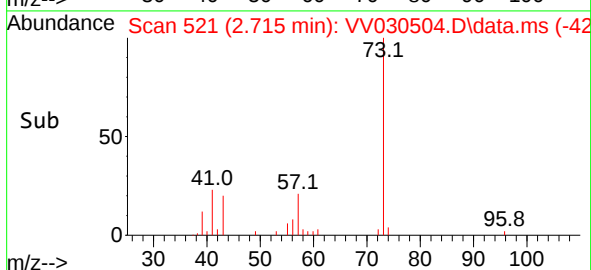
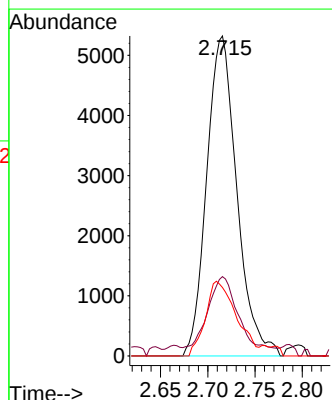
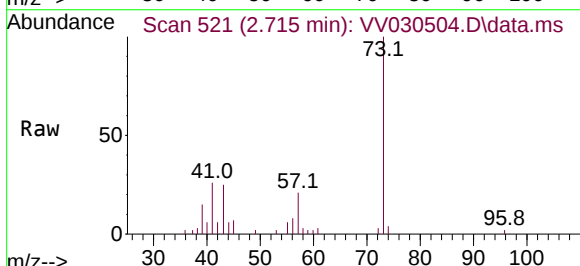
Tgt Ion: 73 Resp: 11799

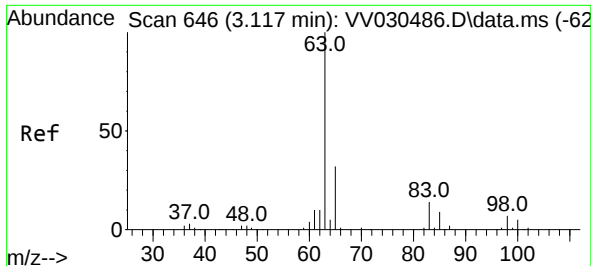
Ion Ratio Lower Upper

73 100

43 20.9 17.4 26.2

57 23.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 7.021 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030504.D

Acq: 11 Apr 2023 19:04

Instrument :

MSVOA_V

ClientSampleId :

BHDW1

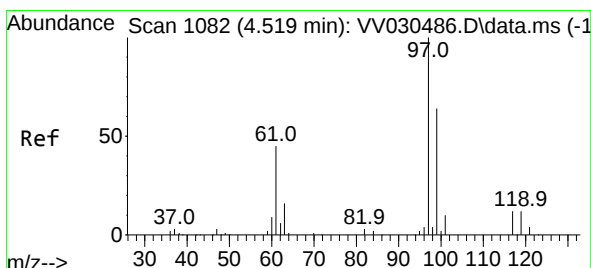
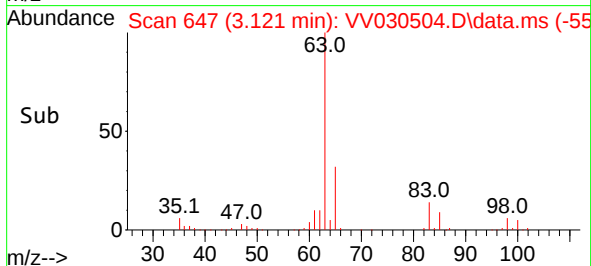
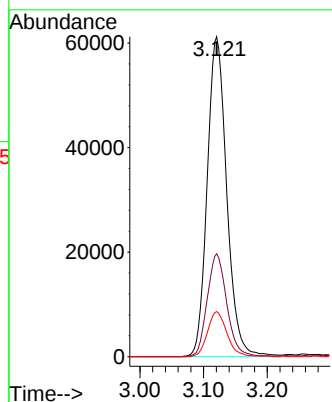
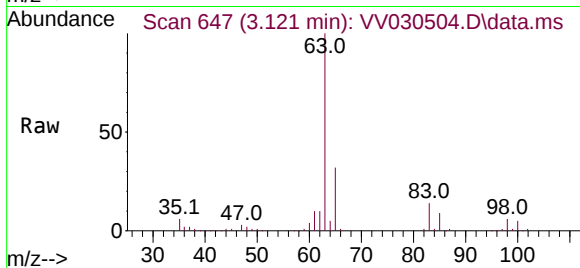
Tgt Ion: 63 Resp: 130571

Ion Ratio Lower Upper

63 100

65 32.1 21.7 40.3

83 14.1 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 0.674 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030504.D

Acq: 11 Apr 2023 19:04

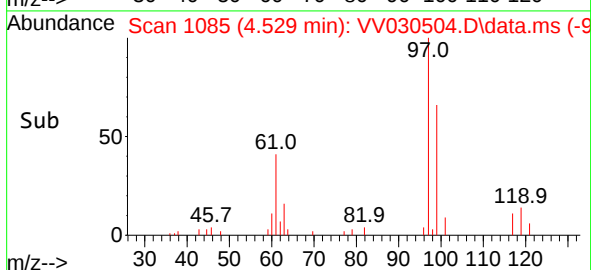
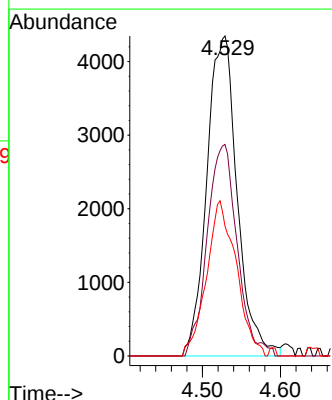
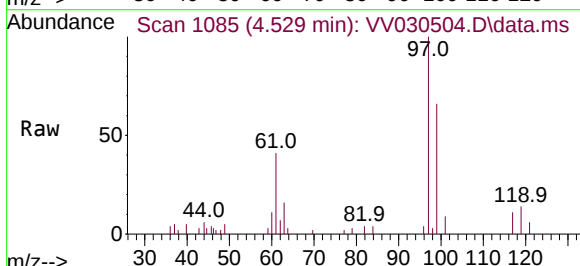
Tgt Ion: 97 Resp: 11796

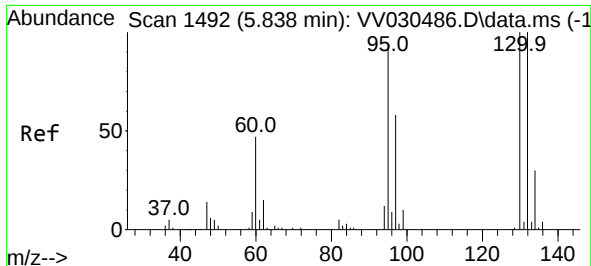
Ion Ratio Lower Upper

97 100

99 65.4 50.9 76.3

61 47.4 35.9 53.9



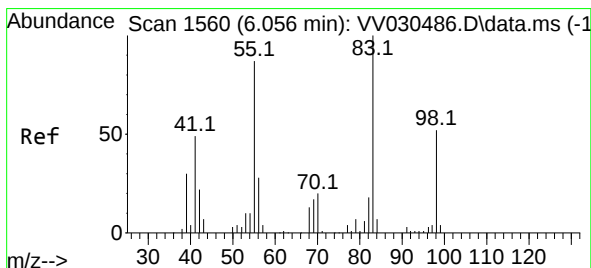
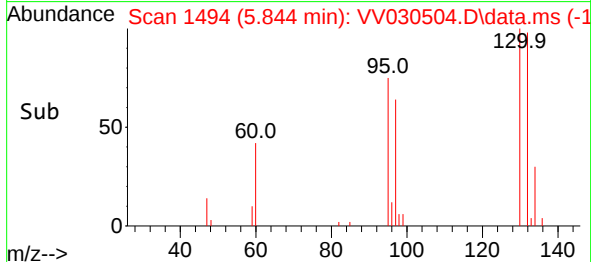
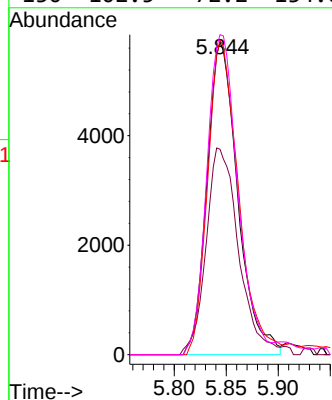
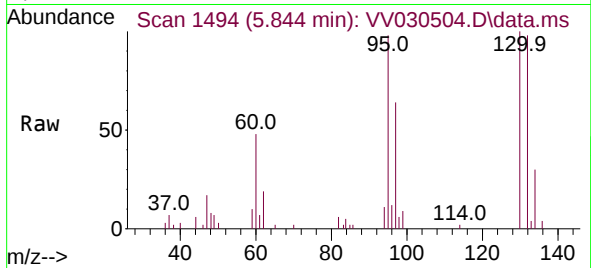


#34
Trichloroethene
Concen: 1.125 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV030504.D
Acq: 11 Apr 2023 19:04

Instrument :
MSVOA_V
ClientSampleId :
BHDW1

Tgt Ion: 95 Resp: 11738

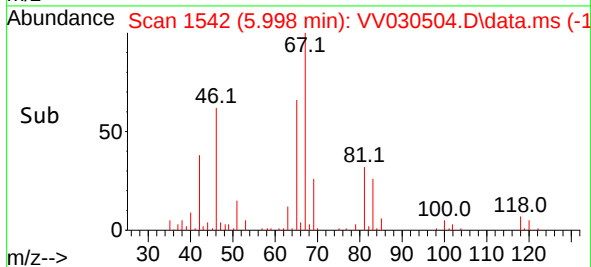
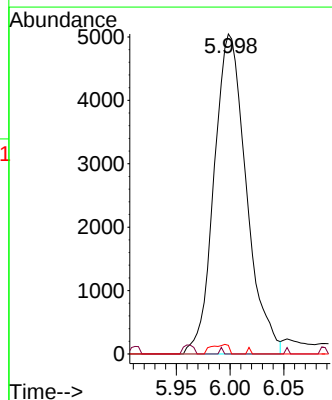
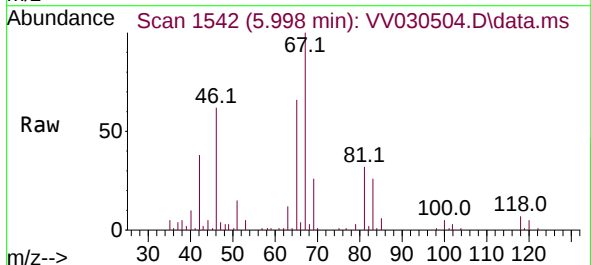
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.2	82.2
132	100.8	69.5	129.1
130	102.5	72.2	134.0

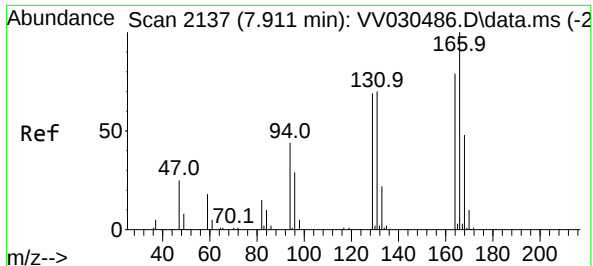


#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030504.D
Acq: 11 Apr 2023 19:04

Tgt Ion: 83 Resp: 10502

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.6	100.0#
98	1.6	38.6	58.0#





#47

Tetrachloroethene

Concen: 1.251 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030504.D

Acq: 11 Apr 2023 19:04

Instrument :

MSVOA_V

ClientSampleId :

BHDW1

Tgt Ion:164 Resp: 11524

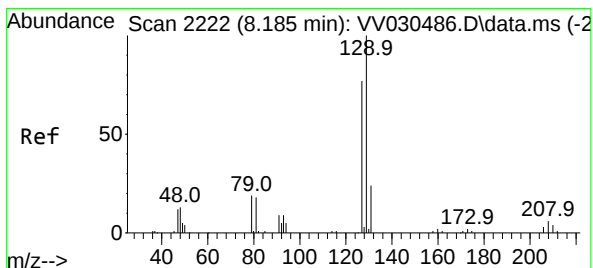
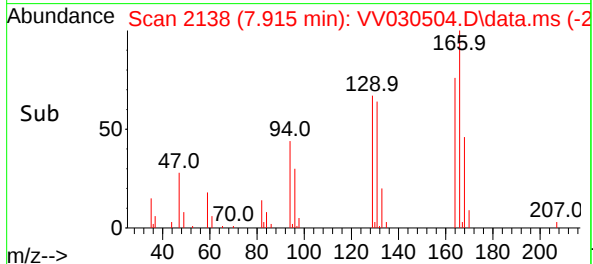
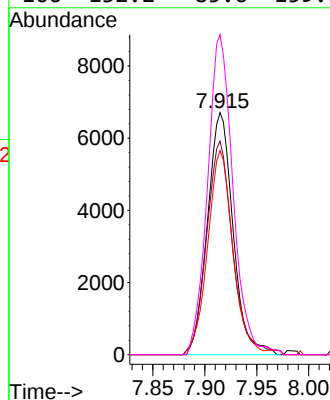
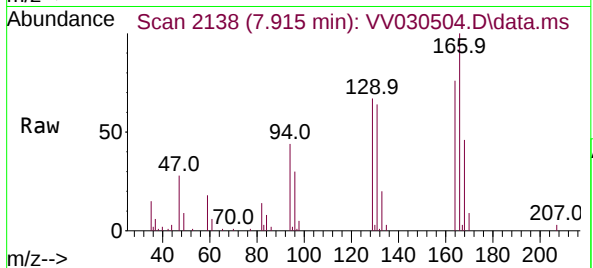
Ion Ratio Lower Upper

164 100

129 88.2 60.8 112.8

131 84.3 61.7 114.7

166 132.2 85.6 159.0



#49

Dibromochloromethane

Concen: 1.200 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030504.D

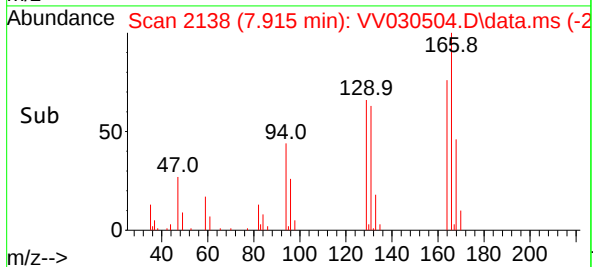
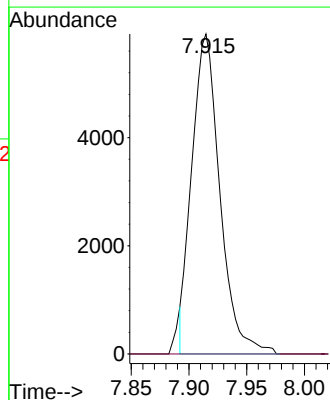
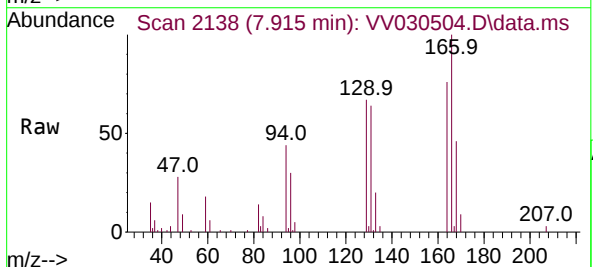
Acq: 11 Apr 2023 19:04

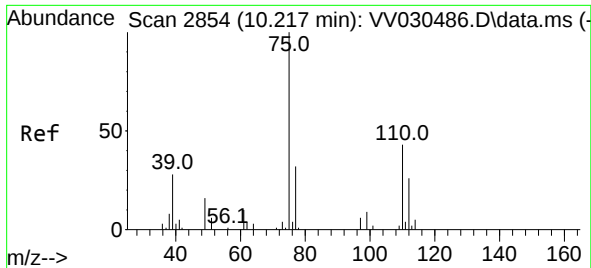
Tgt Ion:129 Resp: 9994

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#61

1,2,3-Trichloropropane

Concen: 1.241 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV030504.D

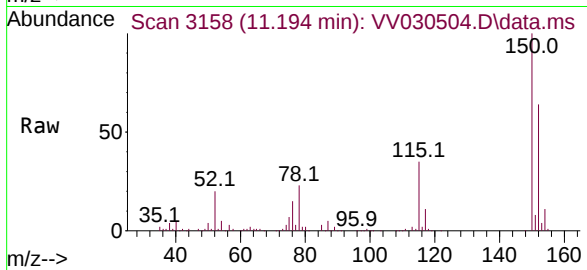
Acq: 11 Apr 2023 19:04

Instrument :

MSVOA_V

ClientSampleId :

BHDW1



Tgt Ion: 75 Resp: 6082

Ion Ratio Lower Upper

75 100

77 39.5 26.0 39.0#

110 5.0 31.6 47.4#

