

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030941.D
 Acq On : 28 Apr 2023 23:28
 Operator : SY/MD
 Sample : 02551-05 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE81

Quant Time: Apr 29 01:16:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

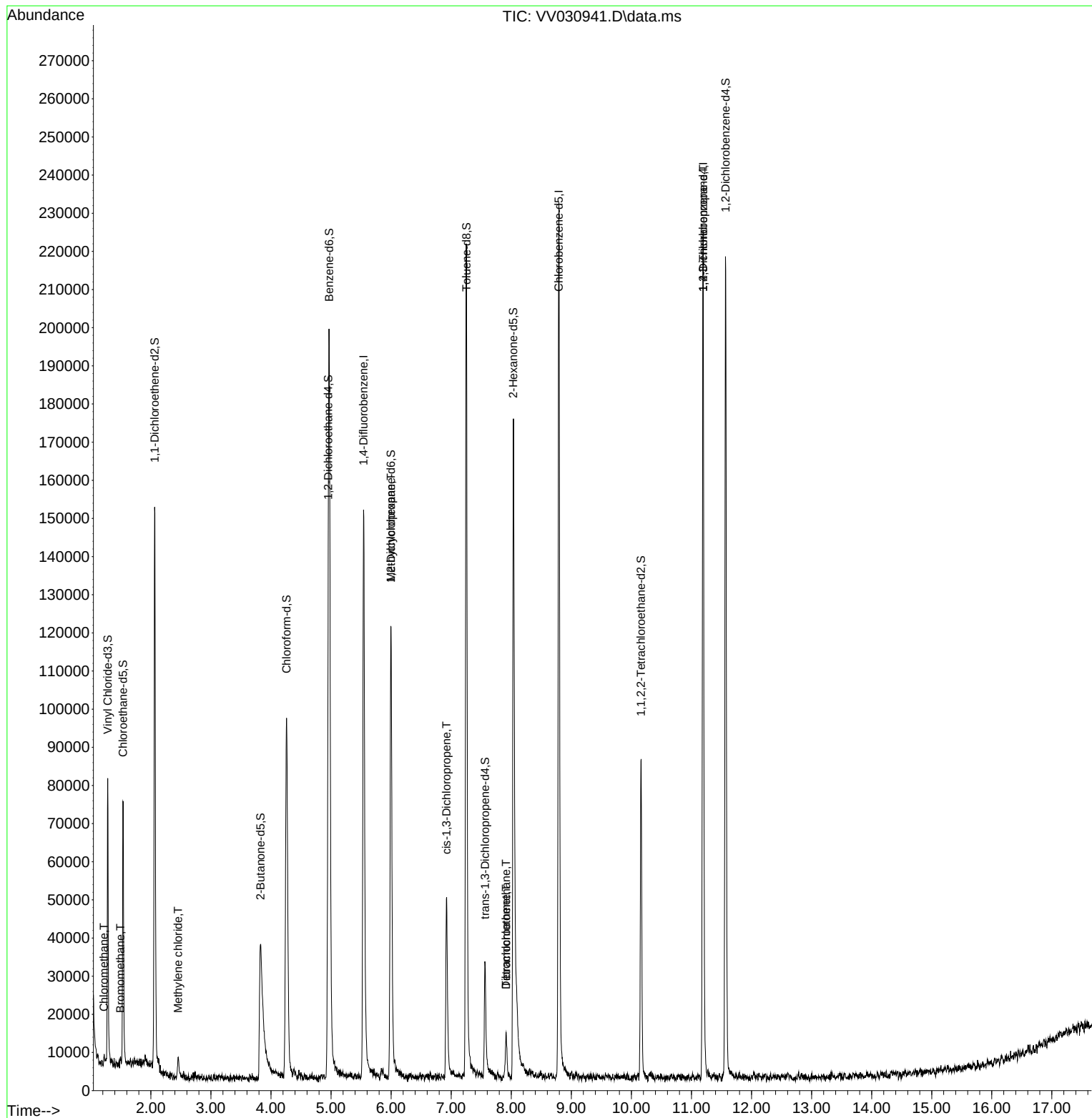
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	127861	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	126974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	48314	4.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.536	69	41869	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.063	65	24050	4.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.825	46	90485	48.438	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.880%
24) Chloroform-d	4.259	84	97412	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	4.953	65	53069	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.970	84	172009	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	5.998	67	48497	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.252	98	146168	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.564	79	17848	4.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.034	63	60144	42.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.620%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36154	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	57399	4.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1385	0.117	ug/L #	69
6) Bromomethane	1.494	94	384	0.081	ug/L	87
16) Methylene chloride	2.452	84	2073	0.213	ug/L	83
35) Methylcyclohexane	5.995	83	13938	1.056	ug/L #	18
39) cis-1,3-Dichloropropene	6.921	75	1751	0.154	ug/L #	66
47) Tetrachloroethene	7.915	164	2696	0.332	ug/L	89
49) Dibromochloromethane	7.912	129	2160	0.305	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6539	1.665	ug/L #	58

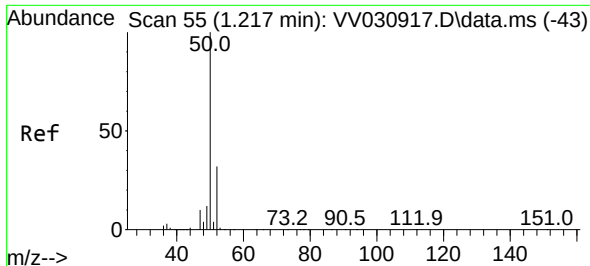
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 29 01:06:38 2023
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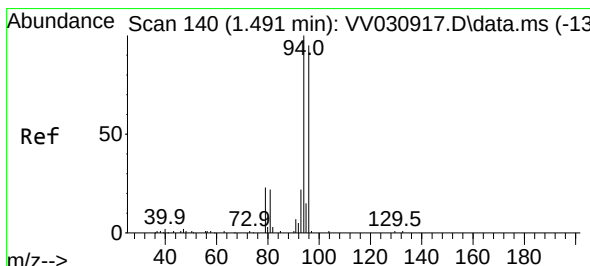
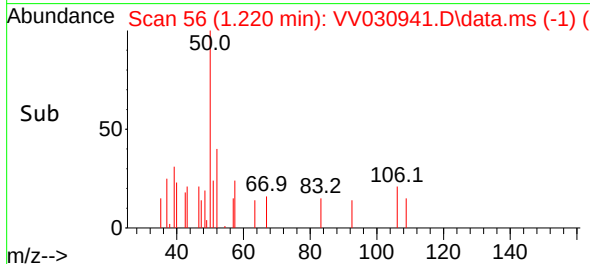
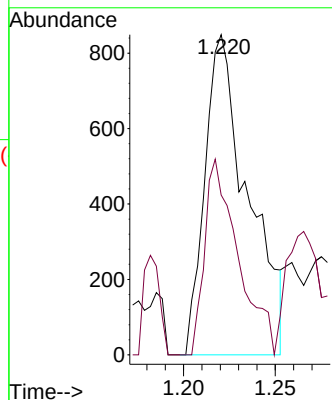
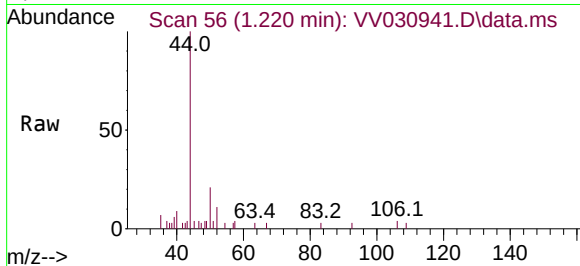




#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030941.D
Acq: 28 Apr 2023 23:28

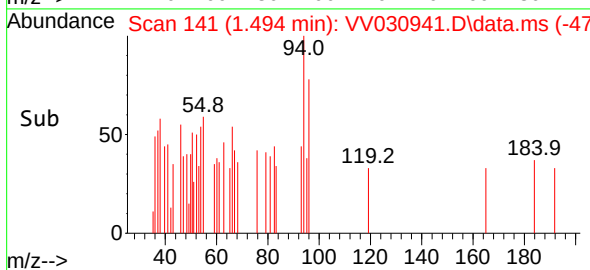
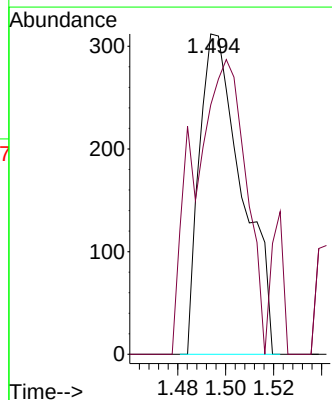
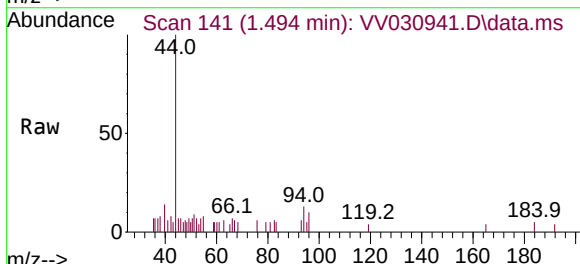
Instrument :
MSVOA_V
ClientSampleId :
BHE81

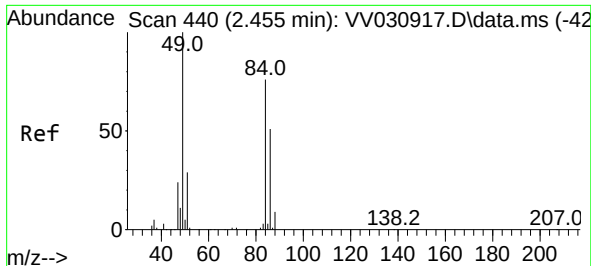
Tgt Ion: 50 Resp: 1385
Ion Ratio Lower Upper
50 100
52 49.9 22.8 42.4#



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030941.D
Acq: 28 Apr 2023 23:28

Tgt Ion: 94 Resp: 384
Ion Ratio Lower Upper
94 100
96 77.9 63.4 117.8

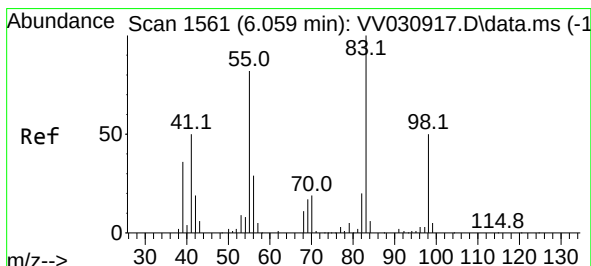
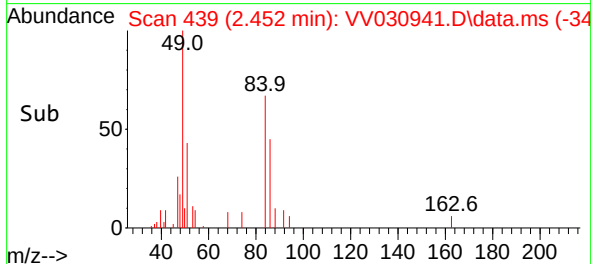
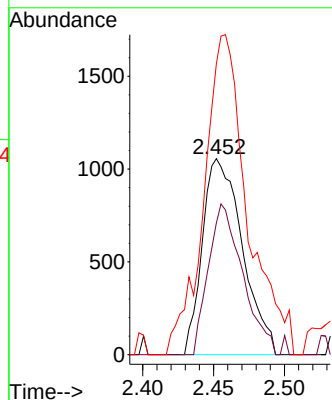
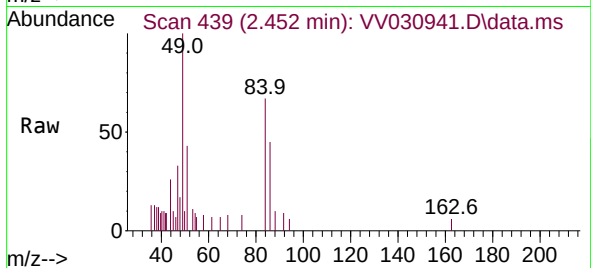




#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030941.D
Acq: 28 Apr 2023 23:28

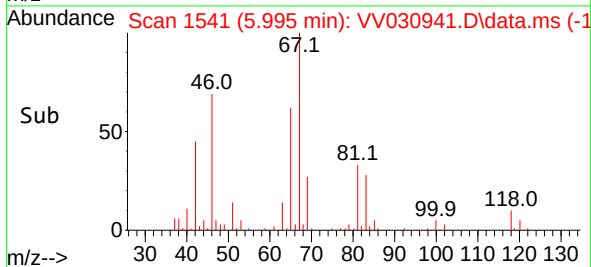
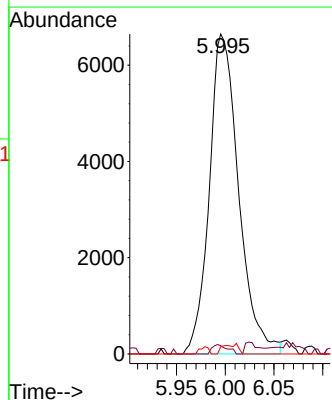
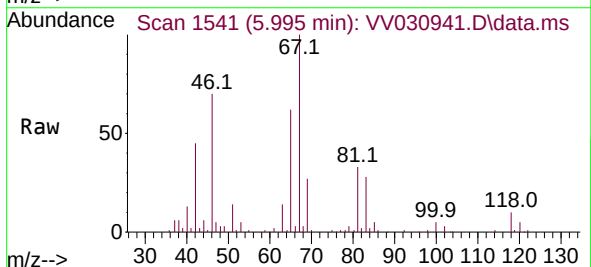
Instrument :
MSVOA_V
ClientSampleId :
BHE81

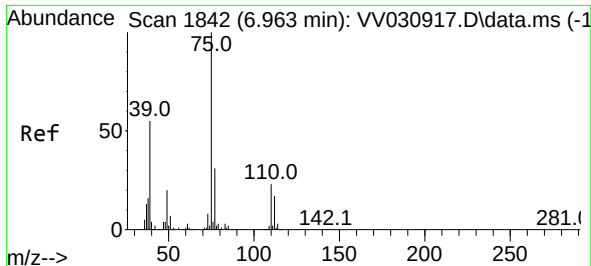
Tgt Ion: 84 Resp: 2073
Ion Ratio Lower Upper
84 100
86 67.1 46.1 85.5
49 163.6 94.3 175.1



#35
Methylcyclohexane
Concen: 1.056 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.064 min
Lab File: VV030941.D
Acq: 28 Apr 2023 23:28

Tgt Ion: 83 Resp: 13938
Ion Ratio Lower Upper
83 100
55 1.5 62.9 94.3#
98 0.7 40.5 60.7#





#39

cis-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030941.D

Acq: 28 Apr 2023 23:28

Instrument :

MSVOA_V

ClientSampleId :

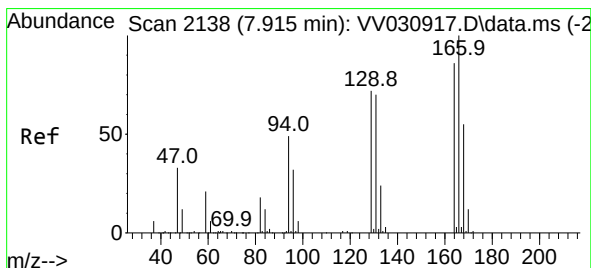
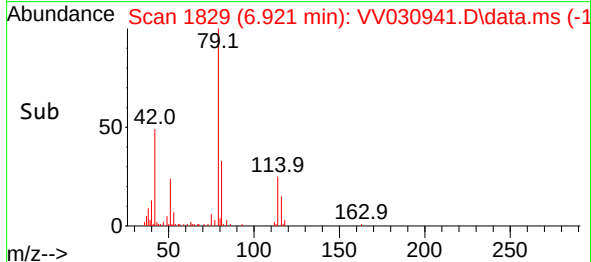
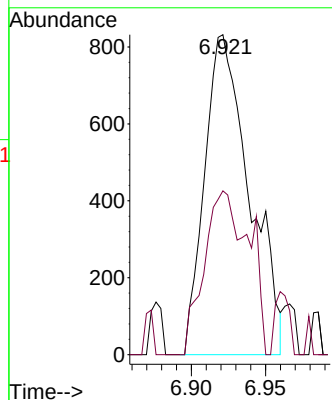
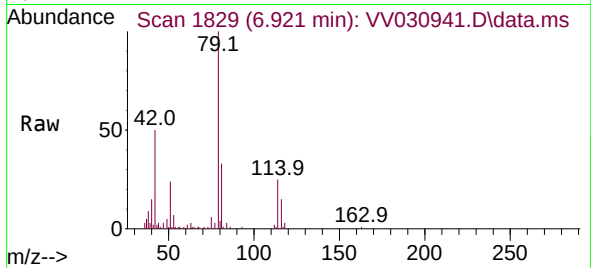
BHE81

Tgt Ion: 75 Resp: 1751

Ion Ratio Lower Upper

75 100

77 51.2 22.6 42.0#



#47

Tetrachloroethene

Concen: 0.332 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VV030941.D

Acq: 28 Apr 2023 23:28

Tgt Ion: 164 Resp: 2696

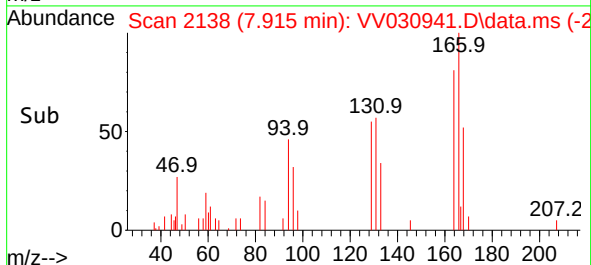
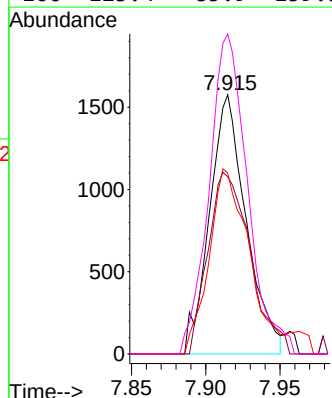
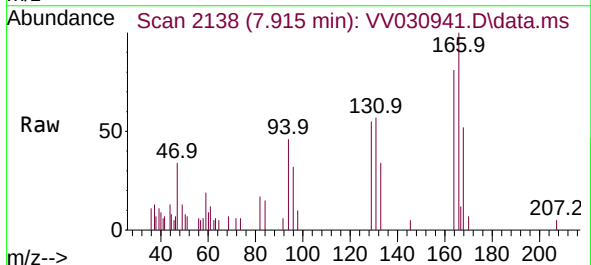
Ion Ratio Lower Upper

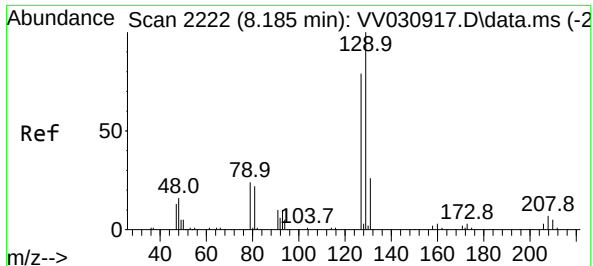
164 100

129 68.4 60.5 112.3

131 69.8 60.8 112.8

166 123.4 85.9 159.5





#49

Dibromochloromethane

Concen: 0.305 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030941.D

Acq: 28 Apr 2023 23:28

Instrument :

MSVOA_V

ClientSampleId :

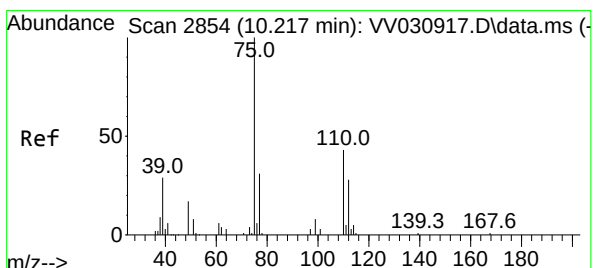
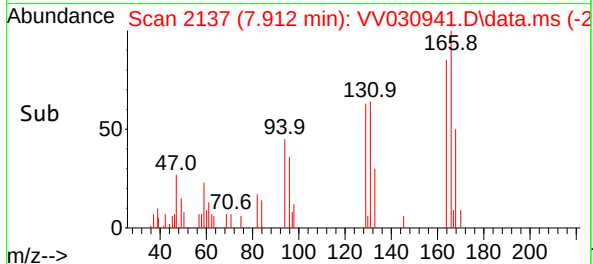
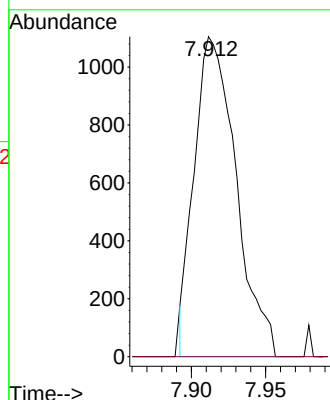
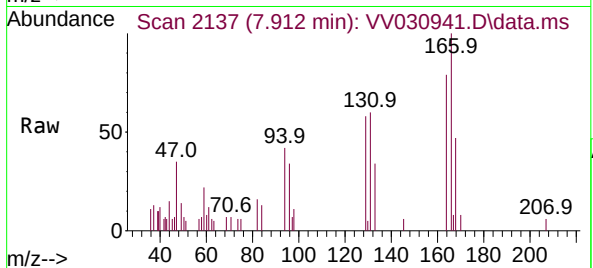
BHE81

Tgt Ion:129 Resp: 2160

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 1.665 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030941.D

Acq: 28 Apr 2023 23:28

Tgt Ion: 75 Resp: 6539

Ion Ratio Lower Upper

75 100

77 39.2 25.3 37.9#

110 2.4 34.0 51.0#

