

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030541.D
 Acq On : 13 Apr 2023 13:32
 Operator : SY/MD
 Sample : 02250-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDY3

Quant Time: Apr 14 05:19:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

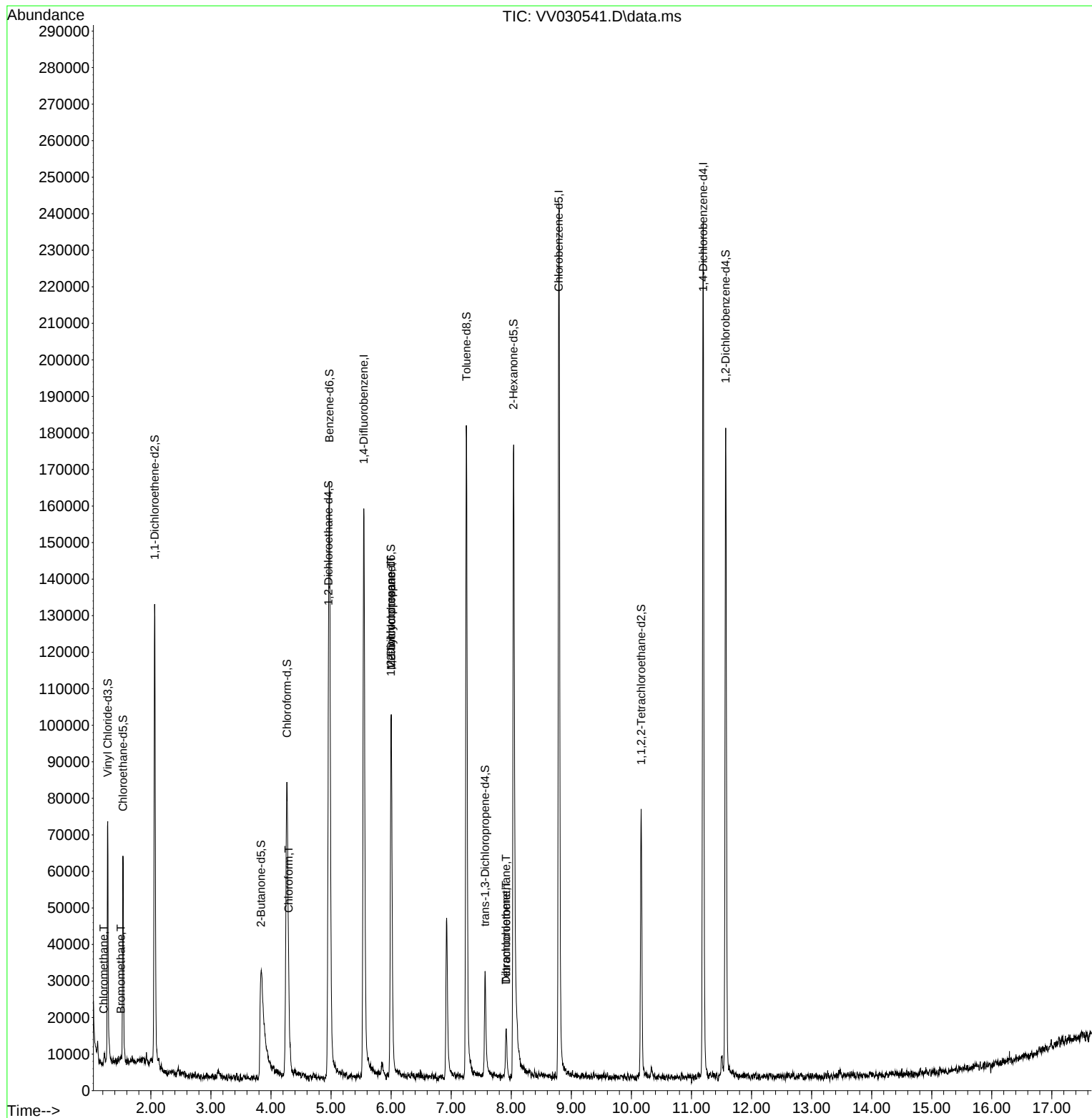
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	133186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	133207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	44870	5.087	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.536	69	35569	4.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.063	63	69694	3.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.834	46	80548	35.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.660%
24) Chloroform-d	4.265	84	82271	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	4.957	65	40688	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	4.973	84	142081	3.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	5.998	67	45299	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.252	98	120792	3.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.564	79	17432	3.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.037	63	63895	35.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.880%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33321	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	46998	4.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2069	0.097	ug/L	99
6) Bromomethane	1.500	94	516	0.116	ug/L	77
25) Chloroform	4.294	83	11612	0.506	ug/L	99
35) Methylcyclohexane	6.002	83	11239	0.561	ug/L #	17
37) 1,2-Dichloropropane	6.002	63	6350	0.523	ug/L #	89
47) Tetrachloroethene	7.915	164	2767	0.246	ug/L	89
49) Dibromochloromethane	7.915	129	2683	0.264	ug/L #	12

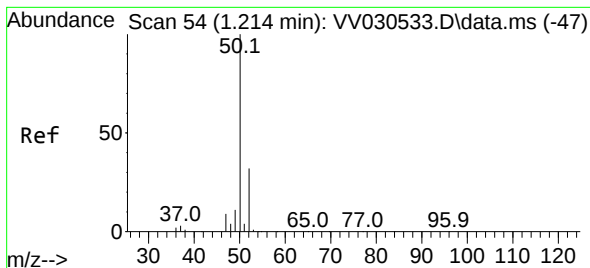
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 05:19:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 05:16:37 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV030541.D

Acq: 13 Apr 2023 13:32

Instrument :

MSVOA_V

ClientSampleId :

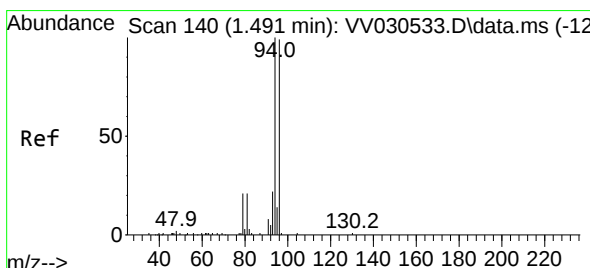
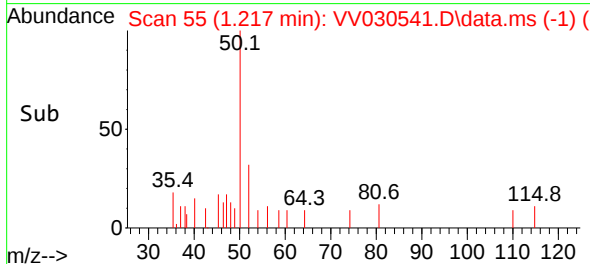
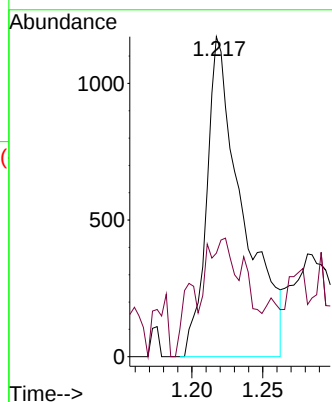
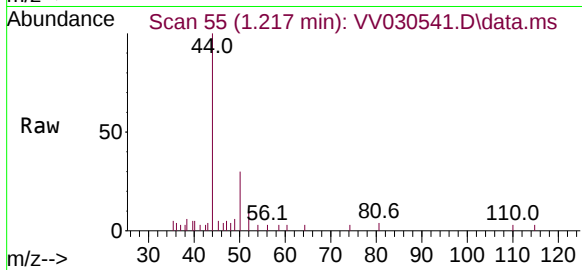
BHDY3

Tgt Ion: 50 Resp: 2069

Ion Ratio Lower Upper

50 100

52 32.4 22.3 41.5



#6

Bromomethane

Concen: 0.116 ug/L

RT: 1.500 min Scan# 143

Delta R.T. 0.010 min

Lab File: VV030541.D

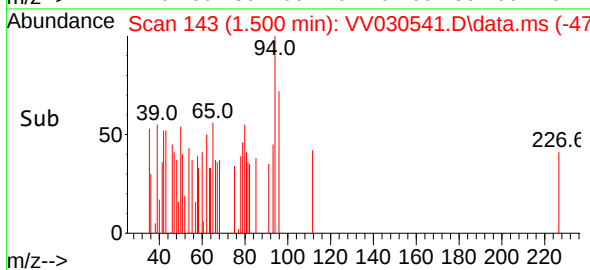
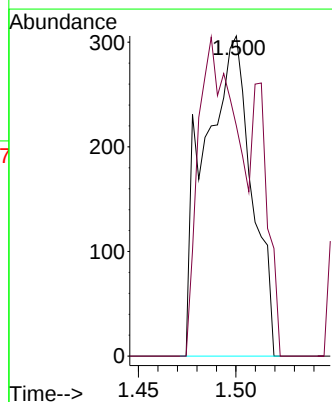
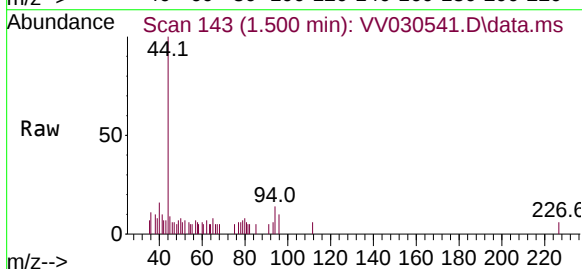
Acq: 13 Apr 2023 13:32

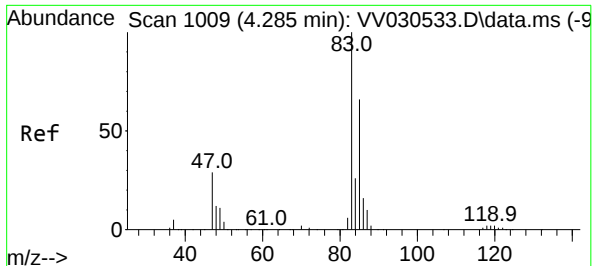
Tgt Ion: 94 Resp: 516

Ion Ratio Lower Upper

94 100

96 71.9 66.1 122.7





#25

Chloroform

Concen: 0.506 ug/L

RT: 4.294 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV030541.D

Acq: 13 Apr 2023 13:32

Instrument :

MSVOA_V

ClientSampleId :

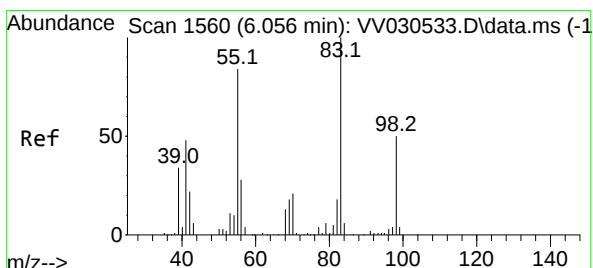
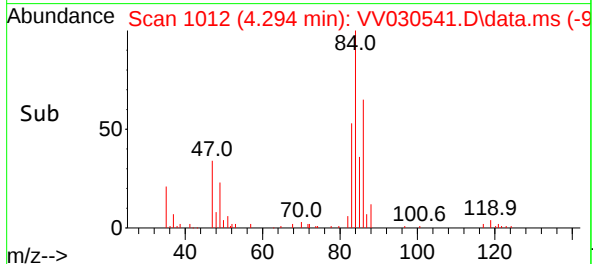
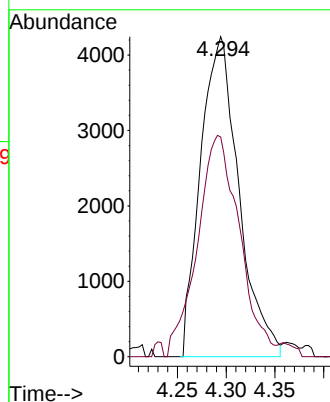
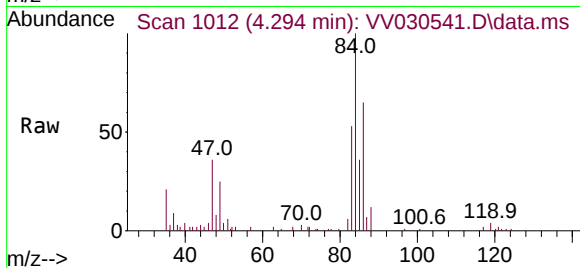
BHDY3

Tgt Ion: 83 Resp: 11612

Ion Ratio Lower Upper

83 100

85 68.7 47.6 88.4



#35

Methylcyclohexane

Concen: 0.561 ug/L

RT: 6.002 min Scan# 1543

Delta R.T. -0.055 min

Lab File: VV030541.D

Acq: 13 Apr 2023 13:32

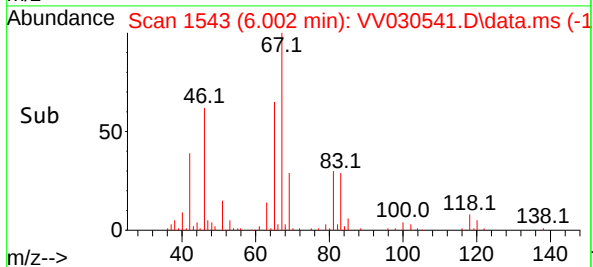
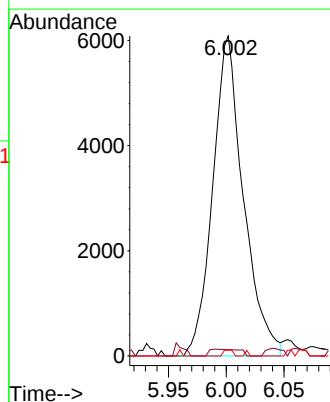
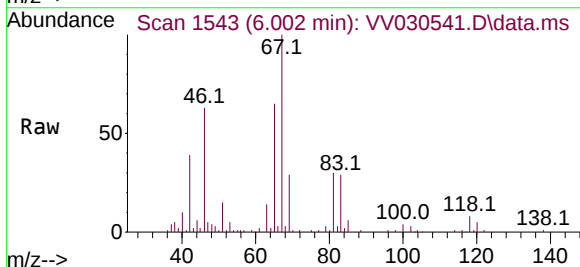
Tgt Ion: 83 Resp: 11239

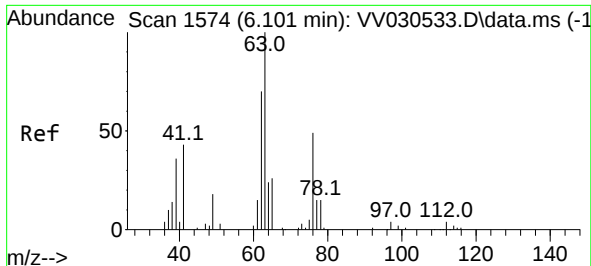
Ion Ratio Lower Upper

83 100

55 2.0 66.6 100.0#

98 0.6 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.002 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV030541.D

Acq: 13 Apr 2023 13:32

Instrument :

MSVOA_V

ClientSampleId :

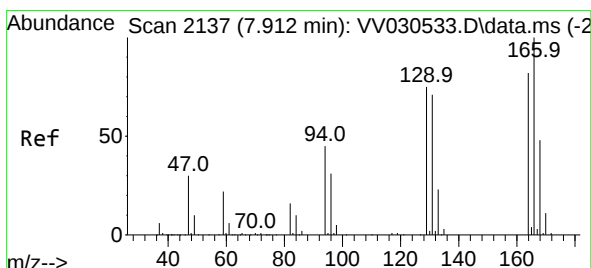
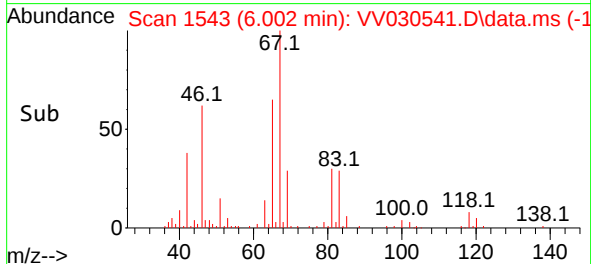
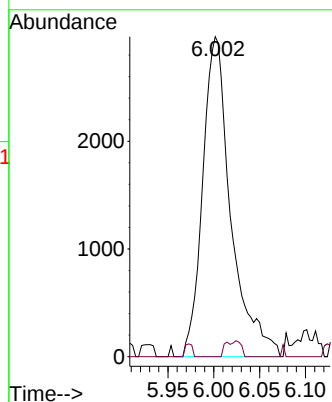
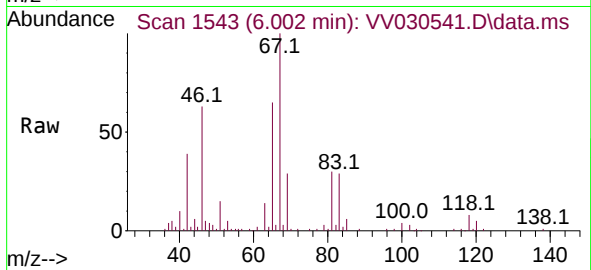
BHDY3

Tgt Ion: 63 Resp: 6350

Ion Ratio Lower Upper

63 100

112 1.1 3.9 5.9#



#47

Tetrachloroethene

Concen: 0.246 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030541.D

Acq: 13 Apr 2023 13:32

Tgt Ion:164 Resp: 2767

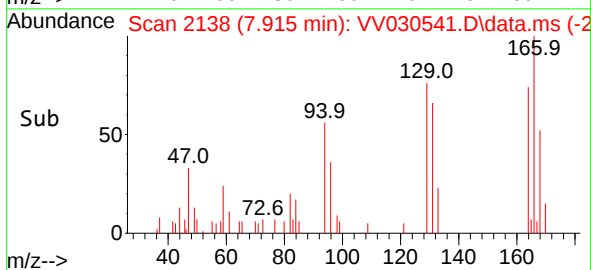
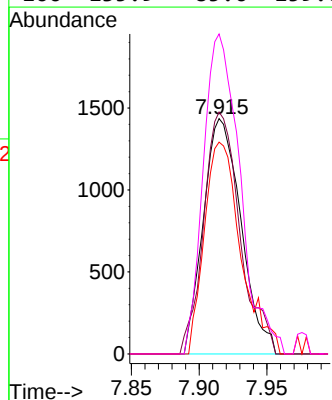
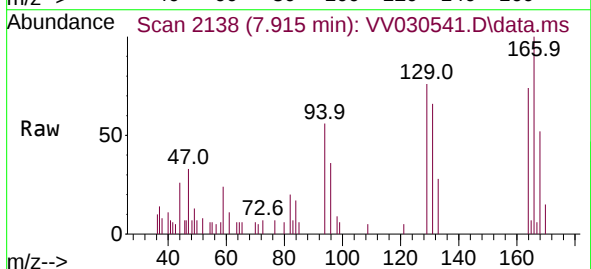
Ion Ratio Lower Upper

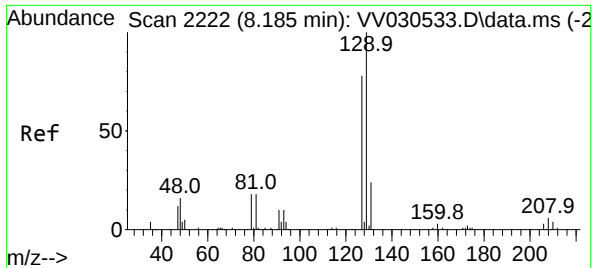
164 100

129 102.8 60.8 112.8

131 90.0 61.7 114.7

166 135.9 85.6 159.0





#49
 Dibromochloromethane
 Concen: 0.264 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. -0.270 min
 Lab File: VV030541.D
 Acq: 13 Apr 2023 13:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDY3

Tgt Ion:129 Resp: 2683
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#

