

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
 Data File : VV030936.D
 Acq On : 28 Apr 2023 21:25
 Operator : SY/MD
 Sample : 02551-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE77

Quant Time: Apr 29 01:14:30 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)

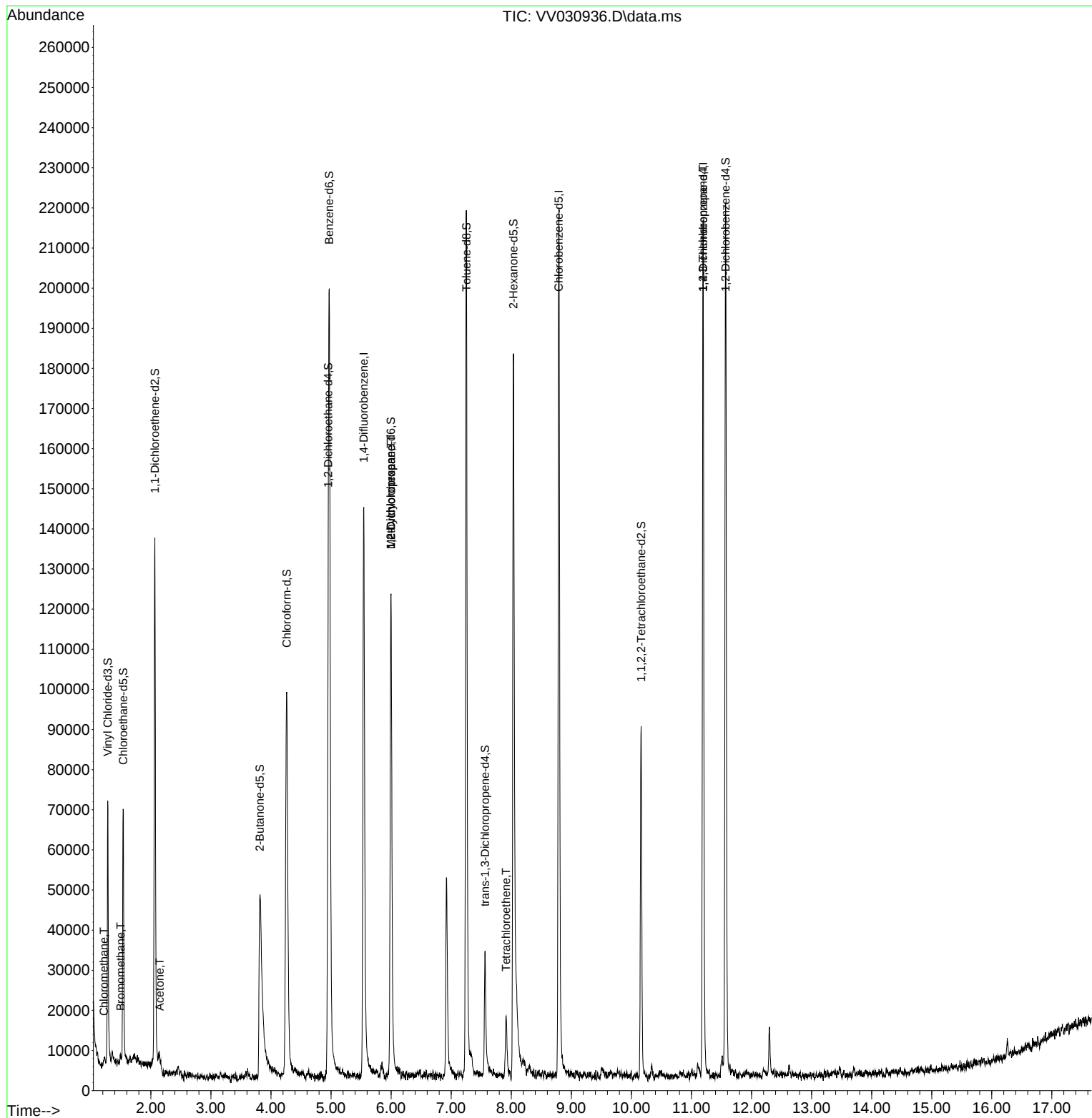
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122911	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	117690	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	42795	4.226	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.600%	
7) Chloroethane-d5	1.539	69	41645	5.041	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.066	65	22291	4.159	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.815	46	90315	50.294	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.580%	
24) Chloroform-d	4.262	84	98343	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	4.953	65	52628	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	4.970	84	171437	4.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	5.998	67	48884	4.873	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.252	98	145901	4.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.564	79	17557	4.669	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.037	63	61444	46.639	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.280%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36932	5.079	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.571	152	59843	5.416	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	1823	0.160	ug/L	99
6) Bromomethane	1.494	94	596	0.131	ug/L	91
13) Acetone	2.146	43	4215	2.748	ug/L	69
35) Methylcyclohexane	5.998	83	14057	1.149	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	6910	0.984	ug/L #	88
47) Tetrachloroethene	7.915	164	3826	0.508	ug/L	94
61) 1,2,3-Trichloropropane	11.191	75	6012	1.614	ug/L #	61

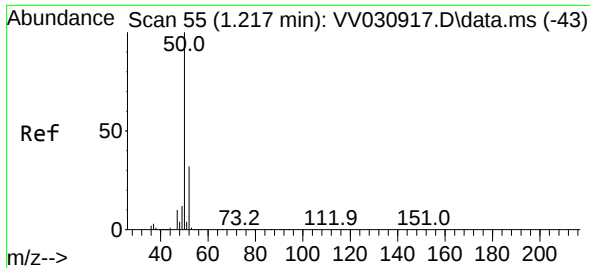
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

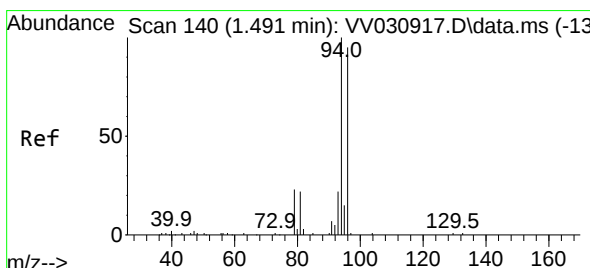
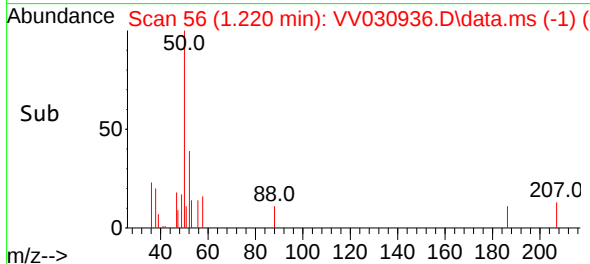
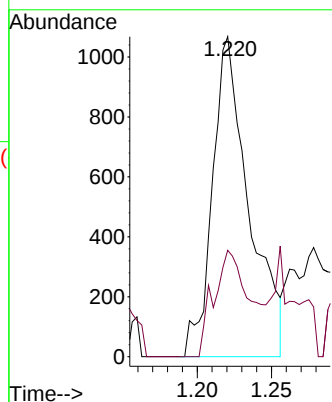
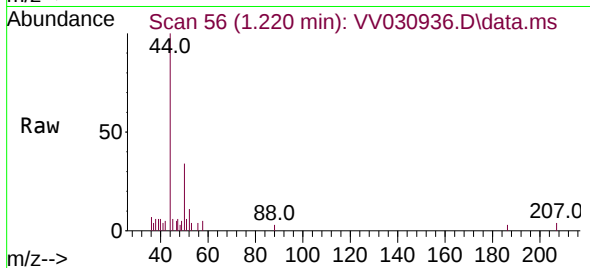




#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030936.D
Acq: 28 Apr 2023 21:25

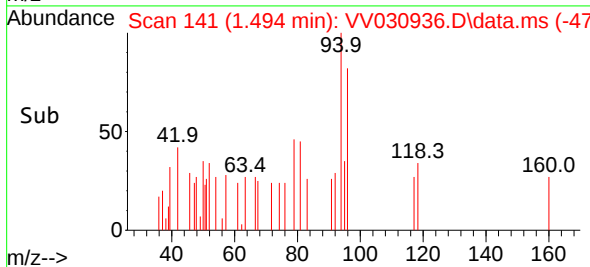
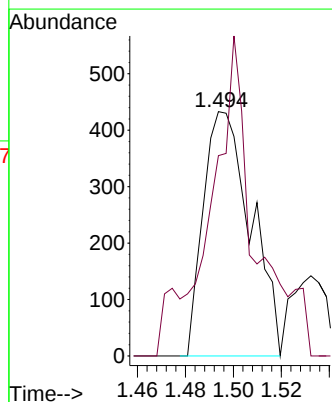
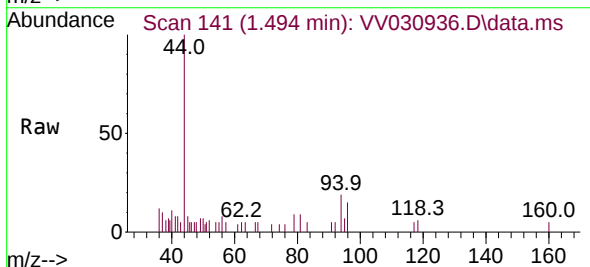
Instrument :
MSVOA_V
ClientSampleId :
BHE77

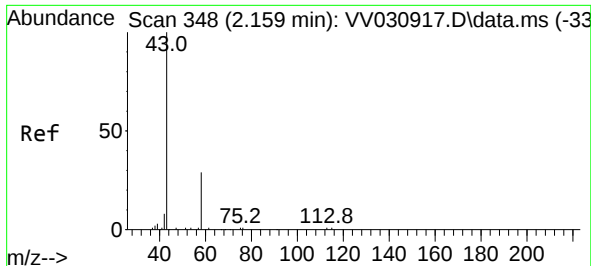
Tgt Ion: 50 Resp: 1823
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4



#6
Bromomethane
Concen: 0.131 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030936.D
Acq: 28 Apr 2023 21:25

Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 82.0 63.4 117.8





#13

Acetone

Concen: 2.748 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV030936.D

Acq: 28 Apr 2023 21:25

Instrument :

MSVOA_V

ClientSampleId :

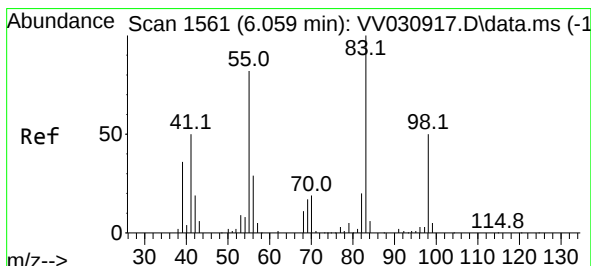
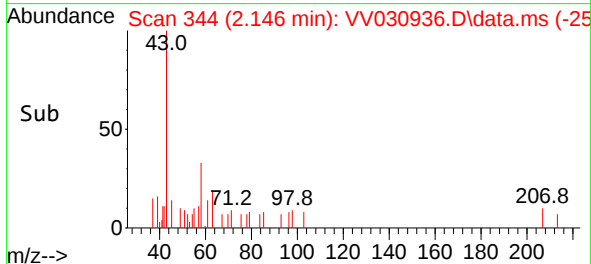
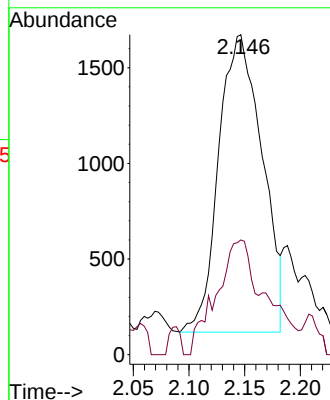
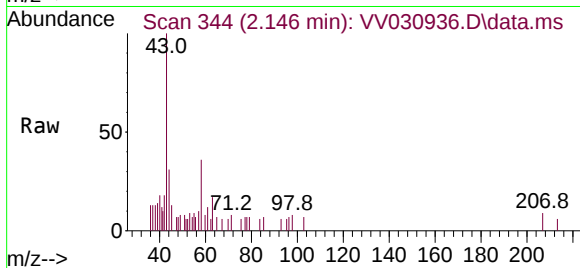
BHE77

Tgt Ion: 43 Resp: 4215

Ion Ratio Lower Upper

43 100

58 32.4 0.0 37.0



#35

Methylcyclohexane

Concen: 1.149 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030936.D

Acq: 28 Apr 2023 21:25

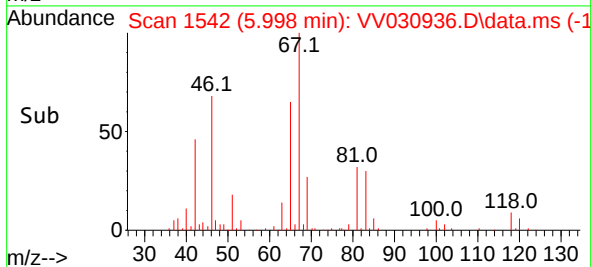
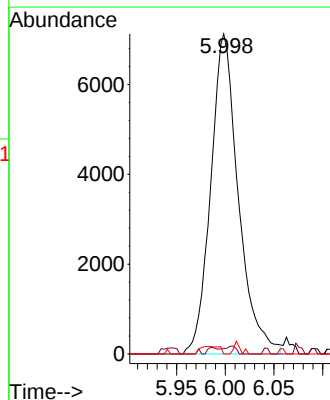
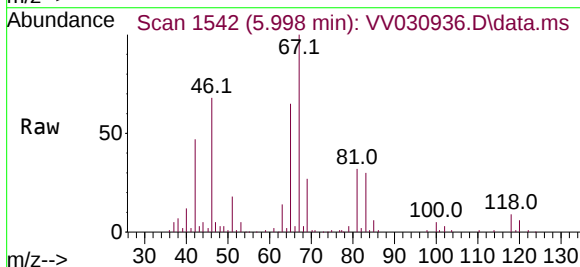
Tgt Ion: 83 Resp: 14057

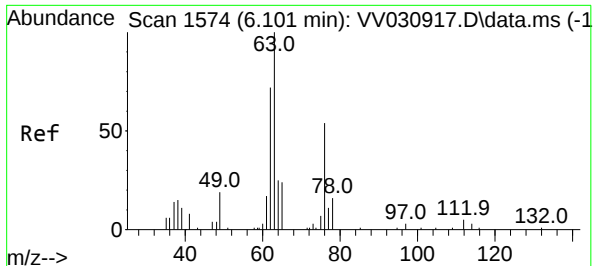
Ion Ratio Lower Upper

83 100

55 1.0 62.9 94.3#

98 0.9 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.984 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030936.D

Acq: 28 Apr 2023 21:25

Instrument :

MSVOA_V

ClientSampleId :

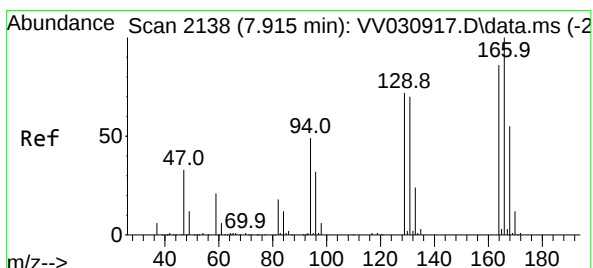
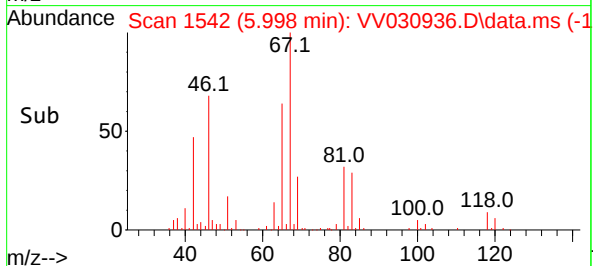
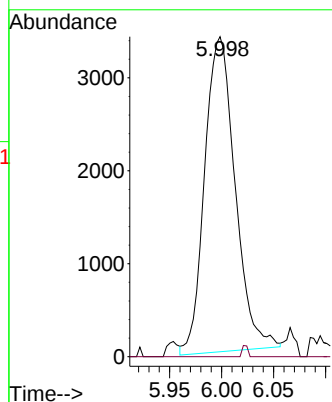
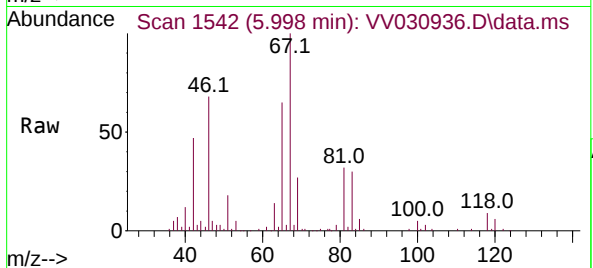
BHE77

Tgt Ion: 63 Resp: 6910

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.8#



#47

Tetrachloroethene

Concen: 0.508 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VV030936.D

Acq: 28 Apr 2023 21:25

Tgt Ion: 164 Resp: 3826

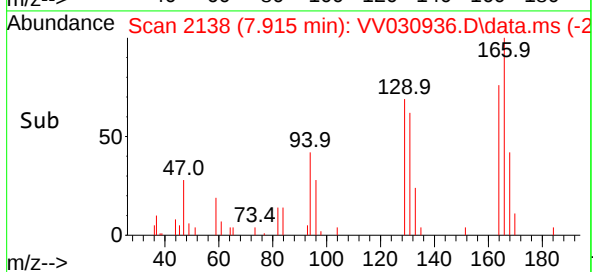
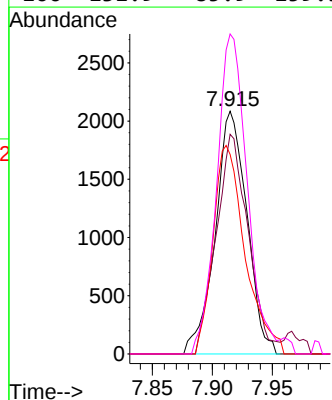
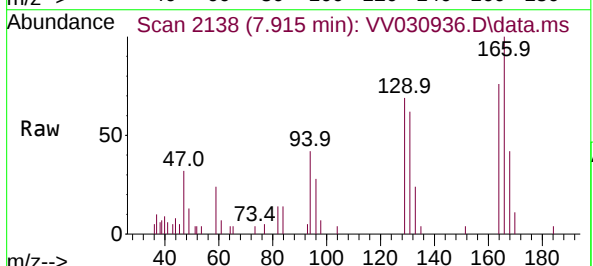
Ion Ratio Lower Upper

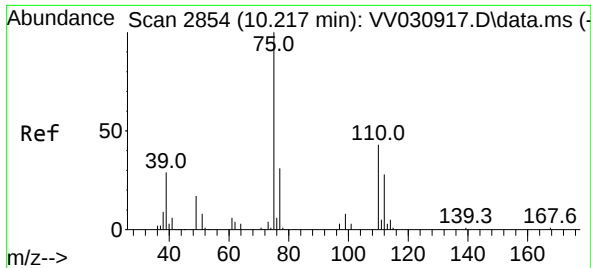
164 100

129 90.5 60.5 112.3

131 82.2 60.8 112.8

166 131.9 85.9 159.5





#61
 1,2,3-Trichloropropane
 Concen: 1.614 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030936.D
 Acq: 28 Apr 2023 21:25

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Tgt Ion: 75 Resp: 6012
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.3 37.9#
 110 5.2 34.0 51.0#

