

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030260.D
 Acq On : 20 Mar 2023 15:56
 Operator : SY/MD
 Sample : 01997-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD5

Quant Time: Mar 21 02:57:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

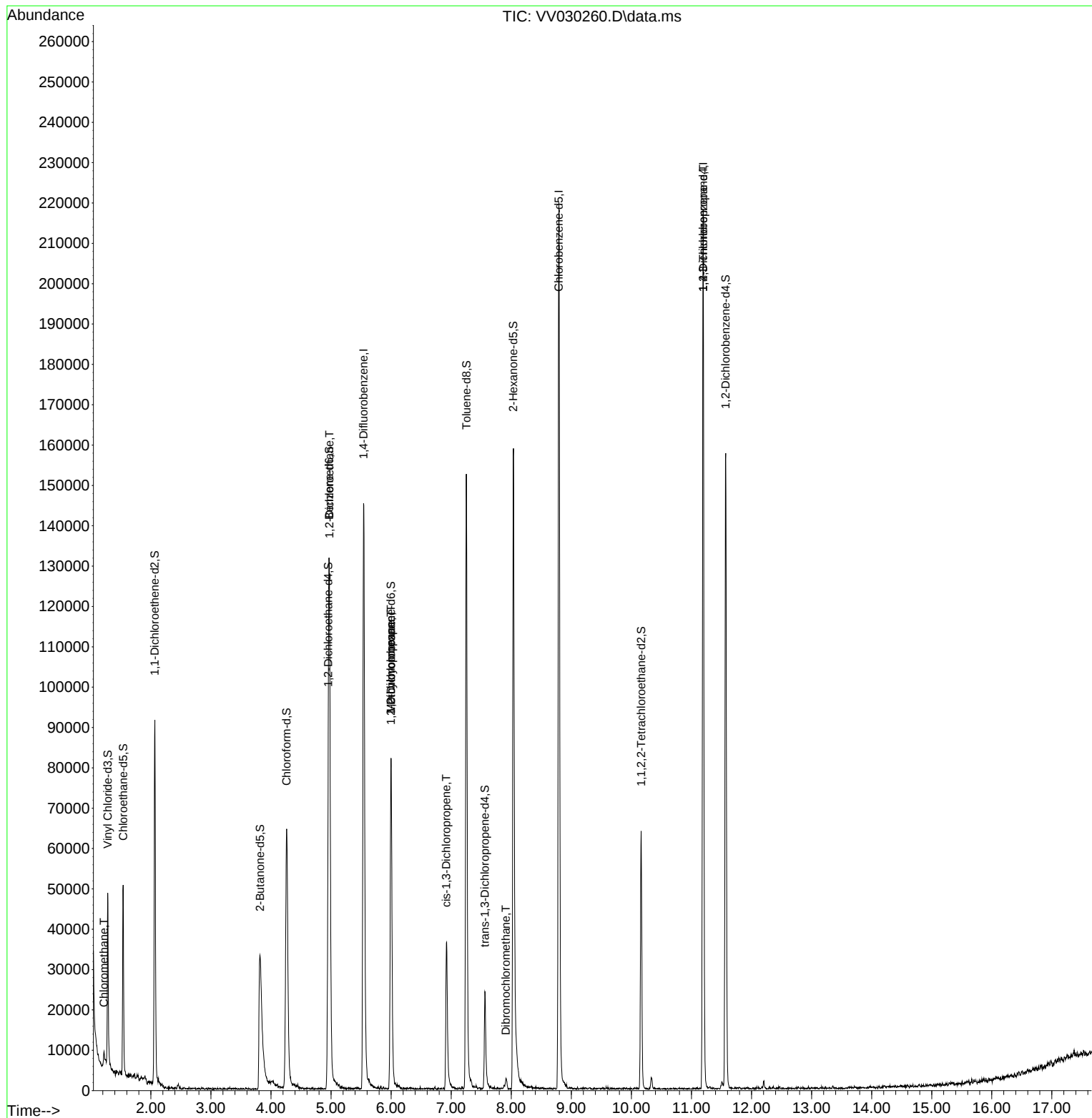
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126054	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	123595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27593	3.383	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.600%	
7) Chloroethane-d5	1.539	69	28442	3.715	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.200%	
11) 1,1-Dichloroethene-d2	2.066	63	47650	2.842	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.800%#	
20) 2-Butanone-d5	3.818	46	71513	47.555	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.120%	
24) Chloroform-d	4.259	84	67545	4.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.953	65	34233	5.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	4.970	84	116245	3.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.000%	
36) 1,2-Dichloropropane-d6	5.998	67	36067	3.605	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.000%	
41) Toluene-d8	7.252	98	102827	3.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.200%#	
43) trans-1,3-Dichloroprop...	7.561	79	13784	4.027	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.034	63	55155	38.947	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.900%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28198	3.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.200%	
66) 1,2-Dichlorobenzene-d4	11.571	152	40836	4.119	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	2418	0.150	ug/L	94
27) 1,2-Dichloroethane	4.973	62	970	0.119	ug/L #	71
35) Methylcyclohexane	5.998	83	9079	0.634	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	4917	0.573	ug/L #	86
39) cis-1,3-Dichloropropene	6.918	75	997	0.079	ug/L #	17
49) Dibromochloromethane	7.908	129	538	0.075	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	5983	1.526	ug/L #	63

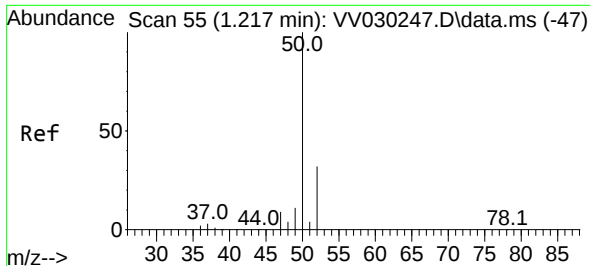
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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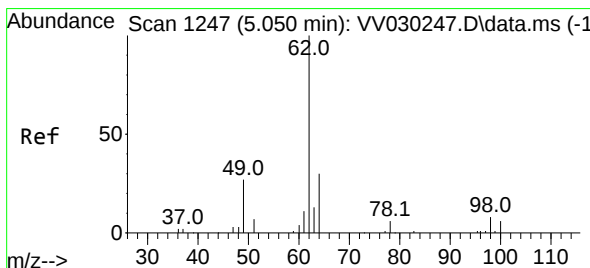
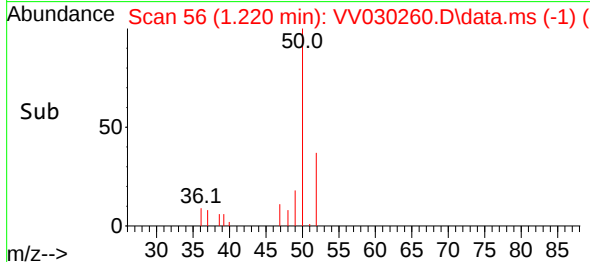
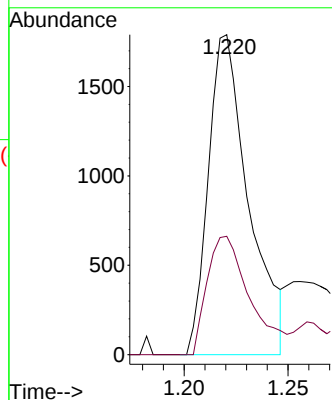
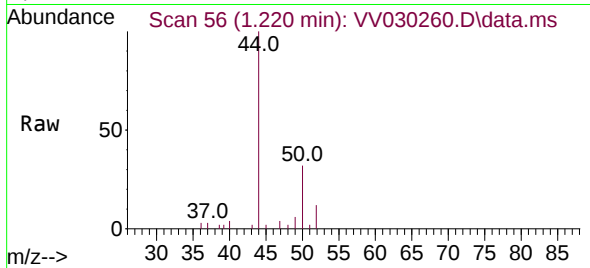




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030260.D
Acq: 20 Mar 2023 15:56

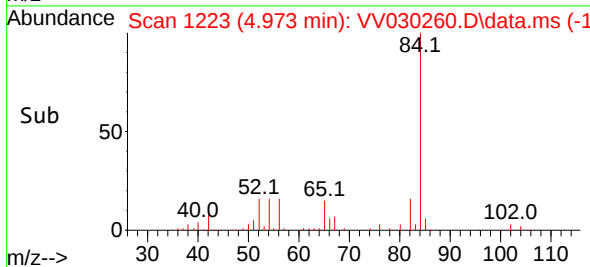
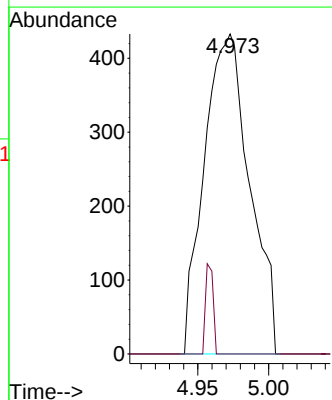
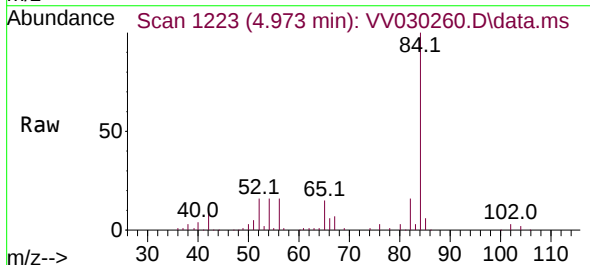
Instrument :
MSVOA_V
ClientSampleId :
C0BD5

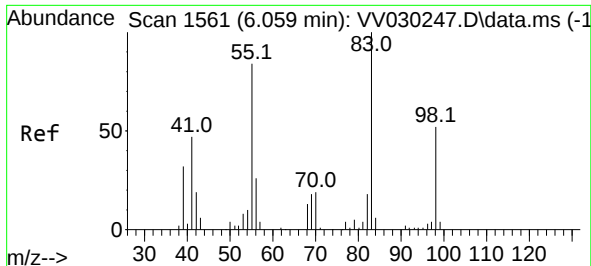
Tgt Ion: 50 Resp: 2418
Ion Ratio Lower Upper
50 100
52 37.0 23.6 43.8



#27
1,2-Dichloroethane
Concen: 0.119 ug/L
RT: 4.973 min Scan# 1223
Delta R.T. -0.077 min
Lab File: VV030260.D
Acq: 20 Mar 2023 15:56

Tgt Ion: 62 Resp: 970
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV030260.D

Acq: 20 Mar 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

C0BD5

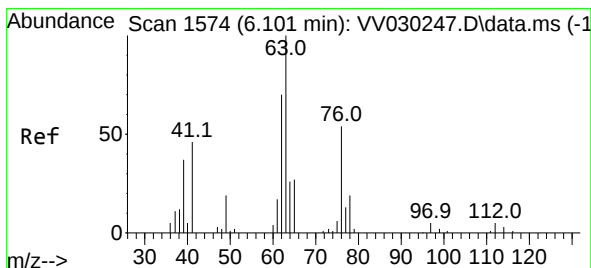
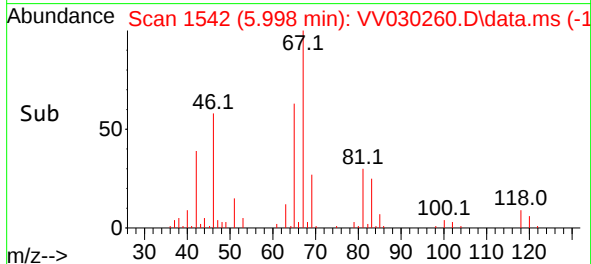
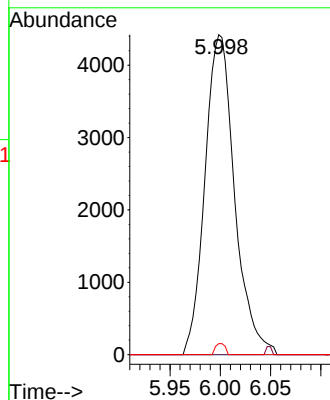
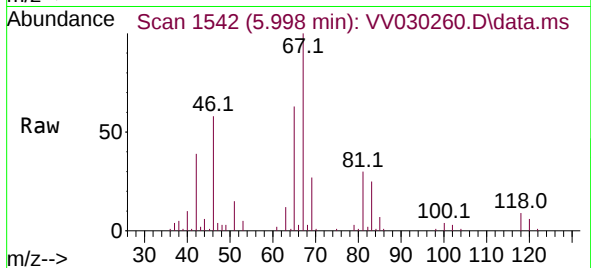
Tgt Ion: 83 Resp: 9079

Ion Ratio Lower Upper

83 100

55 0.5 57.6 86.4#

98 1.1 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.106 min

Lab File: VV030260.D

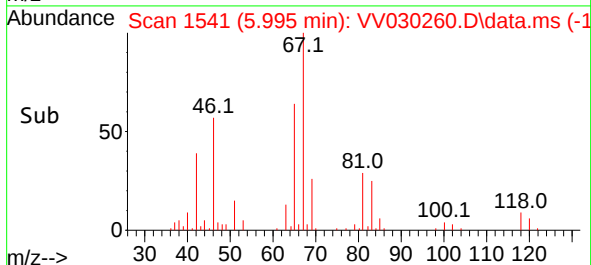
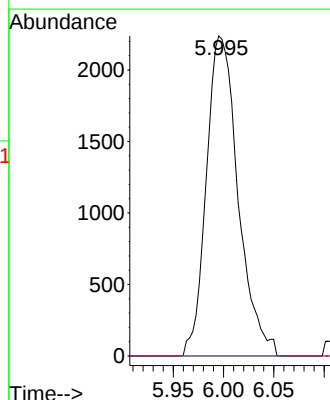
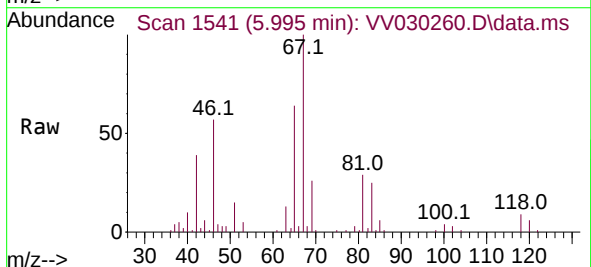
Acq: 20 Mar 2023 15:56

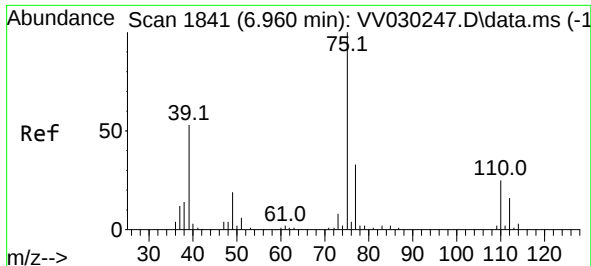
Tgt Ion: 63 Resp: 4917

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030260.D

Acq: 20 Mar 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

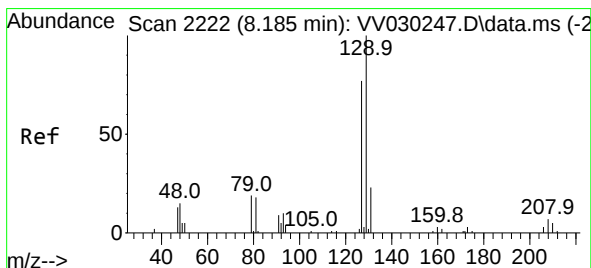
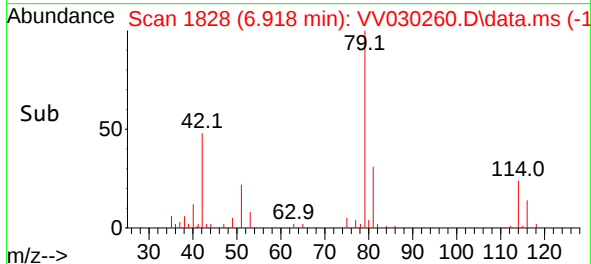
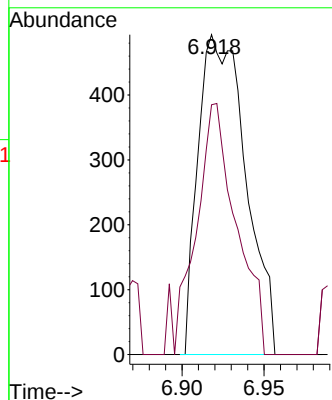
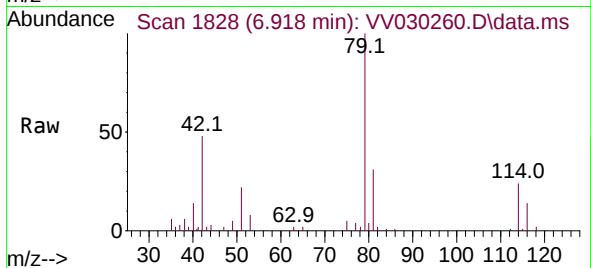
C0BD5

Tgt Ion: 75 Resp: 997

Ion Ratio Lower Upper

75 100

77 78.1 22.3 41.3#



#49

Dibromochloromethane

Concen: 0.075 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.276 min

Lab File: VV030260.D

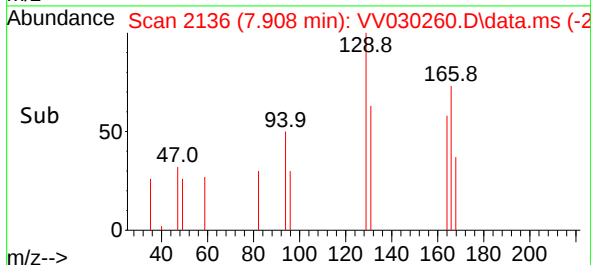
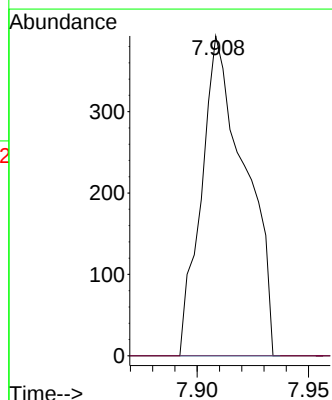
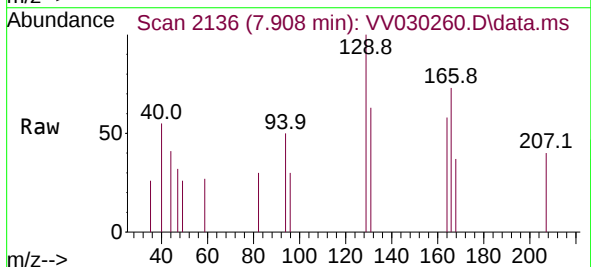
Acq: 20 Mar 2023 15:56

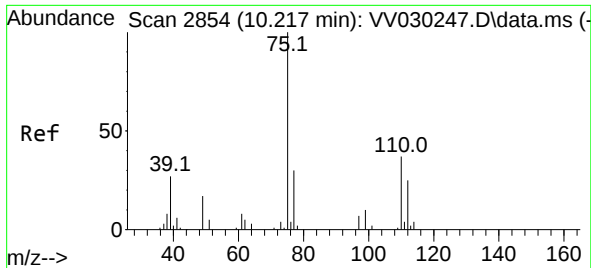
Tgt Ion: 129 Resp: 538

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.526 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030260.D
 Acq: 20 Mar 2023 15:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD5

Tgt Ion: 75 Resp: 5983
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.5 39.7
 110 3.0 31.8 47.6#

