

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102323\
 Data File : VV032570.D
 Acq On : 23 Oct 2023 15:06
 Operator : SY/MD
 Sample : 04993-16DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:47:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

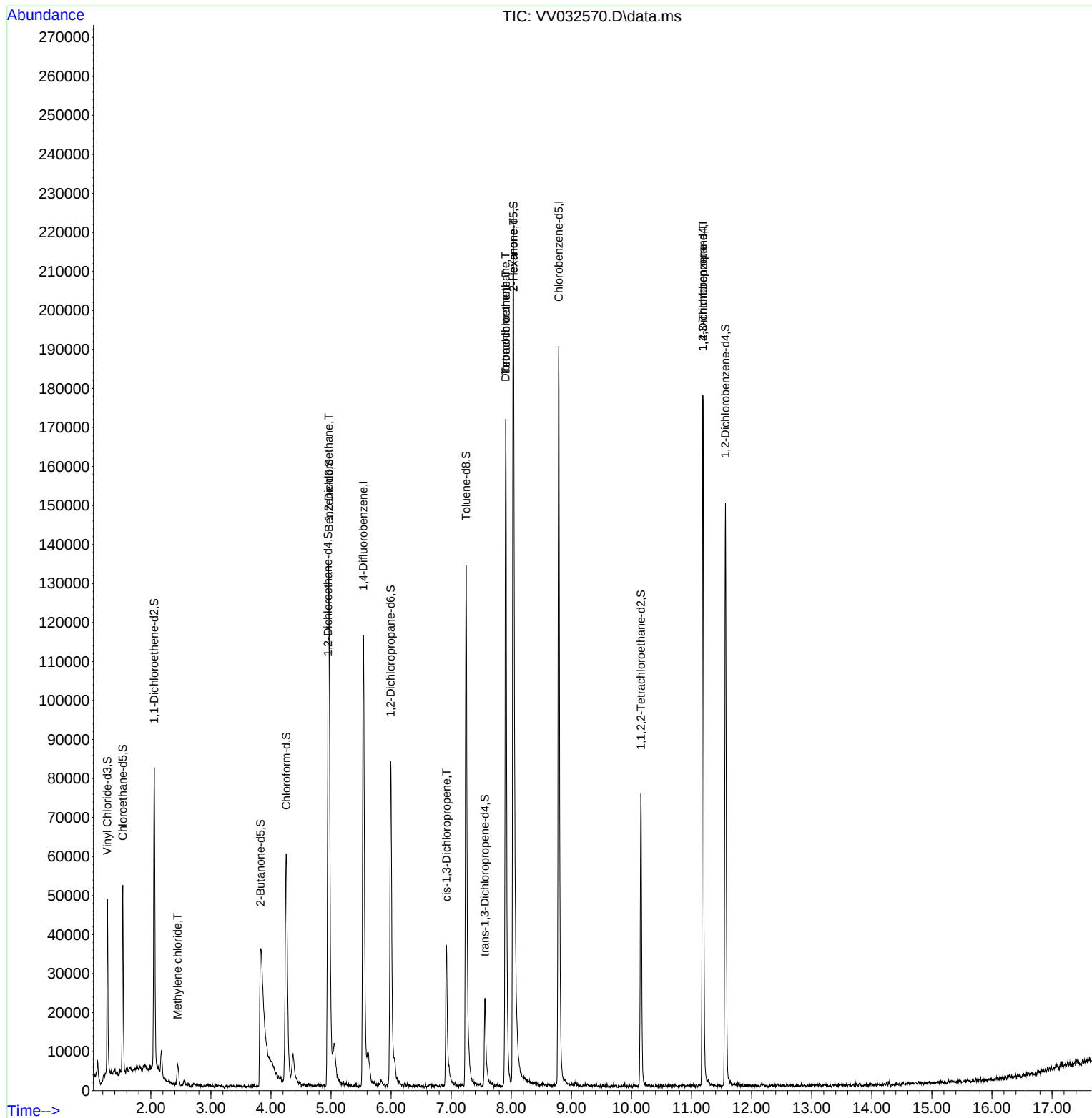
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98877	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	29666	3.689	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.532	69	29800	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.056	65	13180	3.886	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.800%	
20) 2-Butanone-d5	3.825	46	100736	49.520	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.040%	
24) Chloroform-d	4.256	84	62688	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	4.947	65	34783	5.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	4.963	84	115612	3.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.000%	
36) 1,2-Dichloropropane-d6	5.992	67	43281	4.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.246	98	94840	3.321	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	7.558	79	14671	4.001	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.034	63	86039	49.870	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.740%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36001	4.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	37846	4.564	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.445	84	2032	0.215	ug/L	90
27) 1,2-Dichloroethane	4.960	62	877	0.097	ug/L #	73
39) cis-1,3-Dichloropropene	6.918	75	1178	0.083	ug/L #	64
47) Tetrachloroethene	7.908	164	38632	4.994	ug/L	97
48) 2-Hexanone	8.034	43	12557	2.814	ug/L #	70
49) Dibromochloromethane	7.905	129	35739	4.869	ug/L #	8
61) 1,2,3-Trichloropropane	11.188	75	6086	1.279	ug/L #	66

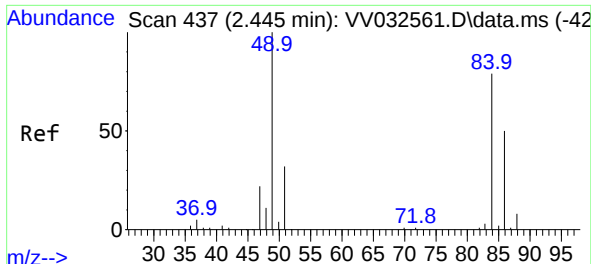
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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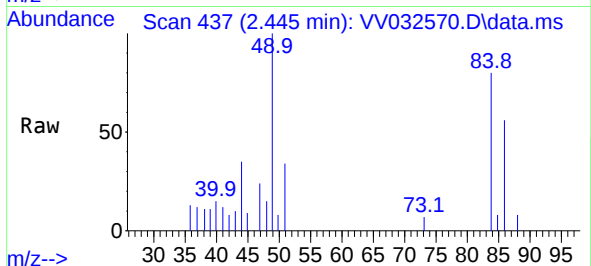
Quant Time: Oct 24 04:47:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 21 02:44:24 2023
Response via : Initial Calibration



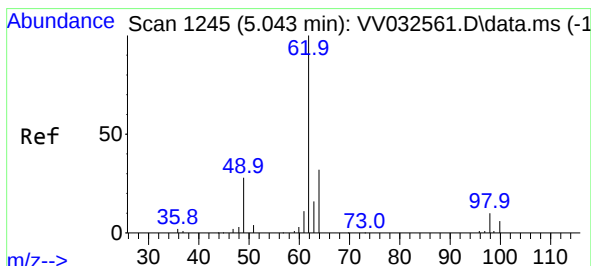
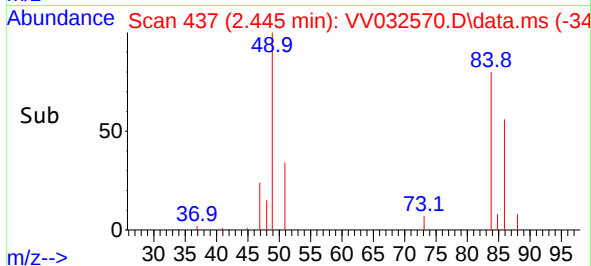
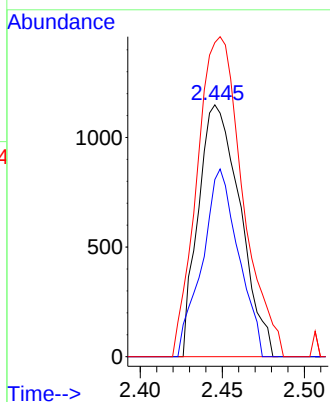


#16
Methylene chloride
Concen: 0.215 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV032570.D
Acq: 23 Oct 2023 15:06

Instrument :
MSVOA_V
ClientSampleId :

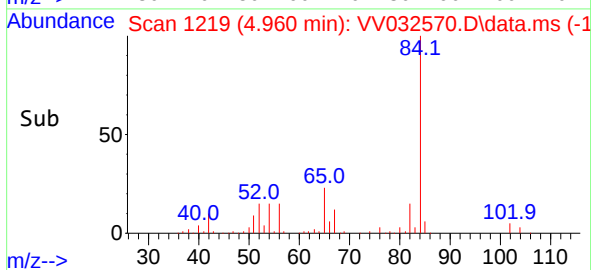
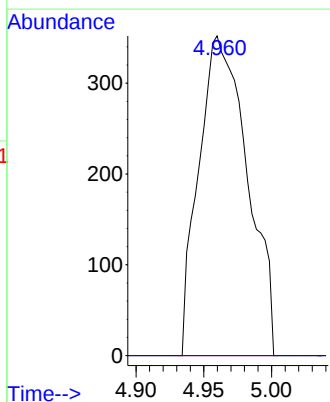
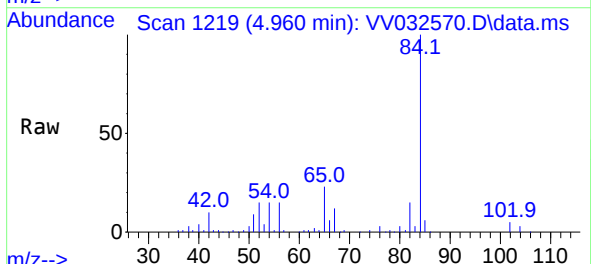


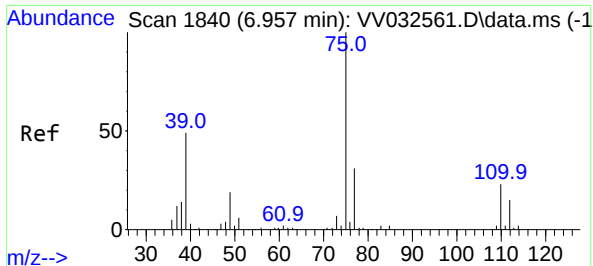
Tgt Ion: 84 Resp: 2032
Ion Ratio Lower Upper
84 100
86 70.3 43.2 80.2
49 134.6 86.3 160.3



#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 4.960 min Scan# 1219
Delta R.T. -0.087 min
Lab File: VV032570.D
Acq: 23 Oct 2023 15:06

Tgt Ion: 62 Resp: 877
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.918 min Scan# 1178

Delta R.T. -0.042 min

Lab File: VV032570.D

Acq: 23 Oct 2023 15:06

Instrument :

MSVOA_V

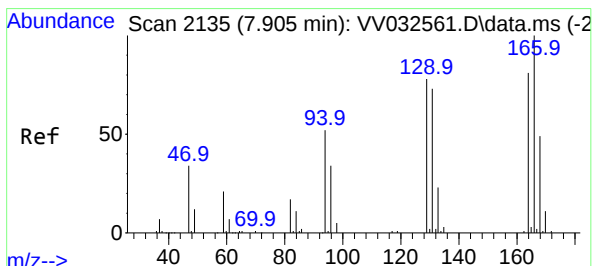
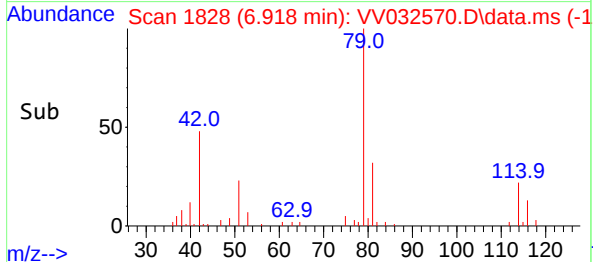
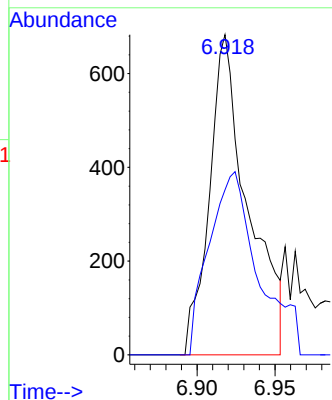
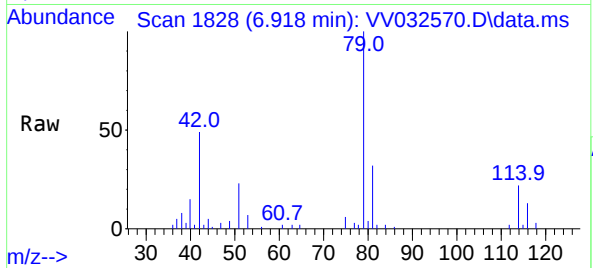
ClientSampleId :

Tgt Ion: 75 Resp: 1178

Ion Ratio Lower Upper

75 100

77 51.5 22.2 41.2#



#47

Tetrachloroethene

Concen: 4.994 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032570.D

Acq: 23 Oct 2023 15:06

Tgt Ion:164 Resp: 38632

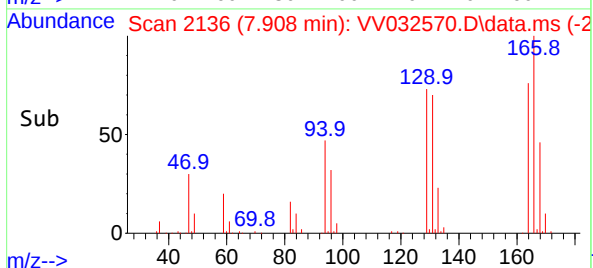
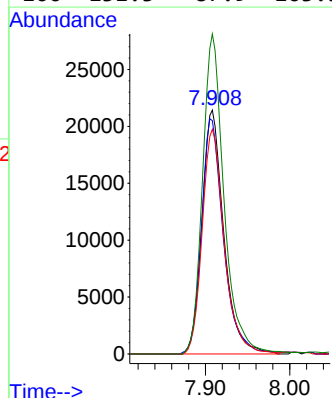
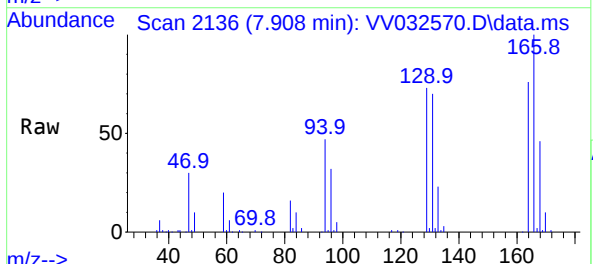
Ion Ratio Lower Upper

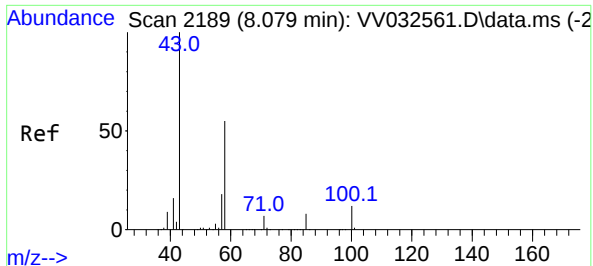
164 100

129 95.7 66.4 123.4

131 92.2 63.7 118.3

166 131.3 87.9 163.3





#48

2-Hexanone

Concen: 2.814 ug/L

RT: 8.034 min Scan# 2189

Delta R.T. -0.048 min

Lab File: VV032570.D

Acq: 23 Oct 2023 15:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 12557

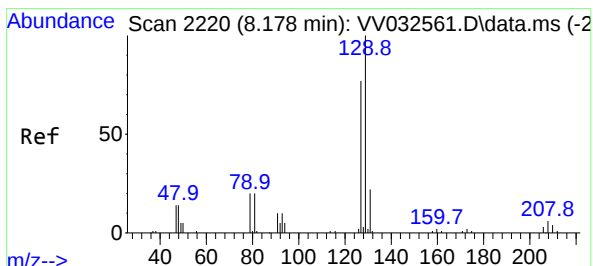
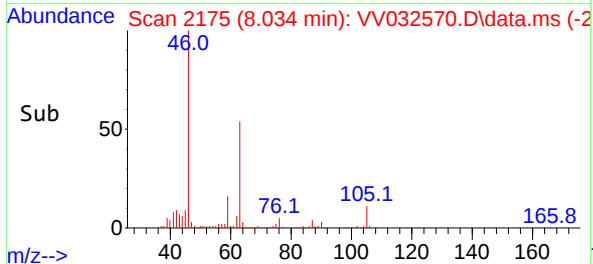
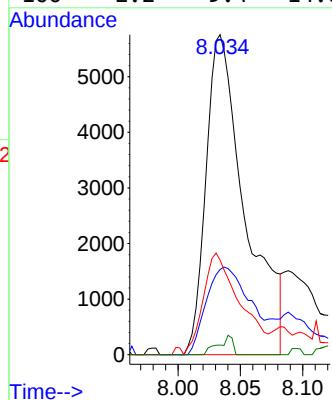
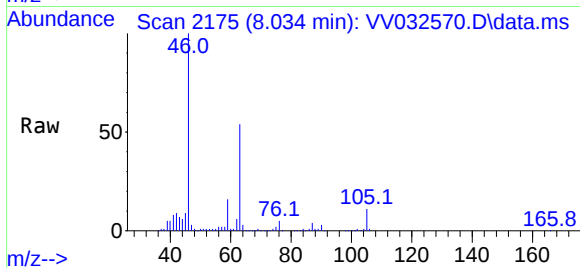
Ion Ratio Lower Upper

43 100

58 31.1 43.6 65.4#

57 30.1 14.6 22.0#

100 2.2 9.4 14.0#



#49

Dibromochloromethane

Concen: 4.869 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.273 min

Lab File: VV032570.D

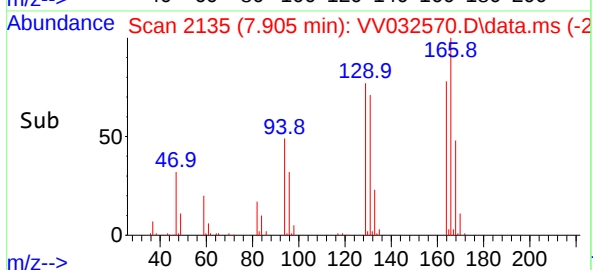
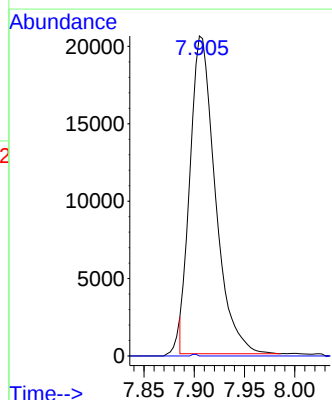
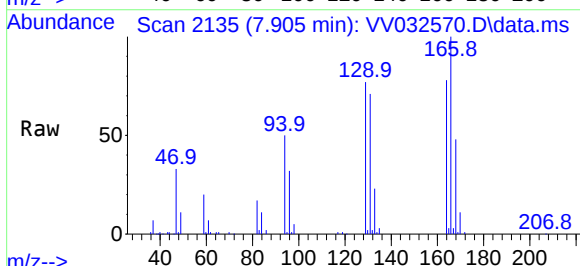
Acq: 23 Oct 2023 15:06

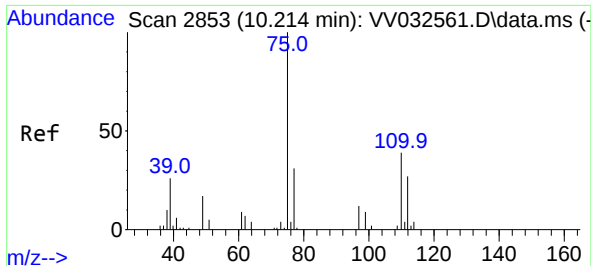
Tgt Ion: 129 Resp: 35739

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#





#61

1,2,3-Trichloropropane

Concen: 1.279 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.974 min

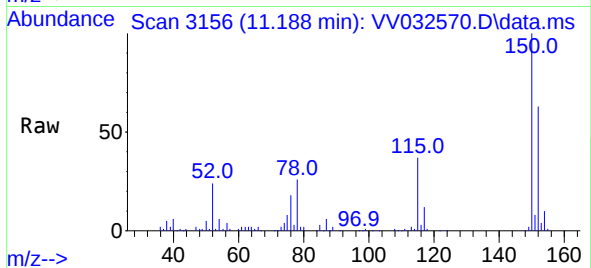
Lab File: VV032570.D

Acq: 23 Oct 2023 15:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6086

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

110 2.4 30.6 46.0#

