

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091123\
 Data File : VW032036.D
 Acq On : 11 Sep 2023 19:10
 Operator : SY/MD
 Sample : 04306-16 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:02:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

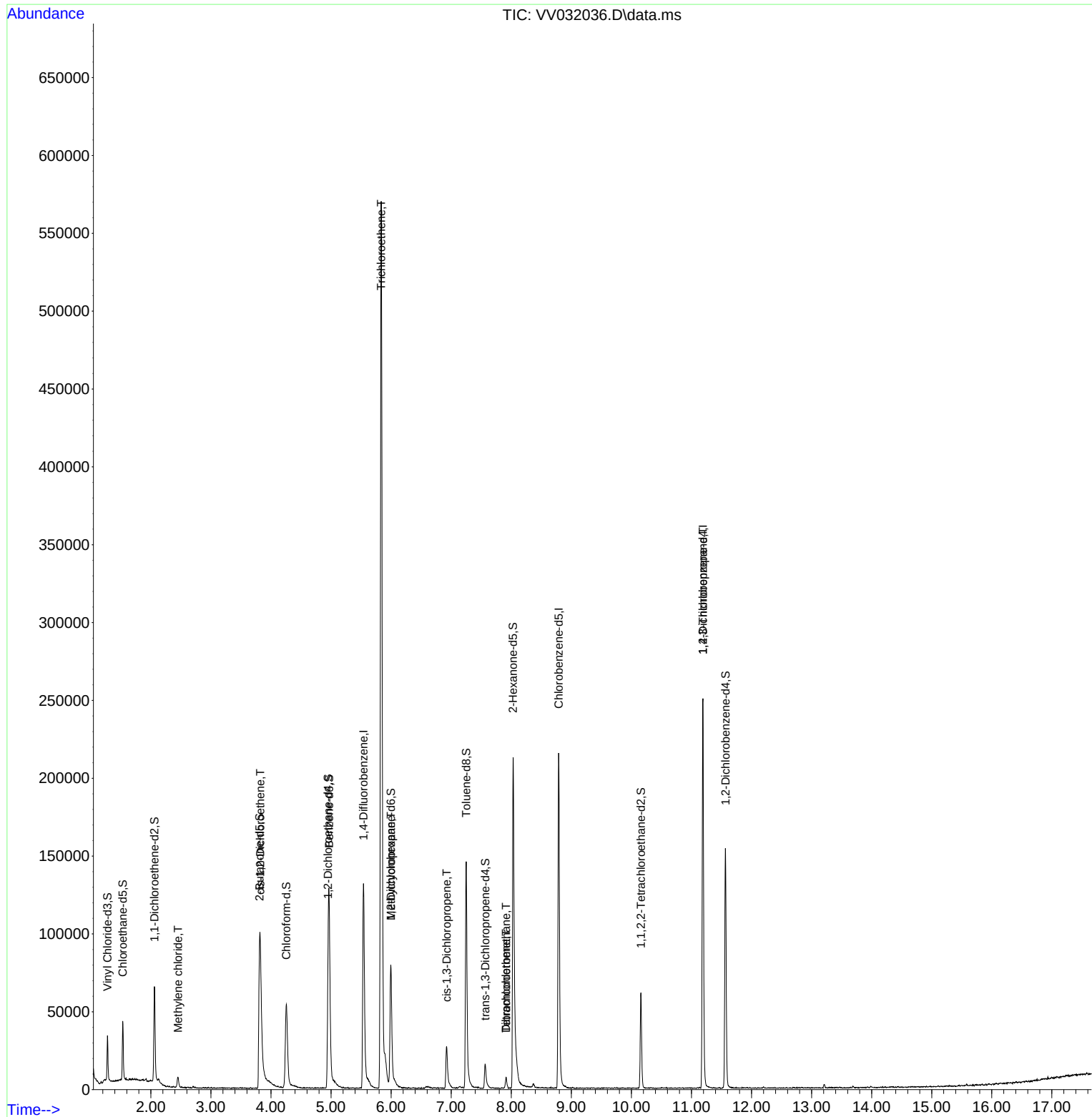
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	62560	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18571	4.859	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.532	69	24132	5.511	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.060	65	11045	4.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.200%	
20) 2-Butanone-d5	3.809	46	107679	58.196	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.400%	
24) Chloroform-d	4.256	84	57529	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	4.950	65	31150	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	4.966	84	114744	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	5.995	67	40150	4.266	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.249	98	100290	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	7.567	79	10637	3.100	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.000%	
46) 2-Hexanone-d5	8.030	63	80081	43.770	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.540%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31075	4.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	37872	3.738	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	74.800%#	
Target Compounds						Qvalue
16) Methylene chloride	2.452	84	2548	0.308	ug/L	84
22) cis-1,2-Dichloroethene	3.822	96	28381	4.266	ug/L	99
34) Trichloroethene	5.834	95	214567	27.176	ug/L	98
35) Methylcyclohexane	5.995	83	9005	0.784	ug/L #	19
39) cis-1,3-Dichloropropene	6.924	75	782	0.069	ug/L #	73
47) Tetrachloroethene	7.915	164	1657	0.329	ug/L	92
49) Dibromochloromethane	7.915	129	1690	0.304	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	8948	1.942	ug/L #	68

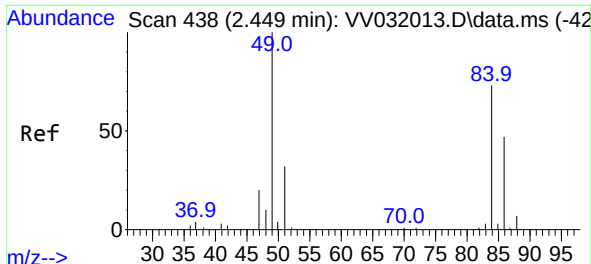
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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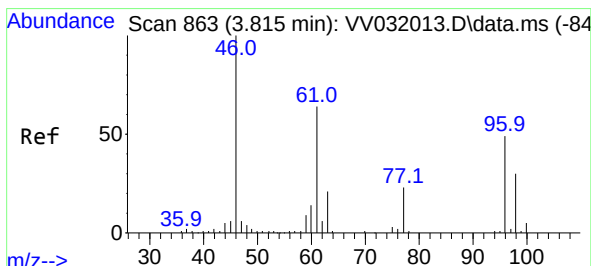
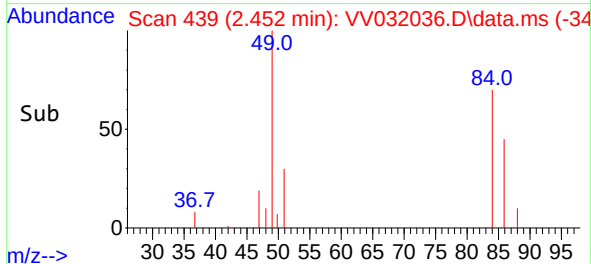
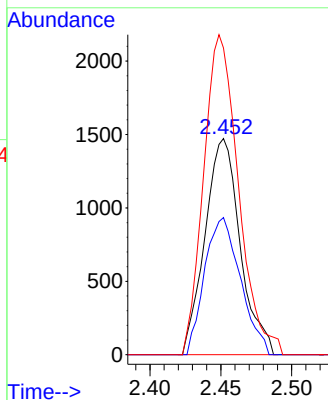
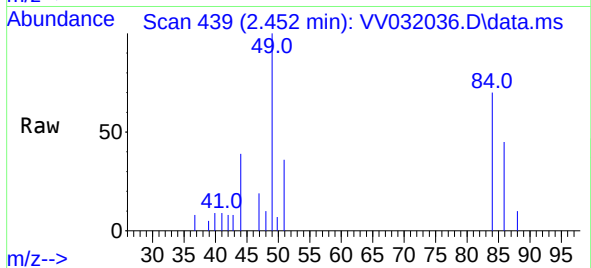




#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032036.D
Acq: 11 Sep 2023 19:10

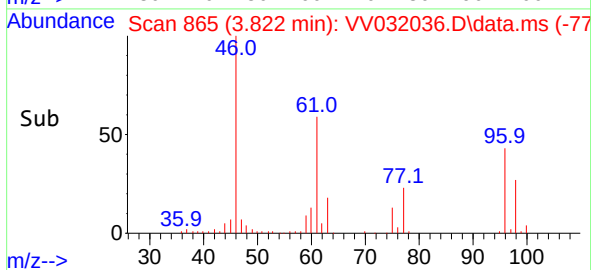
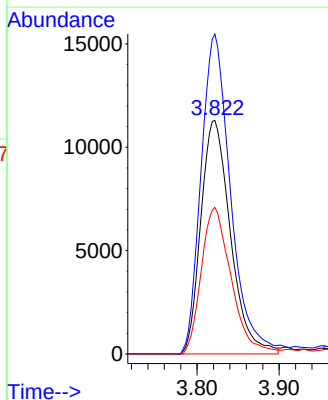
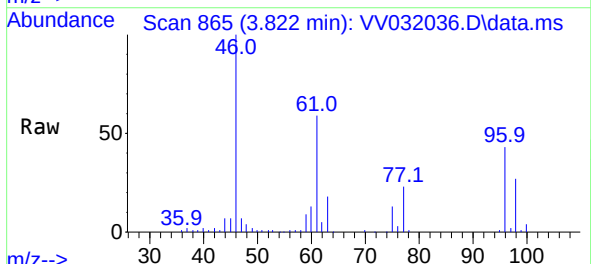
Instrument :
MSVOA_V
ClientSampleId :

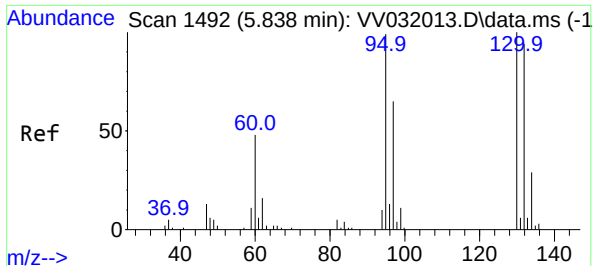
Tgt Ion: 84 Resp: 2548
Ion Ratio Lower Upper
84 100
86 63.4 42.6 79.2
49 152.0 88.5 164.4



#22
cis-1,2-Dichloroethene
Concen: 4.266 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV032036.D
Acq: 11 Sep 2023 19:10

Tgt Ion: 96 Resp: 28381
Ion Ratio Lower Upper
96 100
61 137.0 94.1 174.8
98 62.7 43.8 81.4





#34

Trichloroethene

Concen: 27.176 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 214567

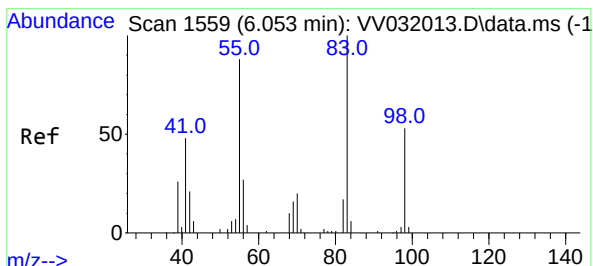
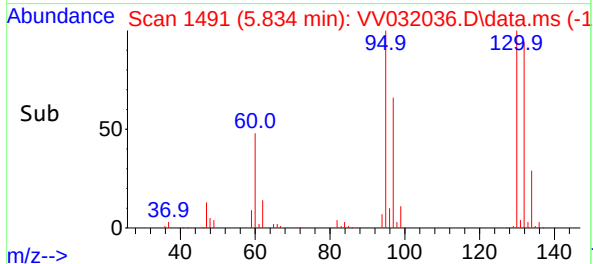
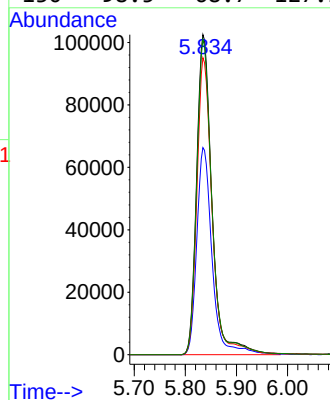
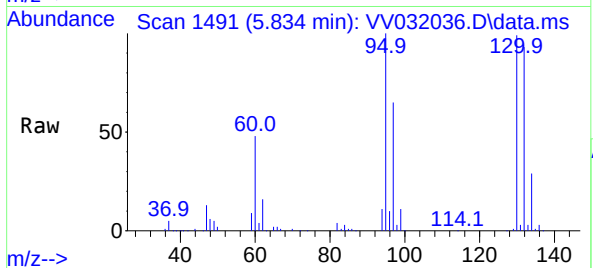
Ion Ratio Lower Upper

95 100

97 64.7 47.7 88.7

132 92.8 63.8 118.4

130 98.5 68.7 127.5



#35

Methylcyclohexane

Concen: 0.784 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

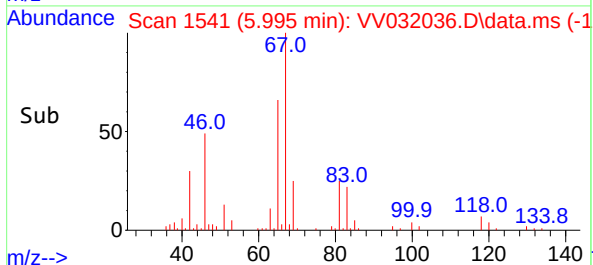
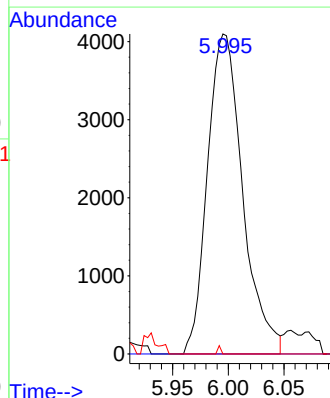
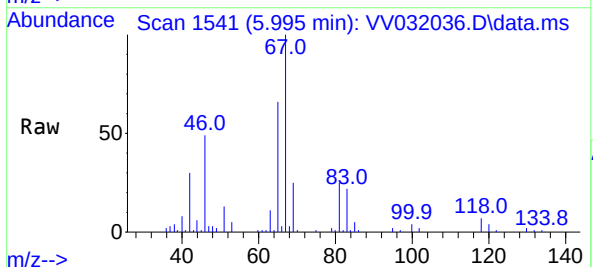
Tgt Ion: 83 Resp: 9005

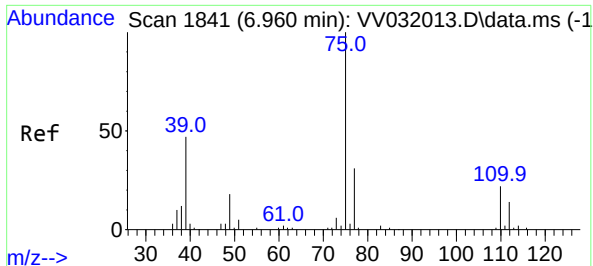
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 2.5 37.8 56.8#





#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Instrument :

MSVOA_V

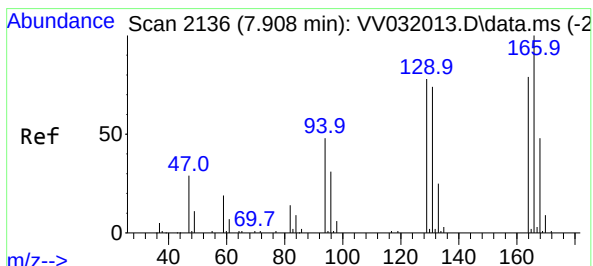
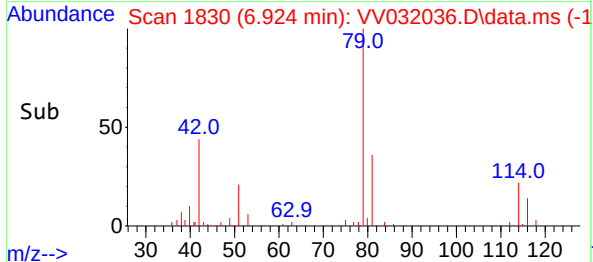
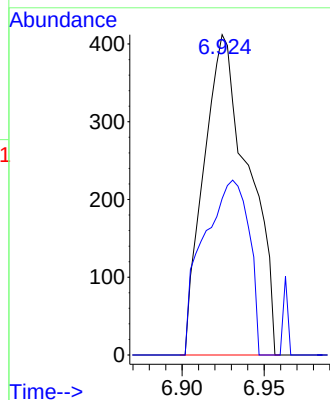
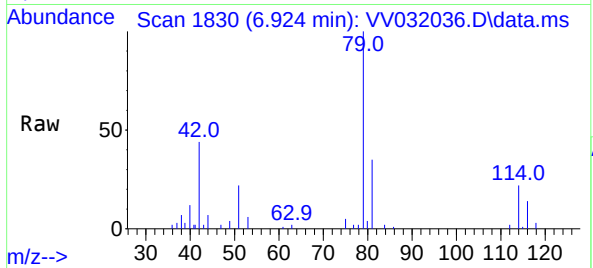
ClientSampleId :

Tgt Ion: 75 Resp: 782

Ion Ratio Lower Upper

75 100

77 48.8 23.2 43.2#



#47

Tetrachloroethene

Concen: 0.329 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.007 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Tgt Ion:164 Resp: 1657

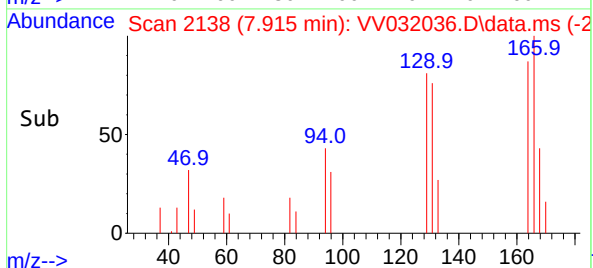
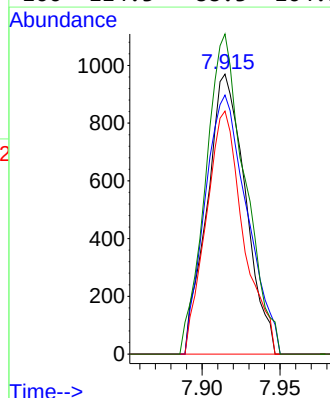
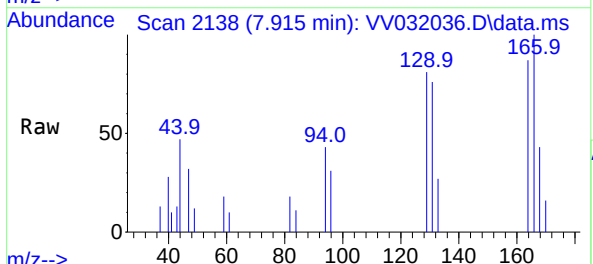
Ion Ratio Lower Upper

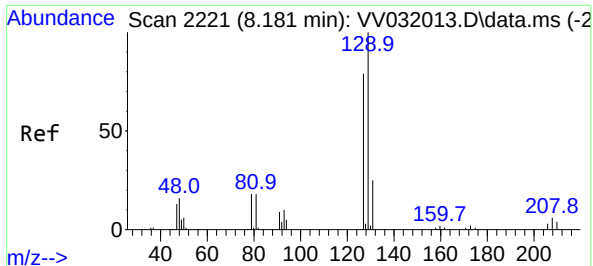
164 100

129 92.5 70.6 131.2

131 86.8 64.6 120.0

166 114.3 88.3 164.1





#49

Dibromochloromethane

Concen: 0.304 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.267 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Instrument :

MSVOA_V

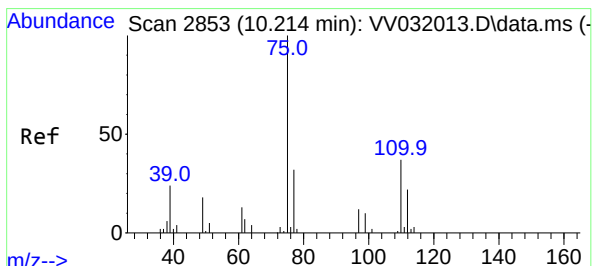
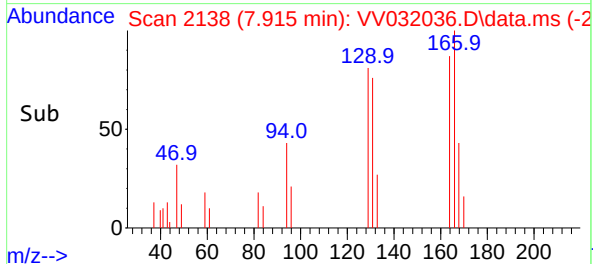
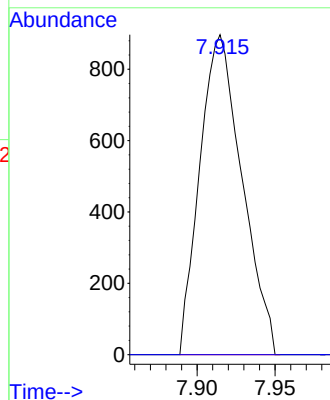
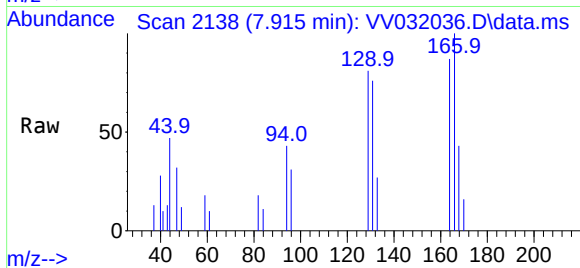
ClientSampleId :

Tgt Ion:129 Resp: 1690

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 1.942 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Tgt Ion: 75 Resp: 8948

Ion Ratio Lower Upper

75 100

77 34.1 28.8 43.2

110 1.9 30.2 45.2#

