

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038003.D
 Acq On : 11 Nov 2024 18:05
 Operator : SY/MD
 Sample : P4749-12DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:42:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

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

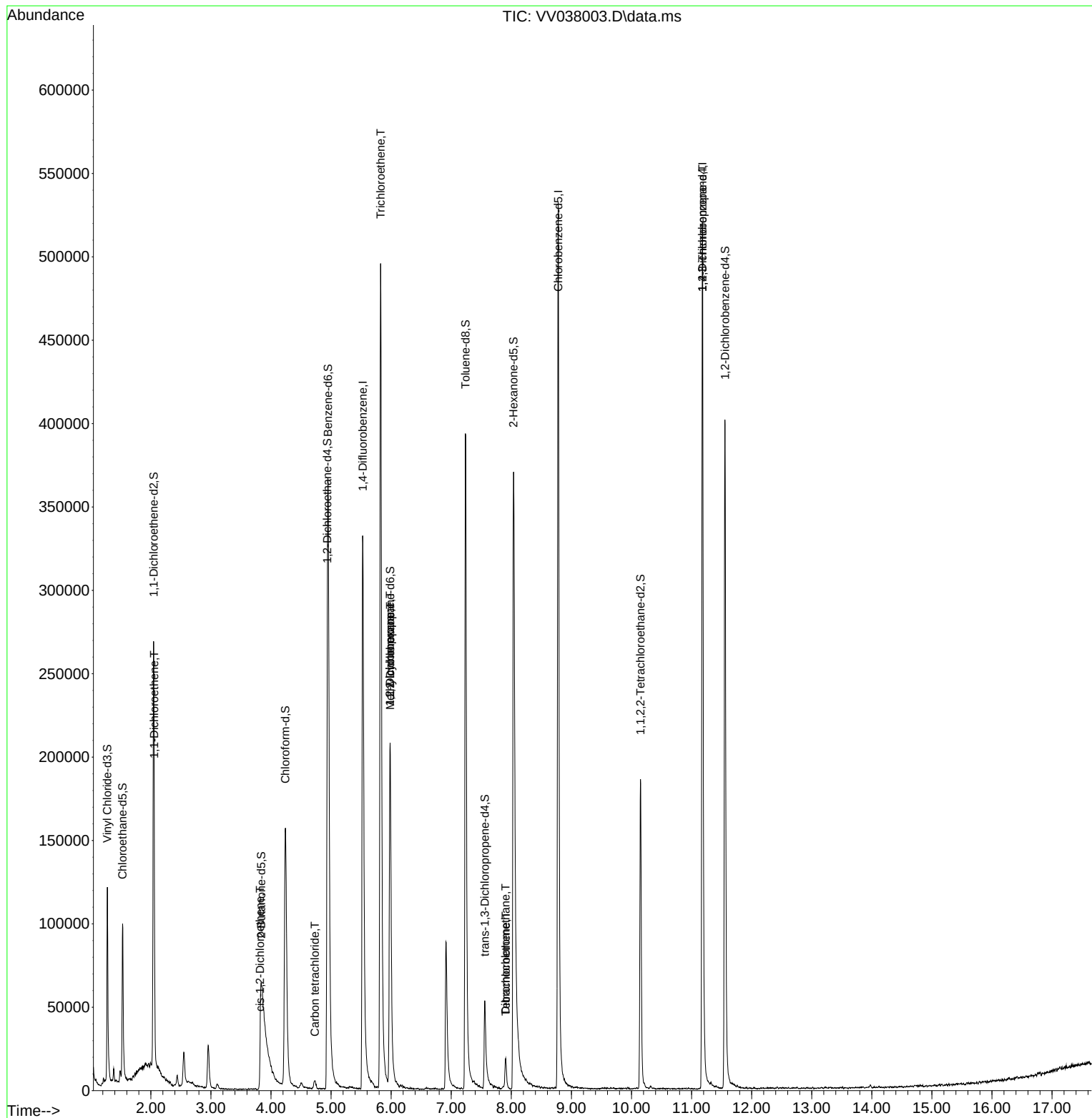
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	318381	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	320999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87258	3.581	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	71.600%		
7) Chloroethane-d5	1.529	69	70367	3.543	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	70.800%		
11) 1,1-Dichloroethene-d2	2.047	65	40589	3.838	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	76.800%		
20) 2-Butanone-d5	3.838	46	211190	46.496	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	93.000%		
24) Chloroform-d	4.239	84	183403	4.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.600%		
26) 1,2-Dichloroethane-d4	4.937	65	91619	4.615	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.200%		
32) Benzene-d6	4.950	84	351818	4.250	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.000%		
36) 1,2-Dichloropropane-d6	5.982	67	110202	4.559	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.200%		
41) Toluene-d8	7.236	98	285761	3.841	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.800%		
43) trans-1,3-Dichloroprop...	7.558	79	38401	4.108	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.200%		
46) 2-Hexanone-d5	8.037	63	178747	49.207	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery =	98.420%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99248	5.092	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.800%		
66) 1,2-Dichlorobenzene-d4	11.557	152	119192	4.837	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.800%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.056	96	6885	0.317	ug/L #	1
22) cis-1,2-Dichloroethene	3.815	96	5190	0.210	ug/L	91
31) Carbon tetrachloride	4.728	117	3812	0.113	ug/L	94
34) Trichloroethene	5.825	95	186720	7.644	ug/L	96
35) Methylcyclohexane	5.985	83	27420	0.753	ug/L #	20
37) 1,2-Dichloropropane	5.979	63	11298	0.512	ug/L #	86
47) Tetrachloroethene	7.908	164	4887	0.257	ug/L	89
49) Dibromochloromethane	7.905	129	4070	0.213	ug/L #	12
61) 1,2,3-Trichloropropane	11.181	75	17483	1.497	ug/L #	64

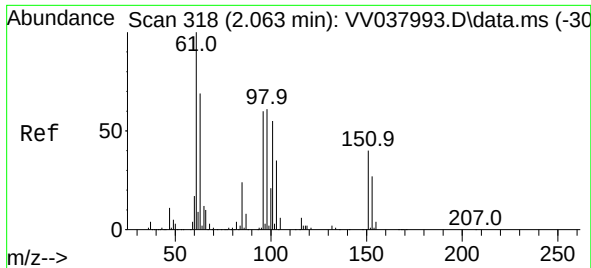
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.317 ug/L

RT: 2.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV038003.D

Acq: 11 Nov 2024 18:05

Instrument :

MSVOA_V

ClientSampleId :

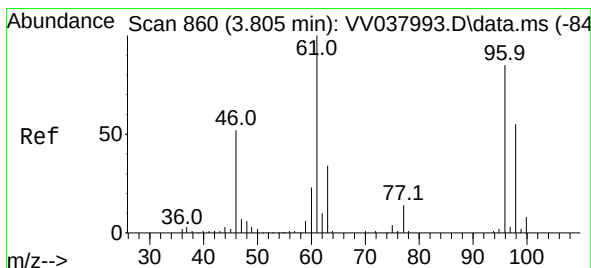
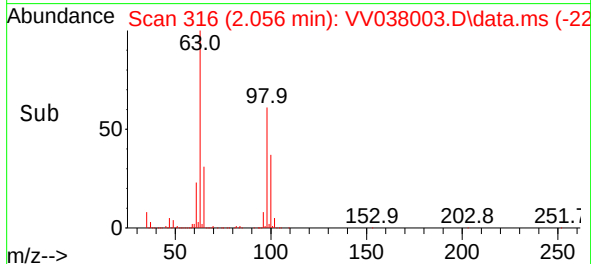
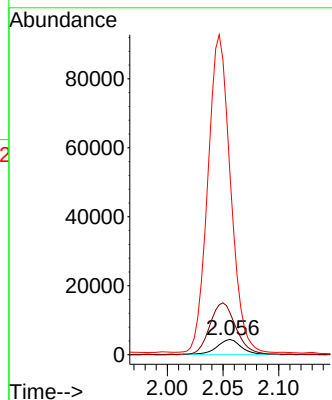
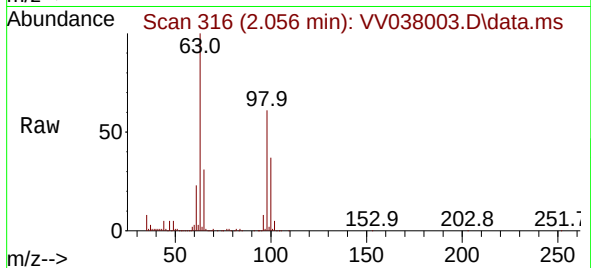
Tgt Ion: 96 Resp: 6885

Ion Ratio Lower Upper

96 100

61 276.1 117.4 218.0#

63 1191.5 91.7 170.3#



#22

cis-1,2-Dichloroethene

Concen: 0.210 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.010 min

Lab File: VV038003.D

Acq: 11 Nov 2024 18:05

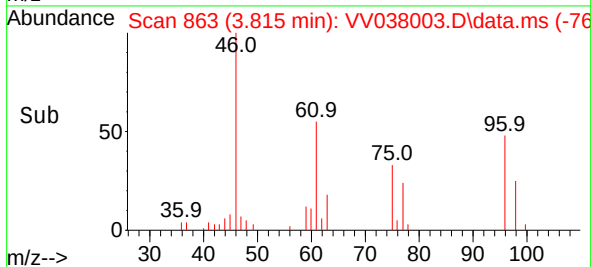
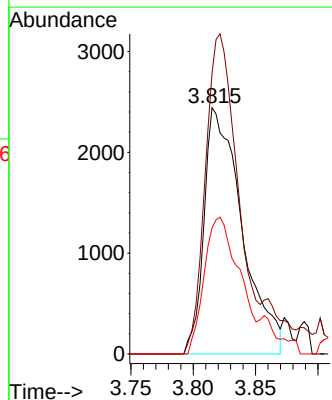
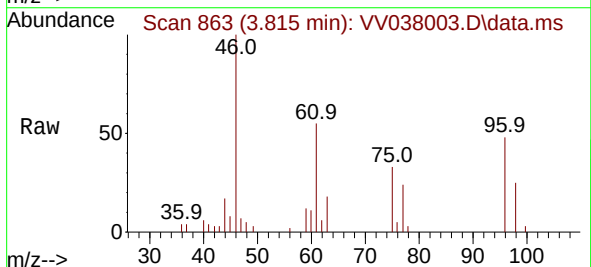
Tgt Ion: 96 Resp: 5190

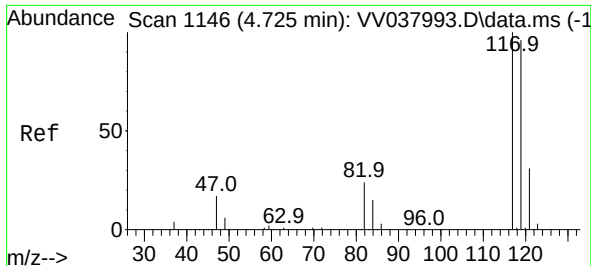
Ion Ratio Lower Upper

96 100

61 114.0 83.4 154.8

98 51.2 44.6 82.8

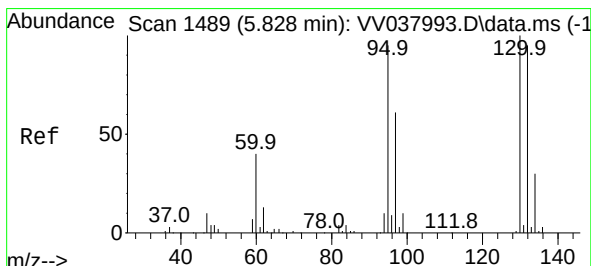
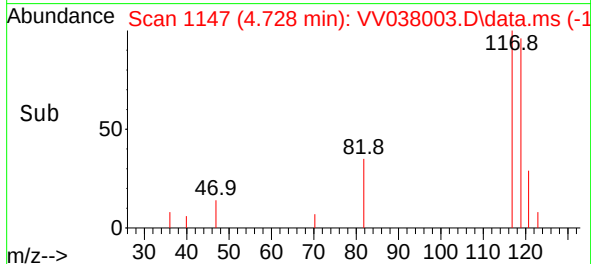
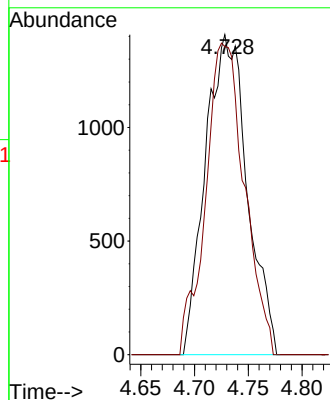
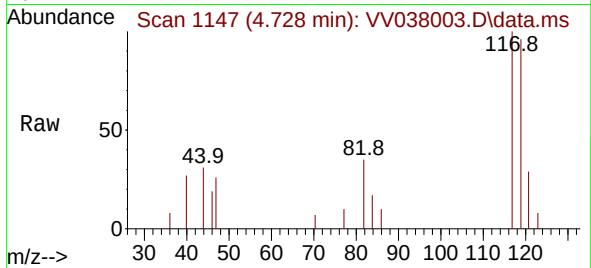




#31
Carbon tetrachloride
Concen: 0.113 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038003.D
Acq: 11 Nov 2024 18:05

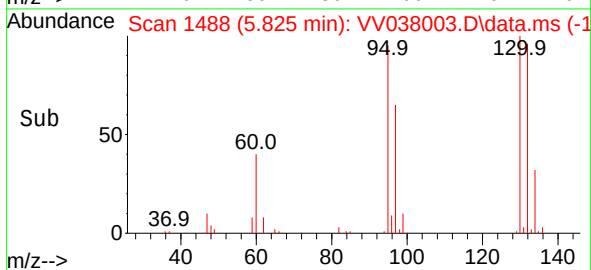
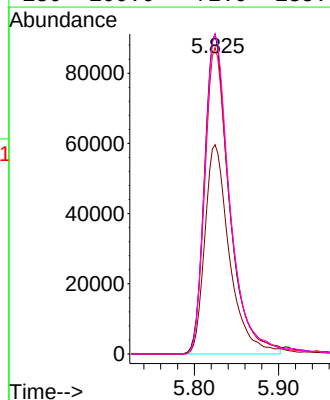
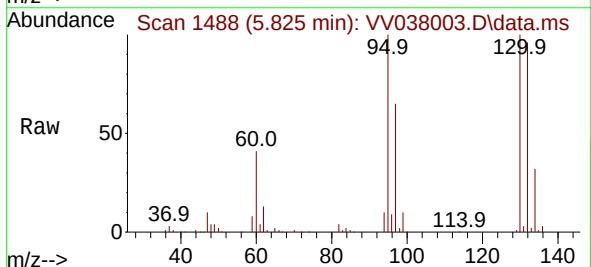
Instrument :
MSVOA_V
ClientSampleId :

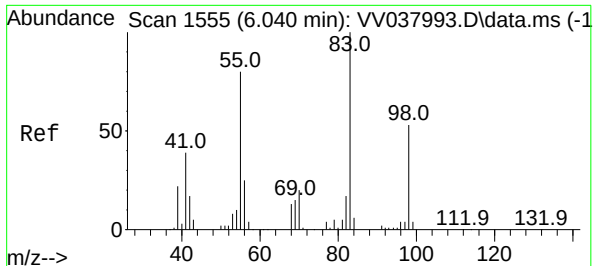
Tgt Ion:117 Resp: 3812
Ion Ratio Lower Upper
117 100
119 90.1 77.2 115.8



#34
Trichloroethene
Concen: 7.644 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038003.D
Acq: 11 Nov 2024 18:05

Tgt Ion: 95 Resp: 186720
Ion Ratio Lower Upper
95 100
97 65.4 46.9 87.1
132 95.8 70.5 130.9
130 100.0 72.9 135.3





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV038003.D

Acq: 11 Nov 2024 18:05

Instrument :

MSVOA_V

ClientSampleId :

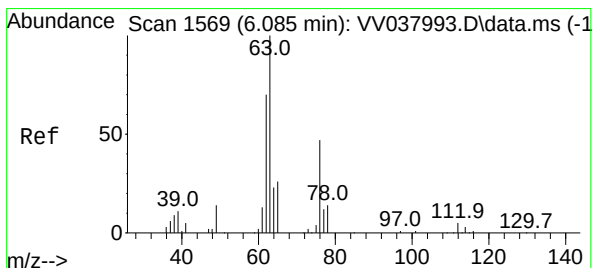
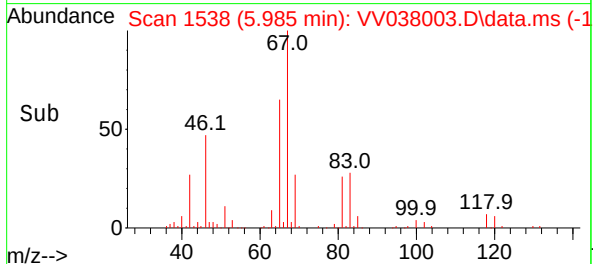
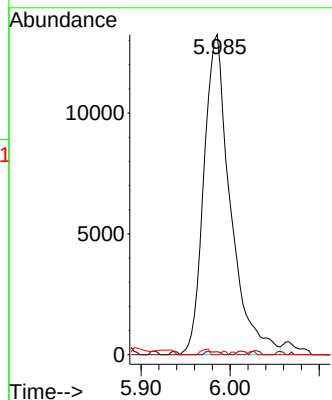
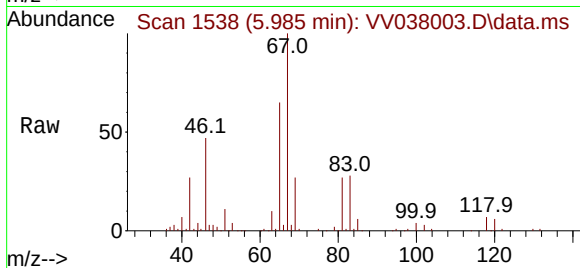
Tgt Ion: 83 Resp: 27420

Ion Ratio Lower Upper

83 100

55 0.5 59.3 88.9#

98 0.5 38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 5.979 min Scan# 1536

Delta R.T. -0.106 min

Lab File: VV038003.D

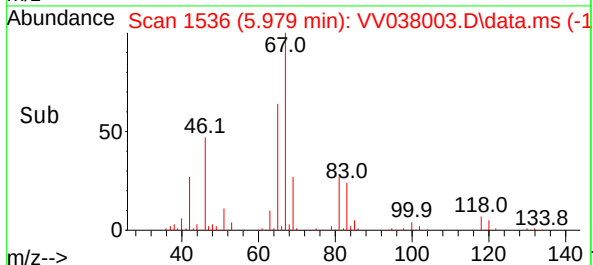
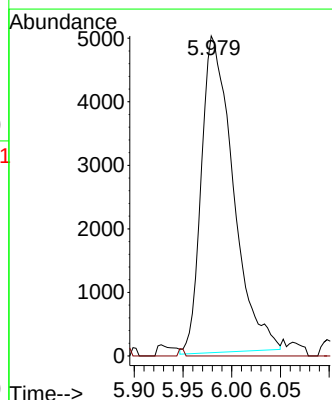
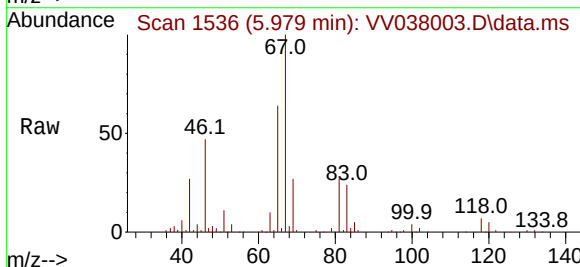
Acq: 11 Nov 2024 18:05

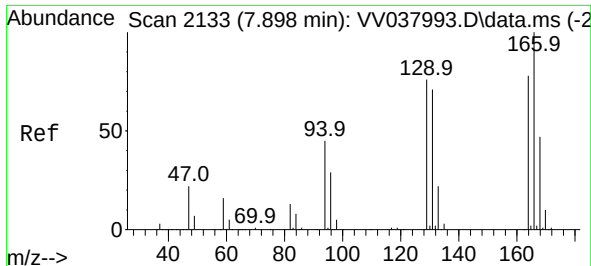
Tgt Ion: 63 Resp: 11298

Ion Ratio Lower Upper

63 100

112 0.4 4.1 6.1#





#47

Tetrachloroethene

Concen: 0.257 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.010 min

Lab File: VV038003.D

Acq: 11 Nov 2024 18:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 4887

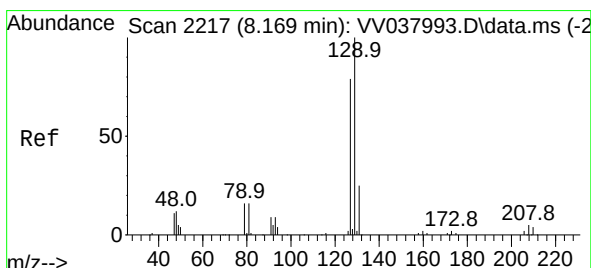
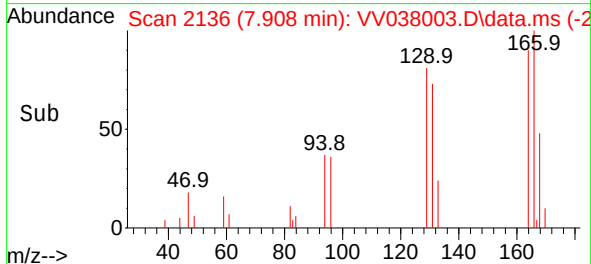
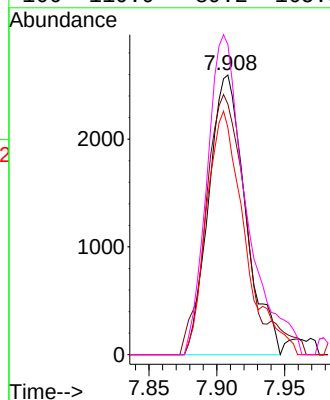
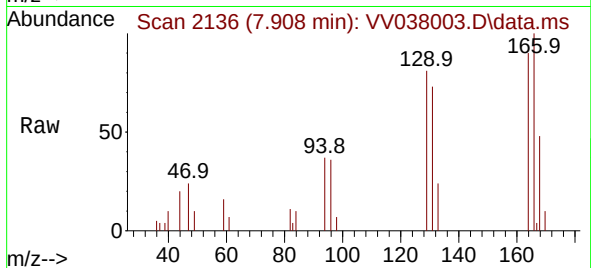
Ion Ratio Lower Upper

164 100

129 89.6 66.8 124.2

131 81.2 65.2 121.2

166 110.9 89.2 165.8



#49

Dibromochloromethane

Concen: 0.213 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.264 min

Lab File: VV038003.D

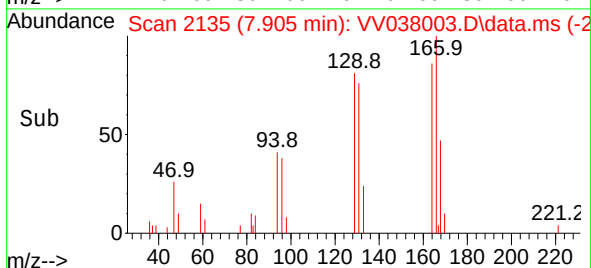
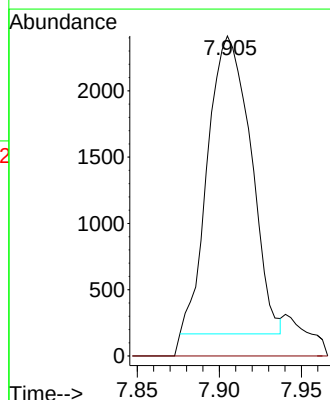
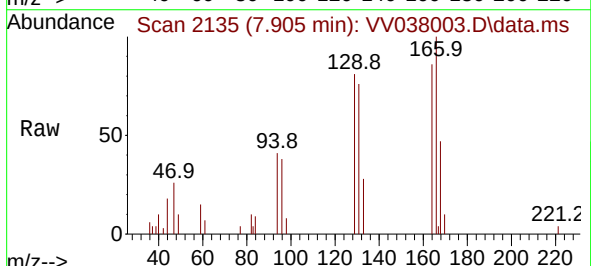
Acq: 11 Nov 2024 18:05

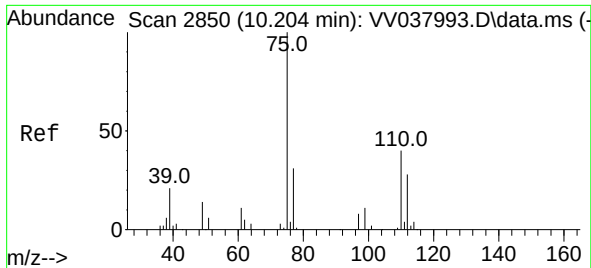
Tgt Ion:129 Resp: 4070

Ion Ratio Lower Upper

129 100

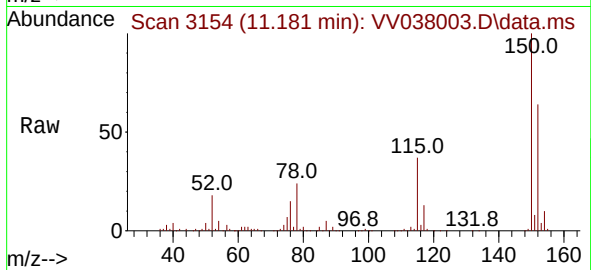
127 0.0 52.2 97.0#





#61
1,2,3-Trichloropropane
Concen: 1.497 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV038003.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 17483
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3
110 3.3 33.5 50.3#

