

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110724\
 Data File : VV037952.D
 Acq On : 07 Nov 2024 13:02
 Operator : SY/MD
 Sample : P4729-02DL 100X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 01:25:43 2024
 Response via : Initial Calibration

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

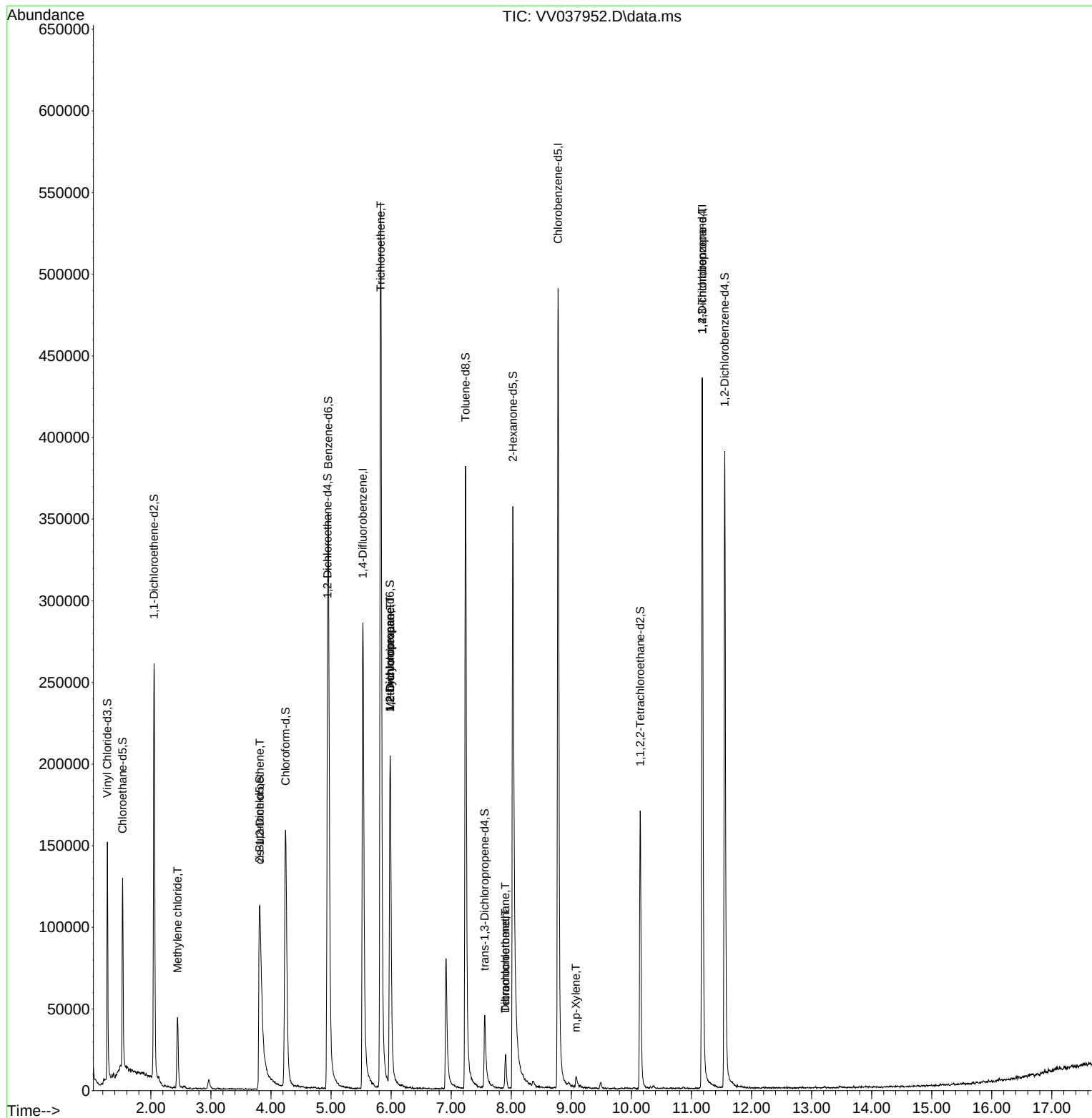
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	281489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	298635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	131368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	97847	4.541	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	90.800%		
7) Chloroethane-d5	1.529	69	77282	4.401	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.000%		
11) 1,1-Dichloroethene-d2	2.053	65	41617	4.451	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.000%		
20) 2-Butanone-d5	3.809	46	182557	45.460	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	90.920%		
24) Chloroform-d	4.243	84	181042	4.610	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.200%		
26) 1,2-Dichloroethane-d4	4.940	65	88765	5.057	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.200%		
32) Benzene-d6	4.953	84	337204	4.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.600%		
36) 1,2-Dichloropropane-d6	5.982	67	108017	4.803	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.000%		
41) Toluene-d8	7.239	98	287456	4.153	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.000%		
43) trans-1,3-Dichloroprop...	7.558	79	35234	4.052	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.000%		
46) 2-Hexanone-d5	8.027	63	158793	46.987	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.980%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88383	4.874	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.400%		
66) 1,2-Dichlorobenzene-d4	11.554	152	107815	4.976	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.600%		
Target Compounds						Qvalue
16) Methylene chloride	2.445	84	19643	0.875	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	5074	0.232	ug/L	90
34) Trichloroethene	5.825	95	206412	9.083	ug/L	97
35) Methylcyclohexane	5.985	83	27910	0.824	ug/L #	20
37) 1,2-Dichloropropane	5.985	63	12361	0.603	ug/L #	86
47) Tetrachloroethene	7.902	164	4844	0.274	ug/L	93
49) Dibromochloromethane	7.902	129	5168	0.291	ug/L #	12
53) m,p-Xylene	9.079	106	2406	0.067	ug/L	79
61) 1,2,3-Trichloropropane	11.181	75	15146	1.474	ug/L #	58

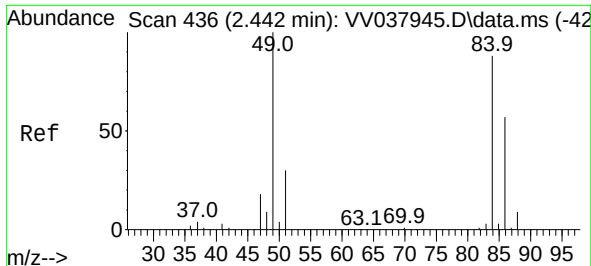
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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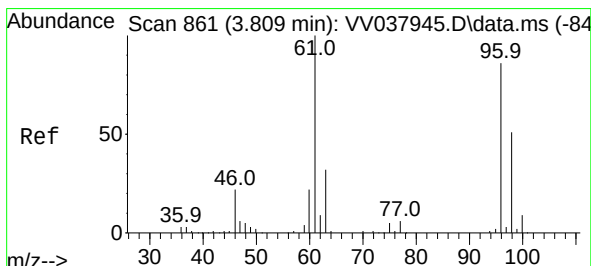
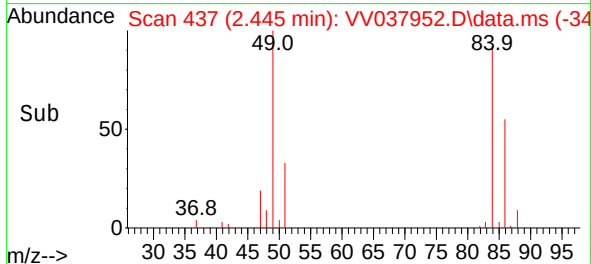
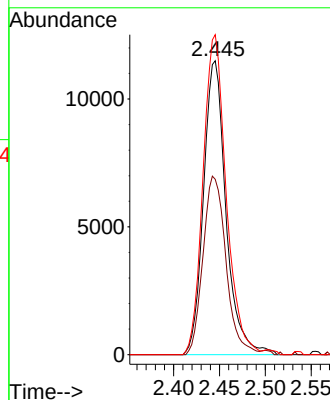
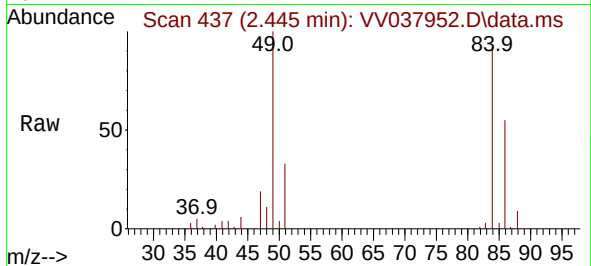




#16
Methylene chloride
Concen: 0.875 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV037952.D
Acq: 07 Nov 2024 13:02

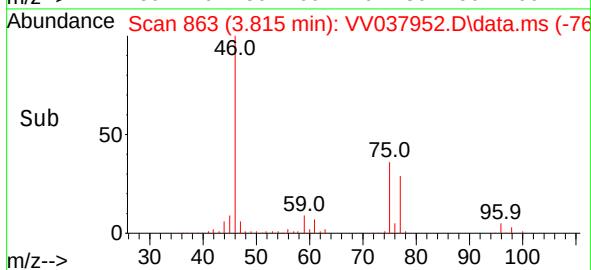
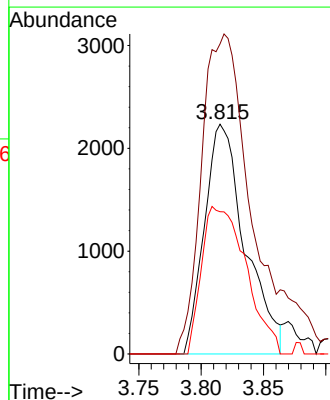
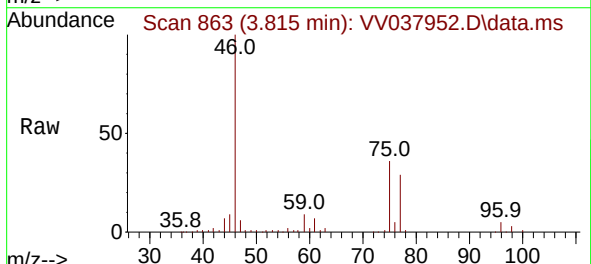
Instrument :
MSVOA_V
ClientSampleId :

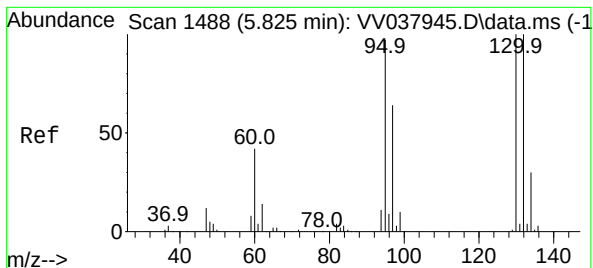
Tgt Ion: 84 Resp: 19643
Ion Ratio Lower Upper
84 100
86 59.7 45.0 83.6
49 108.9 79.2 147.2



#22
cis-1,2-Dichloroethene
Concen: 0.232 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV037952.D
Acq: 07 Nov 2024 13:02

Tgt Ion: 96 Resp: 5074
Ion Ratio Lower Upper
96 100
61 135.0 83.4 154.8
98 62.0 44.6 82.8





#34

Trichloroethene

Concen: 9.083 ug/L

RT: 5.825 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV037952.D

Acq: 07 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 206412

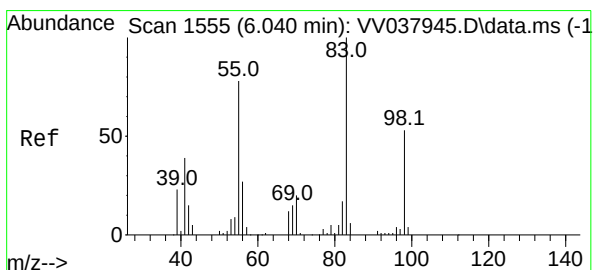
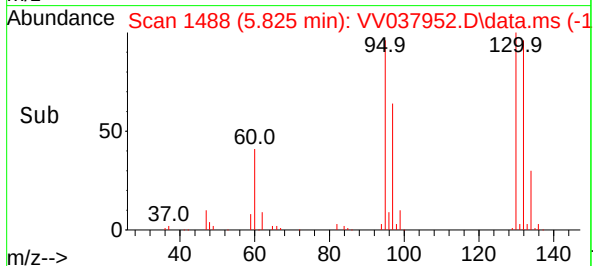
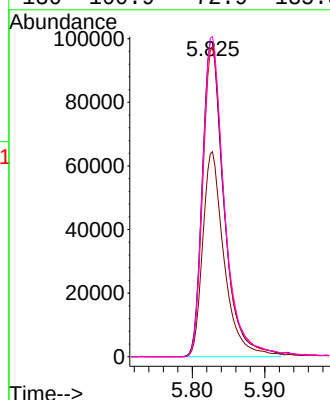
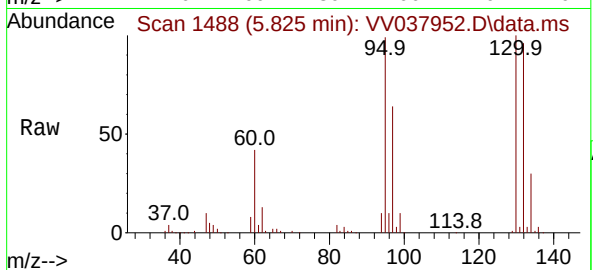
Ion Ratio Lower Upper

95 100

97 64.3 46.9 87.1

132 96.8 70.5 130.9

130 100.9 72.9 135.3



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037952.D

Acq: 07 Nov 2024 13:02

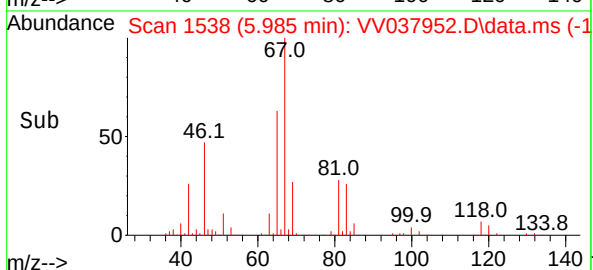
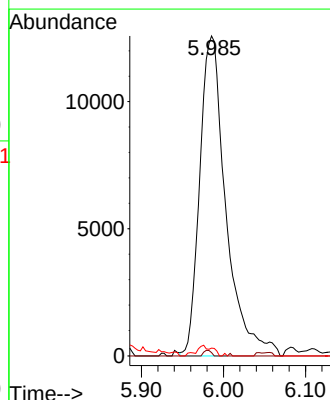
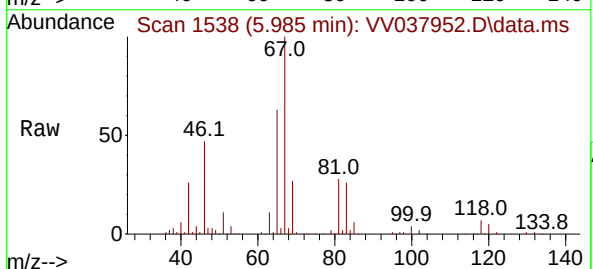
Tgt Ion: 83 Resp: 27910

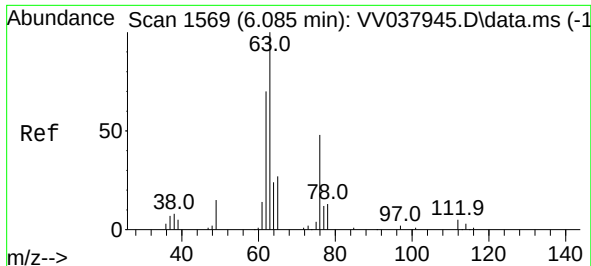
Ion Ratio Lower Upper

83 100

55 0.5 59.3 88.9#

98 1.4 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV037952.D

Acq: 07 Nov 2024 13:02

Instrument :

MSVOA_V

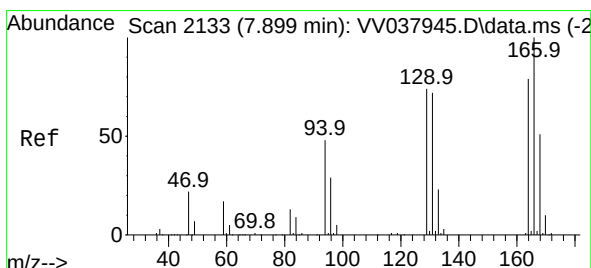
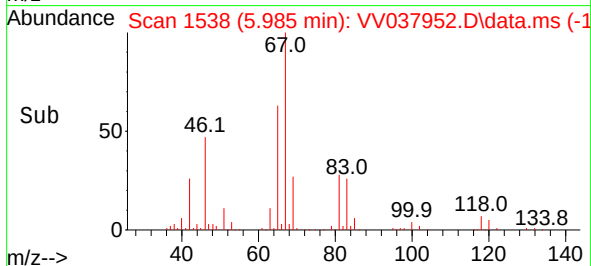
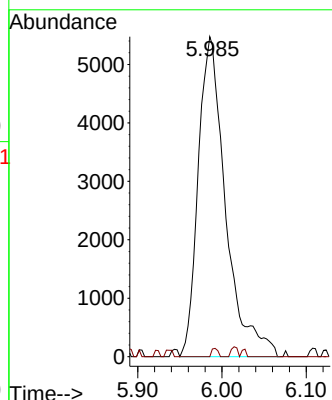
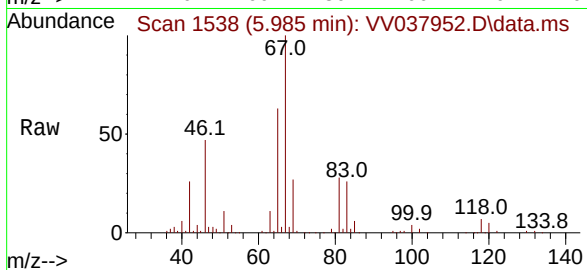
ClientSampleId :

Tgt Ion: 63 Resp: 12361

Ion Ratio Lower Upper

63 100

112 0.6 4.1 6.1#



#47

Tetrachloroethene

Concen: 0.274 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037952.D

Acq: 07 Nov 2024 13:02

Tgt Ion:164 Resp: 4844

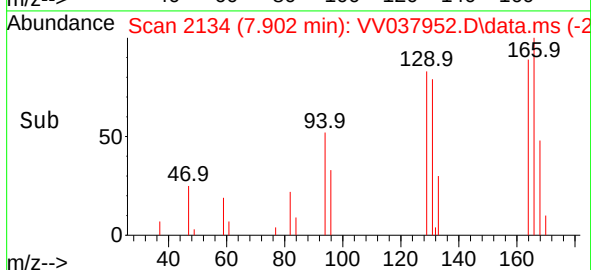
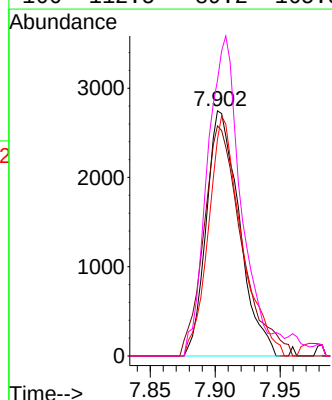
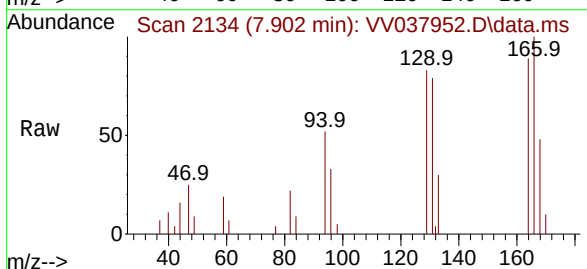
Ion Ratio Lower Upper

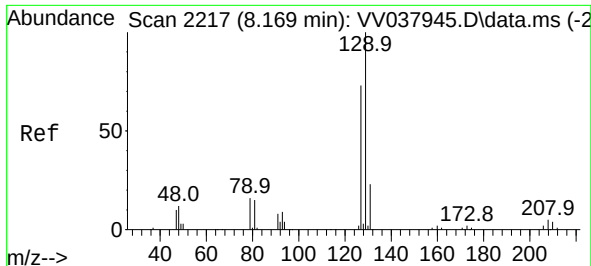
164 100

129 93.8 66.8 124.2

131 88.4 65.2 121.2

166 112.5 89.2 165.8





#49

Dibromochloromethane

Concen: 0.291 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.267 min

Lab File: VV037952.D

Acq: 07 Nov 2024 13:02

Instrument :

MSVOA_V

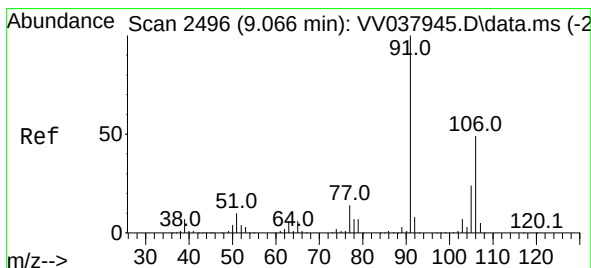
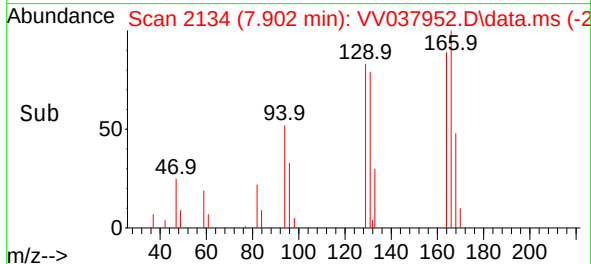
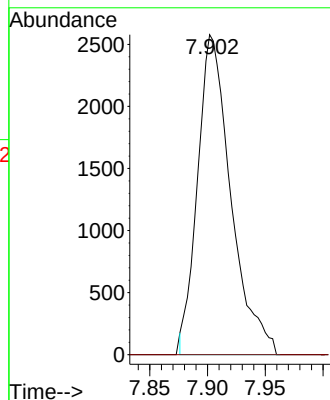
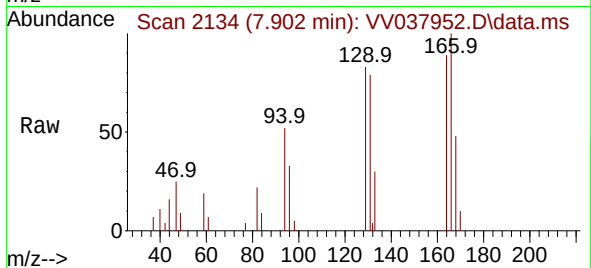
ClientSampleId :

Tgt Ion:129 Resp: 5168

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#53

m,p-Xylene

Concen: 0.067 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.013 min

Lab File: VV037952.D

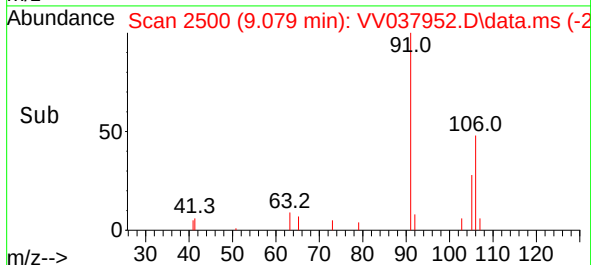
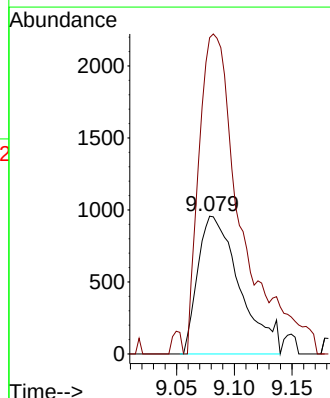
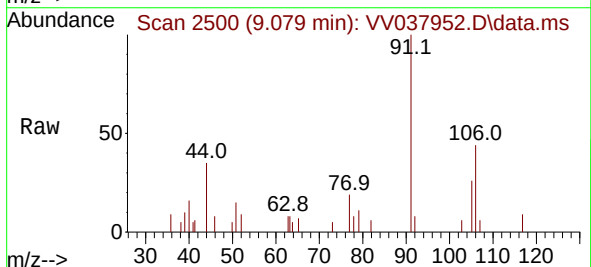
Acq: 07 Nov 2024 13:02

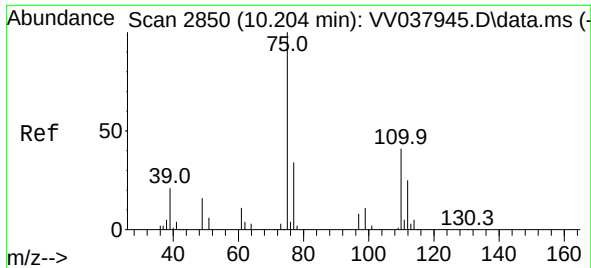
Tgt Ion:106 Resp: 2406

Ion Ratio Lower Upper

106 100

91 229.8 139.0 258.2





#61

1,2,3-Trichloropropane

Concen: 1.474 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

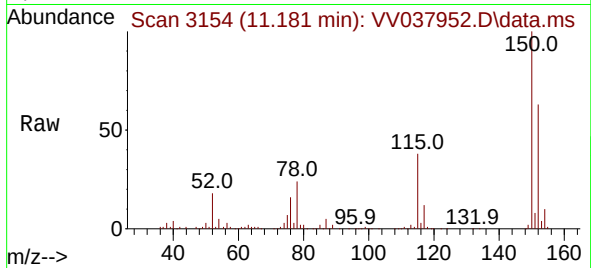
Lab File: VV037952.D

Acq: 07 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 15146

Ion Ratio Lower Upper

75 100

77 37.4 24.9 37.3#

110 1.2 33.5 50.3#

