

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV037998.D
 Acq On : 11 Nov 2024 16:05
 Operator : SY/MD
 Sample : P4749-01DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:41:35 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)

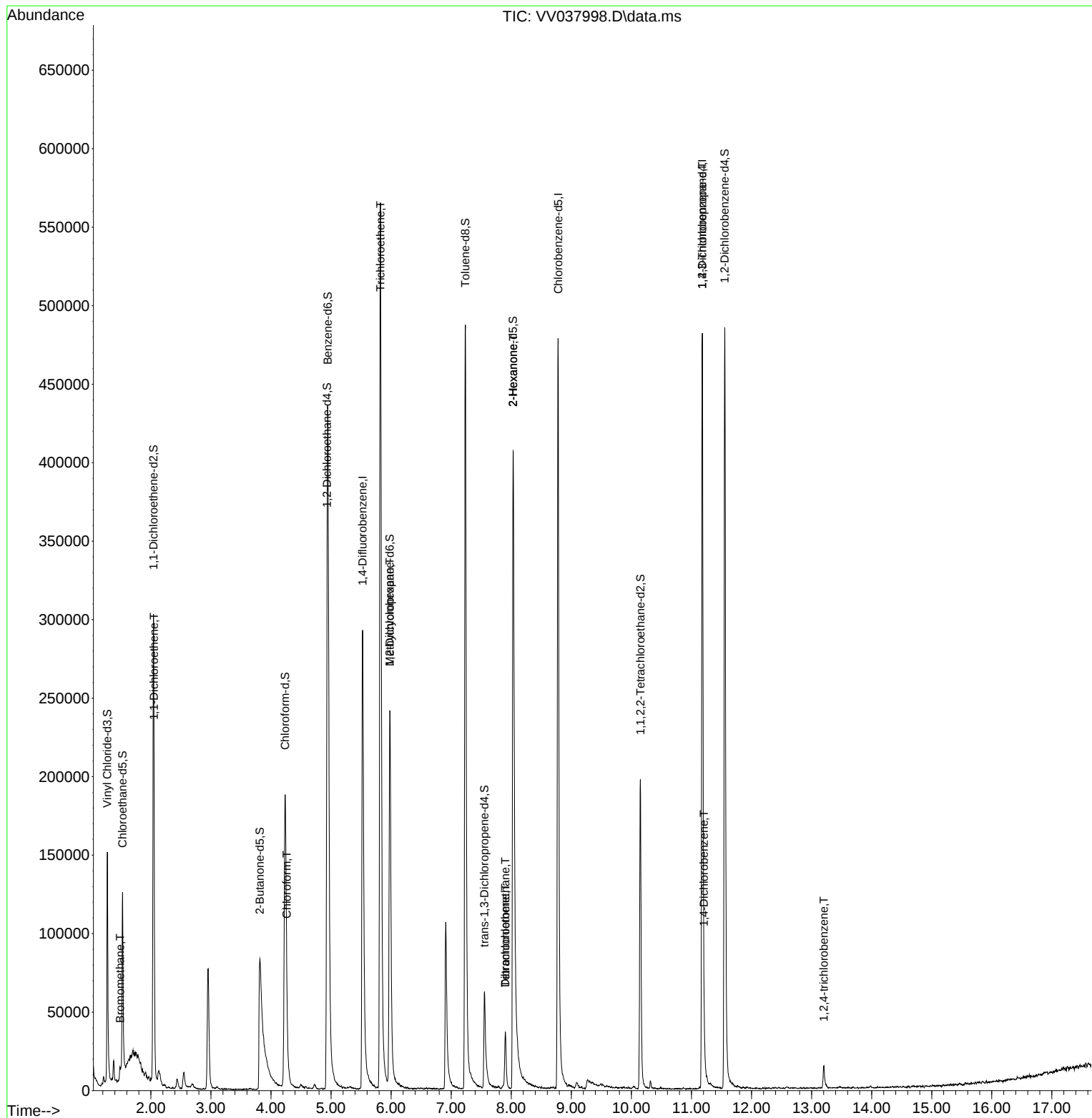
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	288045	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	285463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	137542	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	106799	4.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.529	69	86053	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.044	65	48329	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	3.815	46	149060	36.274	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.540%
24) Chloroform-d	4.236	84	215850	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	4.934	65	103378	5.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	4.947	84	414592	5.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
36) 1,2-Dichloropropane-d6	5.979	67	128859	5.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.800%
41) Toluene-d8	7.233	98	352913	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.555	79	46301	5.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.400%
46) 2-Hexanone-d5	8.031	63	180299	55.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	104580	6.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	11.555	152	137335	6.054	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.000%#
Target Compounds						Qvalue
6) Bromomethane	1.487	94	3826	0.251	ug/L	95
12) 1,1-Dichloroethene	2.053	96	6054	0.308	ug/L #	1
25) Chloroform	4.262	83	8582	0.212	ug/L	90
34) Trichloroethene	5.822	95	212350	9.776	ug/L	98
35) Methylcyclohexane	5.979	83	31357	0.968	ug/L #	20
47) Tetrachloroethene	7.902	164	8734	0.517	ug/L	96
48) 2-Hexanone	8.034	43	22220	3.184	ug/L #	66
49) Dibromochloromethane	7.902	129	7874	0.464	ug/L #	12
61) 1,2,3-Trichloropropane	11.182	75	17221	1.601	ug/L #	65
65) 1,4-Dichlorobenzene	11.207	146	8326	0.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	5887	0.262	ug/L	95

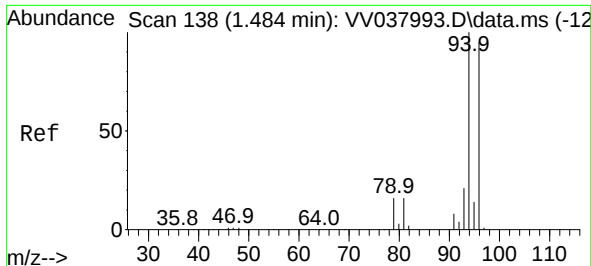
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 04:39:46 2024
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#6

Bromomethane

Concen: 0.251 ug/L

RT: 1.487 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

Instrument :

MSVOA_V

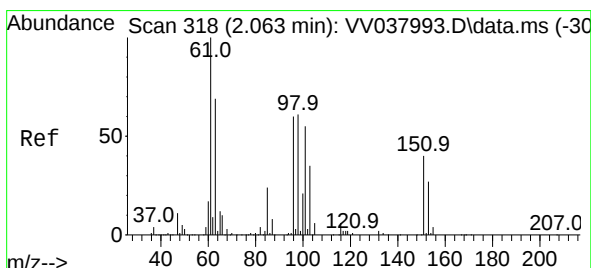
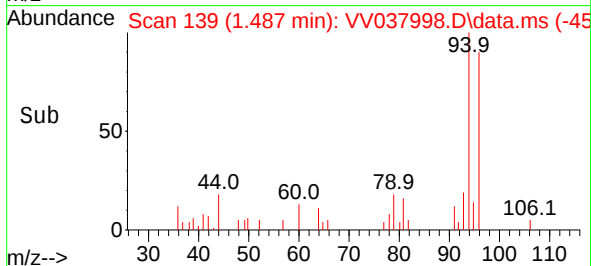
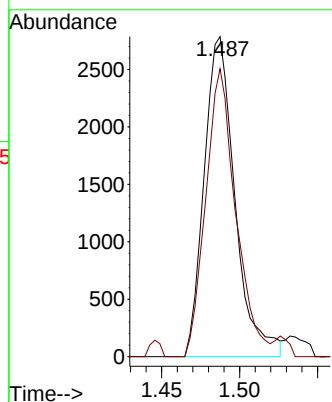
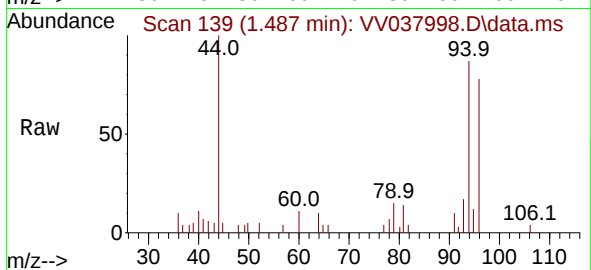
ClientSampleId :

Tgt Ion: 94 Resp: 3826

Ion Ratio Lower Upper

94 100

96 89.9 66.3 123.1



#12

1,1-Dichloroethene

Concen: 0.308 ug/L

RT: 2.053 min Scan# 315

Delta R.T. -0.009 min

Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

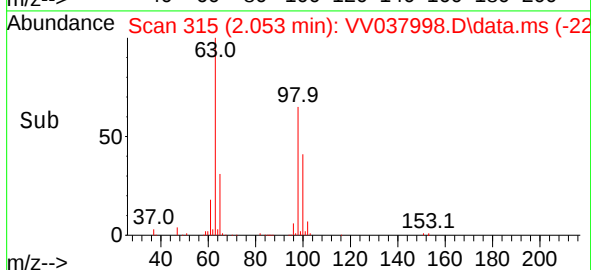
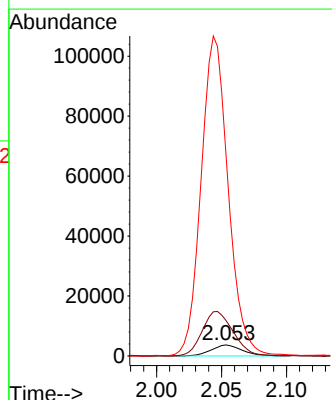
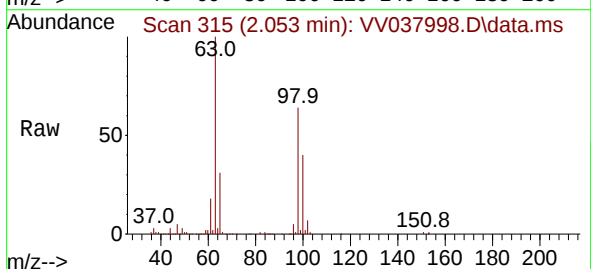
Tgt Ion: 96 Resp: 6054

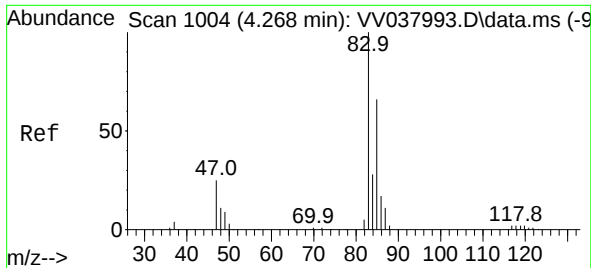
Ion Ratio Lower Upper

96 100

61 320.7 117.4 218.0#

63 1824.9 91.7 170.3#

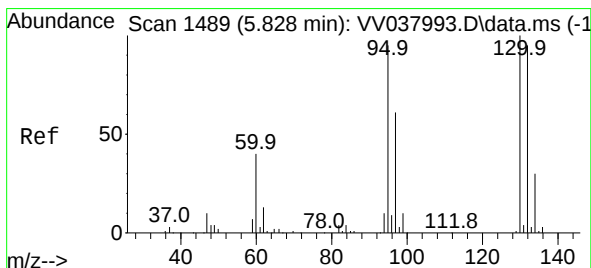
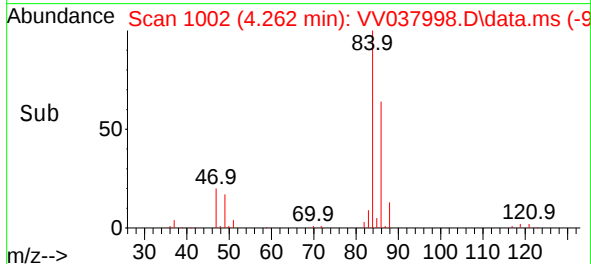
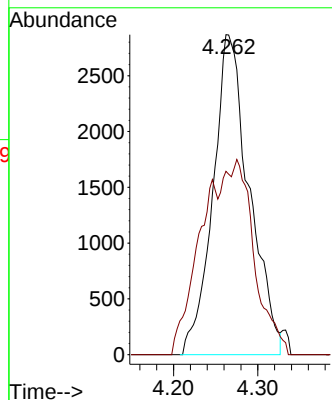
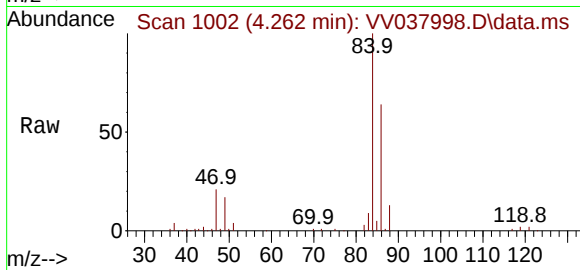




#25
Chloroform
Concen: 0.212 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VV037998.D
Acq: 11 Nov 2024 16:05

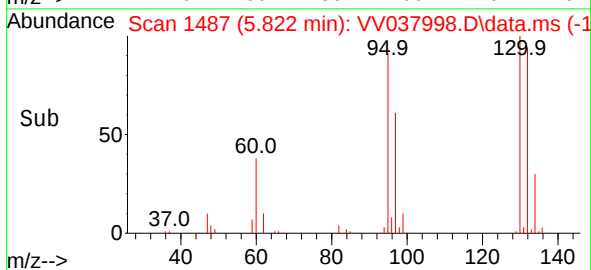
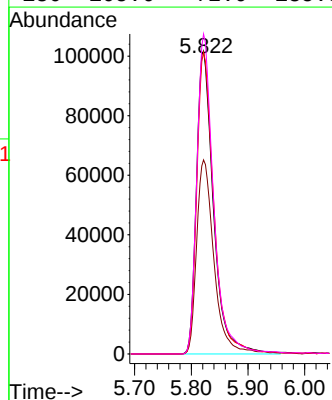
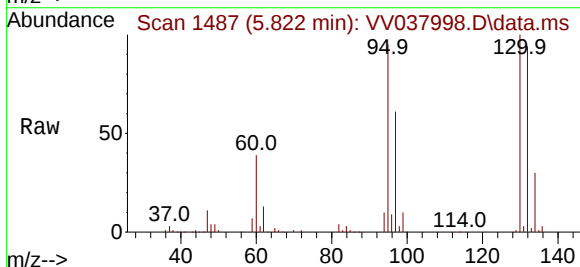
Instrument :
MSVOA_V
ClientSampleId :

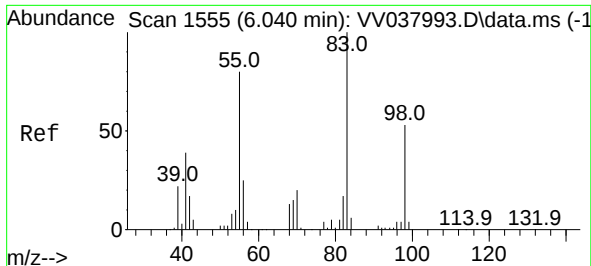
Tgt Ion: 83 Resp: 8582
Ion Ratio Lower Upper
83 100
85 57.3 45.5 84.5



#34
Trichloroethene
Concen: 9.776 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV037998.D
Acq: 11 Nov 2024 16:05

Tgt Ion: 95 Resp: 212350
Ion Ratio Lower Upper
95 100
97 64.1 46.9 87.1
132 99.5 70.5 130.9
130 105.6 72.9 135.3





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 5.979 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

Instrument :

MSVOA_V

ClientSampleId :

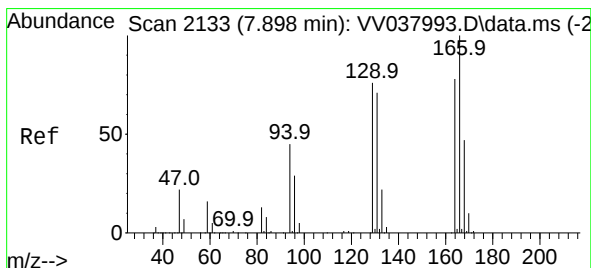
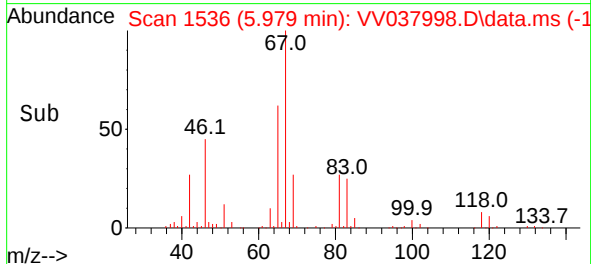
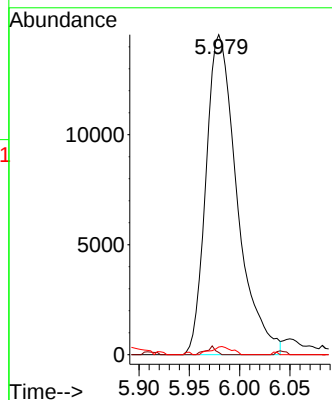
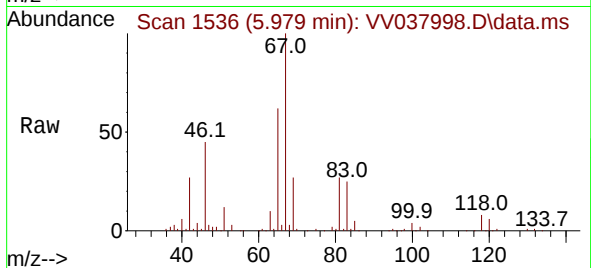
Tgt Ion: 83 Resp: 31357

Ion Ratio Lower Upper

83 100

55 0.8 59.3 88.9#

98 1.7 38.3 57.5#



#47

Tetrachloroethene

Concen: 0.517 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

Tgt Ion:164 Resp: 8734

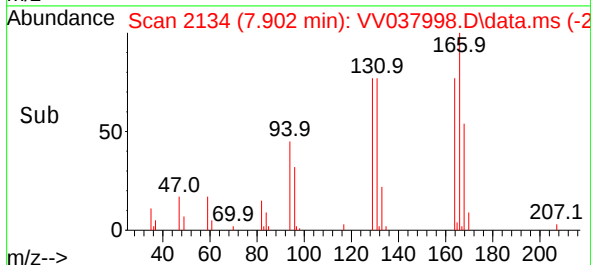
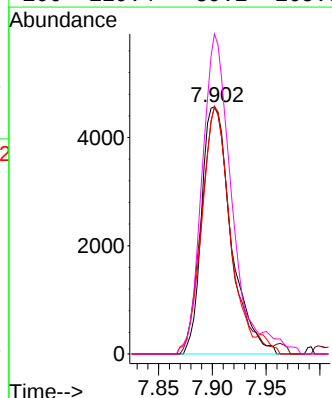
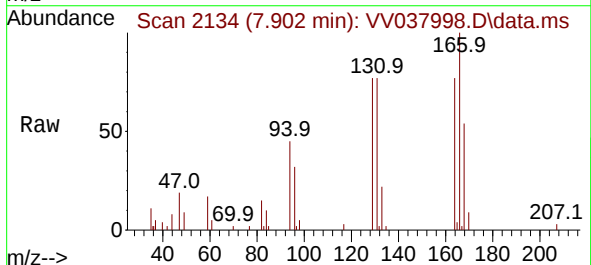
Ion Ratio Lower Upper

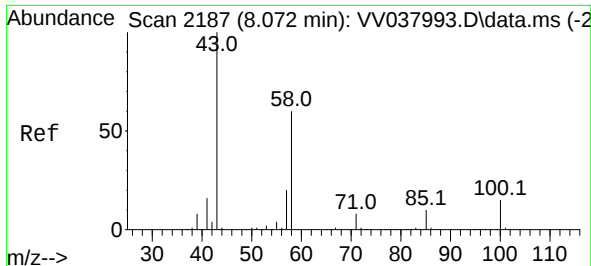
164 100

129 99.8 66.8 124.2

131 100.3 65.2 121.2

166 129.4 89.2 165.8





#48

2-Hexanone

Concen: 3.184 ug/L

RT: 8.034 min Scan# 2117

Delta R.T. -0.038 min

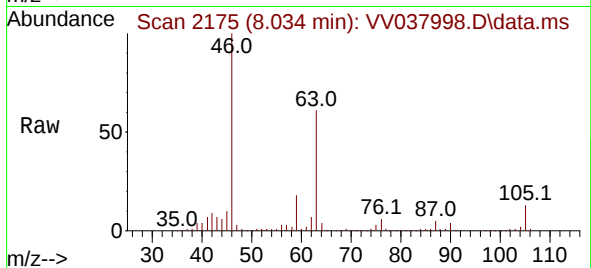
Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 22220

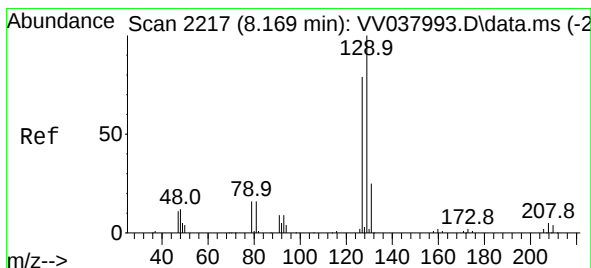
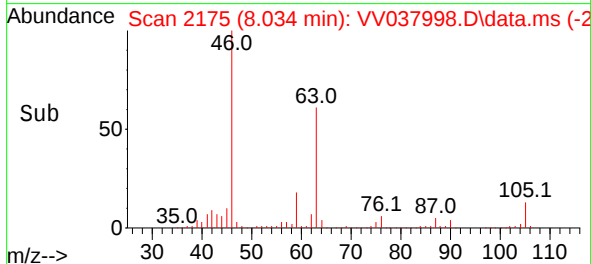
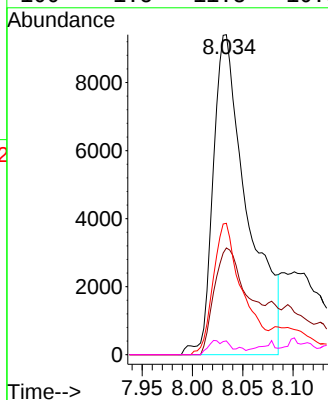
Ion Ratio Lower Upper

43 100

58 33.8 48.5 72.7#

57 35.7 16.3 24.5#

100 1.5 11.3 16.9#



#49

Dibromochloromethane

Concen: 0.464 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.267 min

Lab File: VV037998.D

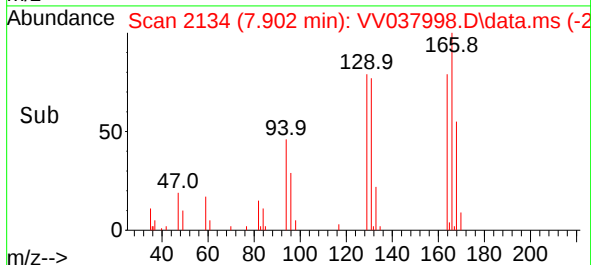
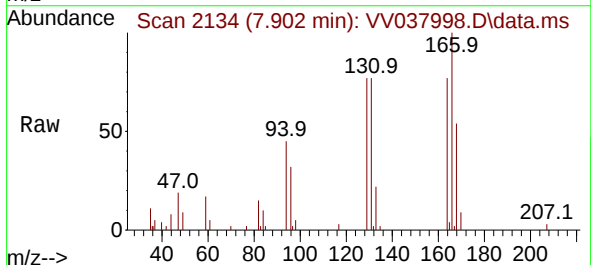
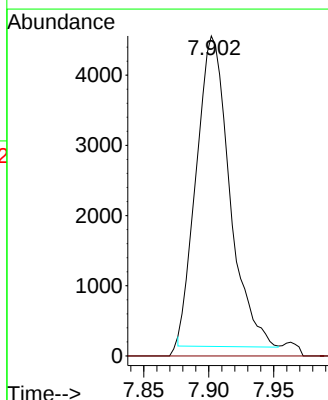
Acq: 11 Nov 2024 16:05

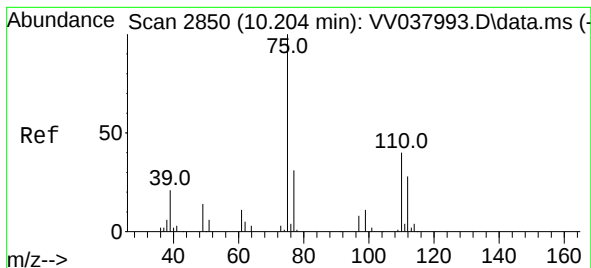
Tgt Ion: 129 Resp: 7874

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#





#61

1,2,3-Trichloropropane

Concen: 1.601 ug/L

RT: 11.182 min Scan# 3115

Delta R.T. 0.978 min

Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

Instrument :

MSVOA_V

ClientSampleId :

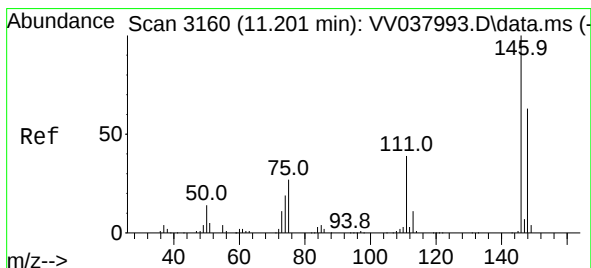
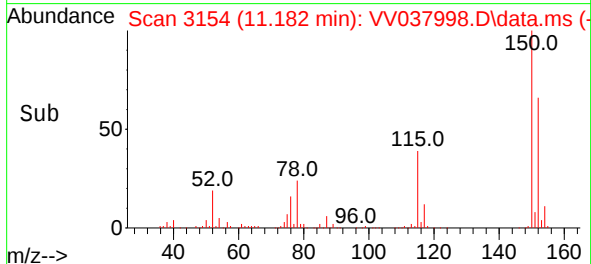
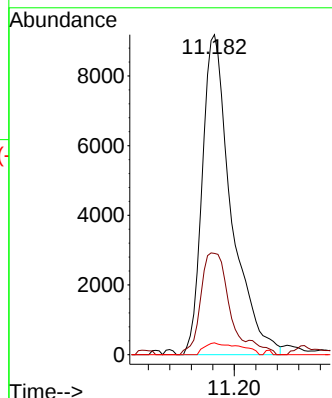
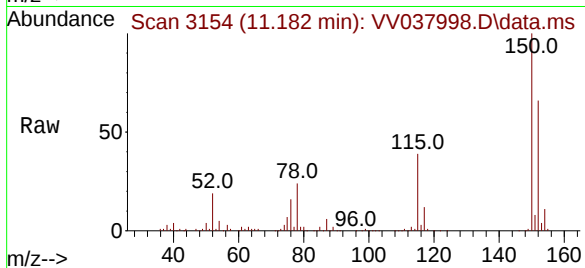
Tgt Ion: 75 Resp: 17221

Ion Ratio Lower Upper

75 100

77 32.4 24.9 37.3

110 4.5 33.5 50.3#



#65

1,4-Dichlorobenzene

Concen: 0.199 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.007 min

Lab File: VV037998.D

Acq: 11 Nov 2024 16:05

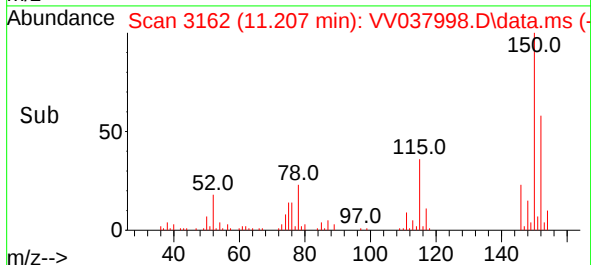
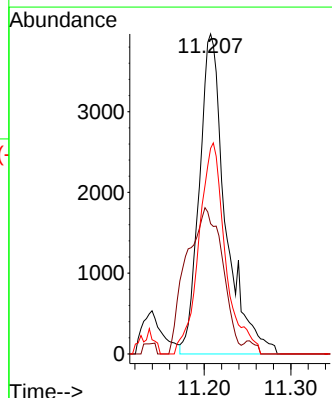
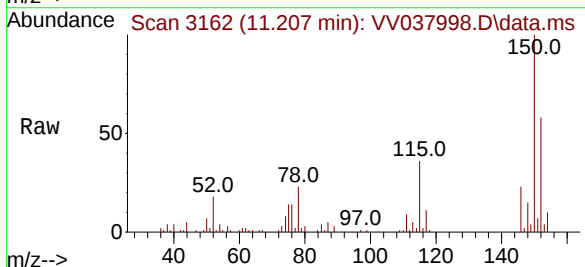
Tgt Ion:146 Resp: 8326

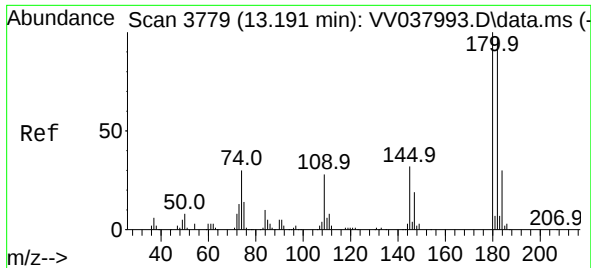
Ion Ratio Lower Upper

146 100

111 40.7 27.6 51.2

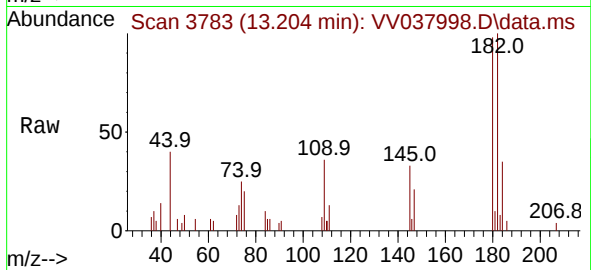
148 64.3 44.4 82.4





#70
1,2,4-trichlorobenzene
Concen: 0.262 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV037998.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.8	74.8	112.2
145	34.5	25.4	38.0

