

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037452.D
 Acq On : 21 Sep 2024 00:07
 Operator : SY/MD
 Sample : P4107-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:53:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

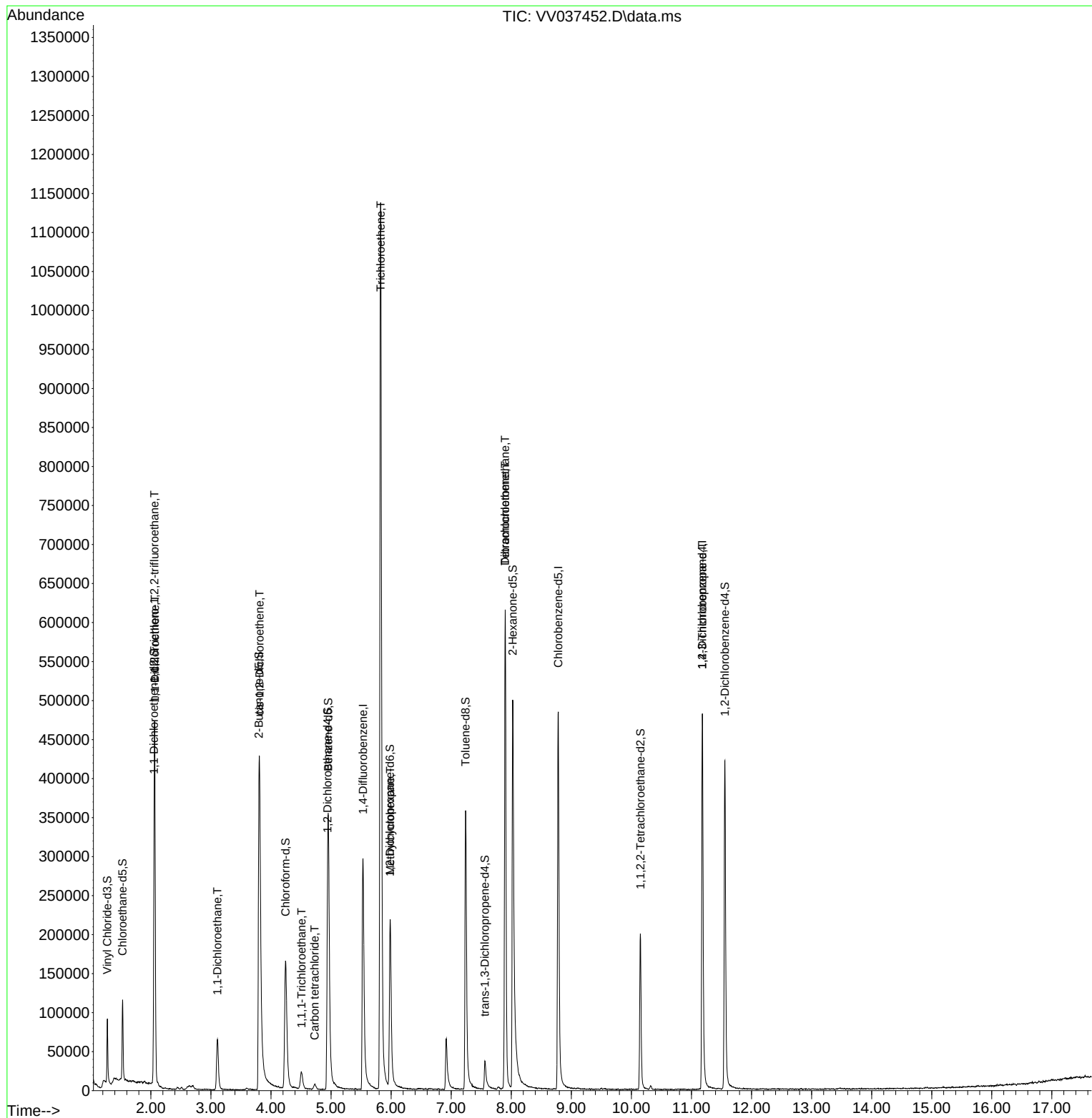
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	280202	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	134091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51507	3.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.529	69	66404	3.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.053	65	29836	3.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.799	46	260705	53.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.140%
24) Chloroform-d	4.243	84	187190	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.940	65	88162	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.953	84	327184	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.982	67	113365	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.239	98	266119	3.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.561	79	26850	3.328	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.024	63	203037	51.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105303	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	116197	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	6414	0.312	ug/L #	83
12) 1,1-Dichloroethene	2.066	96	104522	5.323	ug/L	89
19) 1,1-Dichloroethane	3.108	63	68235	1.730	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	183505	8.216	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	19047	0.546	ug/L	98
31) Carbon tetrachloride	4.725	117	4839	0.163	ug/L	99
34) Trichloroethene	5.825	95	426561	17.859	ug/L	98
35) Methylcyclohexane	5.985	83	27430	0.755	ug/L #	19
47) Tetrachloroethene	7.899	164	137925	8.068	ug/L	98
49) Dibromochloromethane	7.899	129	126771	7.497	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	16188	1.327	ug/L #	68

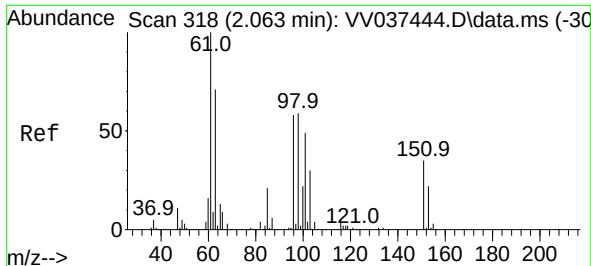
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.312 ug/L

RT: 2.060 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

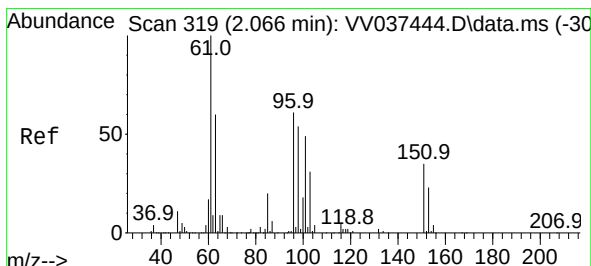
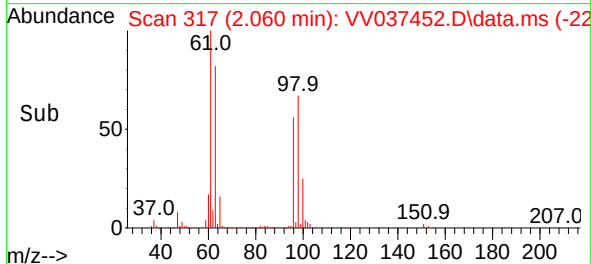
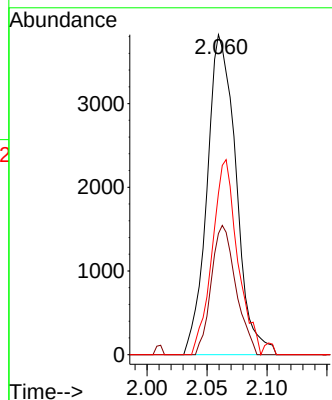
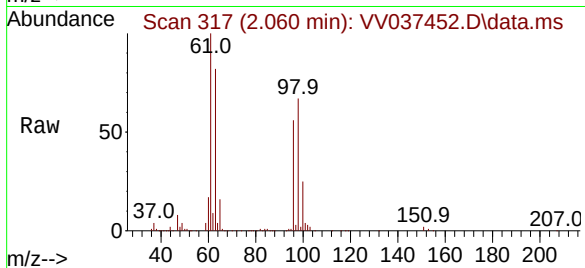
Tgt Ion:101 Resp: 6414

Ion Ratio Lower Upper

101 100

85 34.3 35.1 52.7#

151 53.6 55.3 82.9#



#12

1,1-Dichloroethene

Concen: 5.323 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

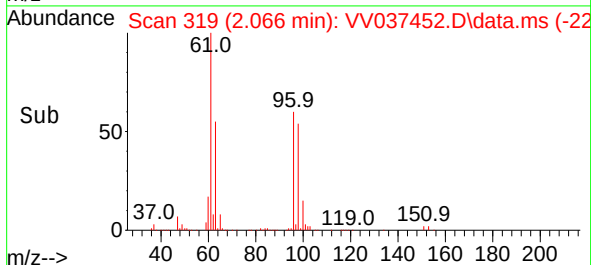
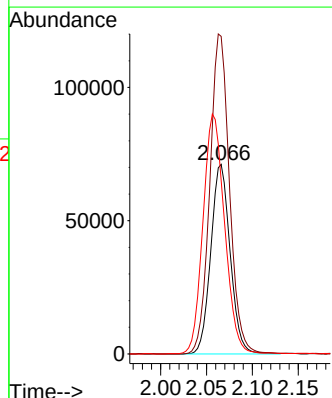
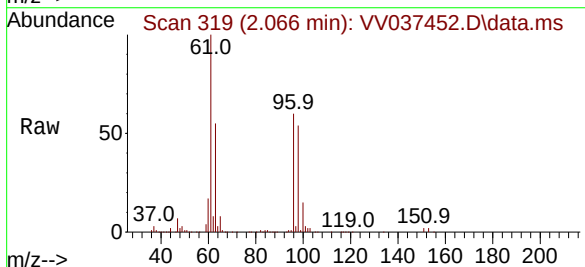
Tgt Ion: 96 Resp: 104522

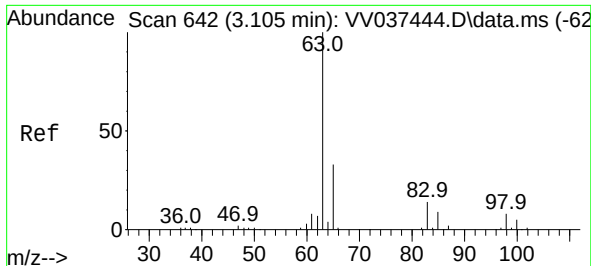
Ion Ratio Lower Upper

96 100

61 167.6 119.9 222.7

63 91.6 81.4 151.2





#19

1,1-Dichloroethane

Concen: 1.730 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

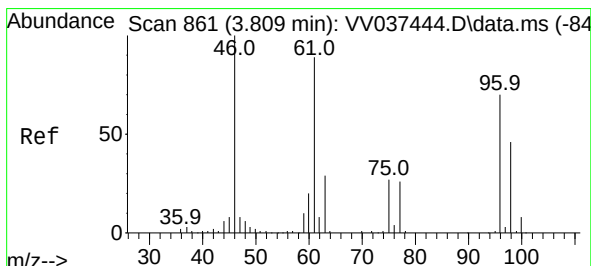
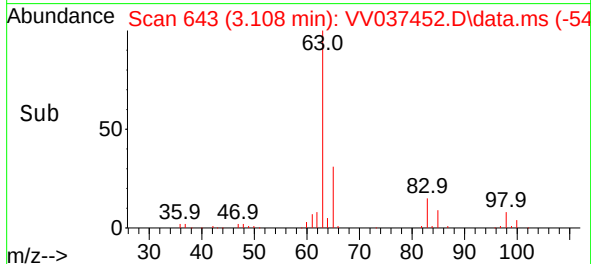
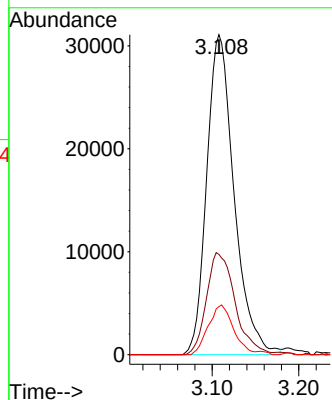
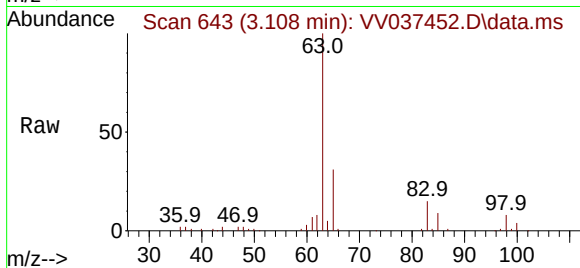
Tgt Ion: 63 Resp: 68235

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.7

83 15.0 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 8.216 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

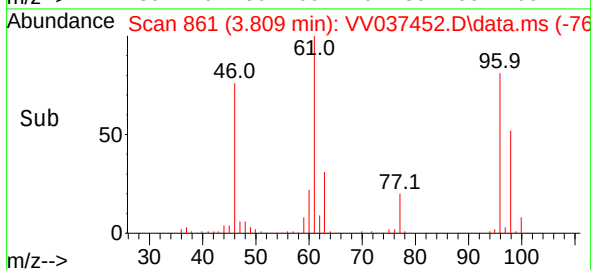
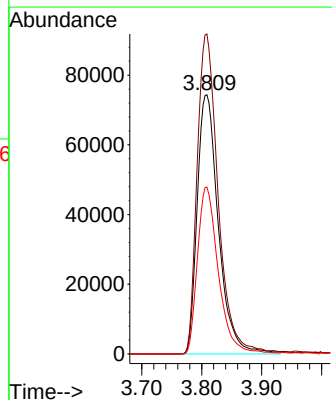
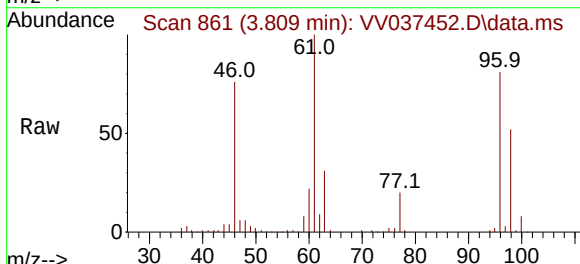
Tgt Ion: 96 Resp: 183505

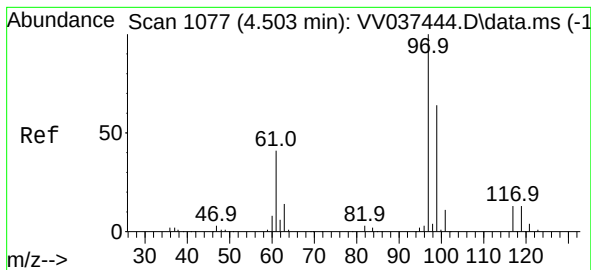
Ion Ratio Lower Upper

96 100

61 123.4 87.6 162.6

98 64.4 44.9 83.5





#29

1,1,1-Trichloroethane

Concen: 0.546 ug/L

RT: 4.510 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

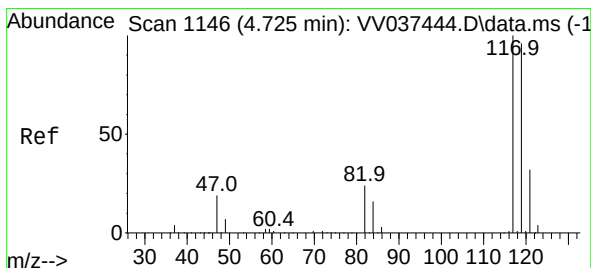
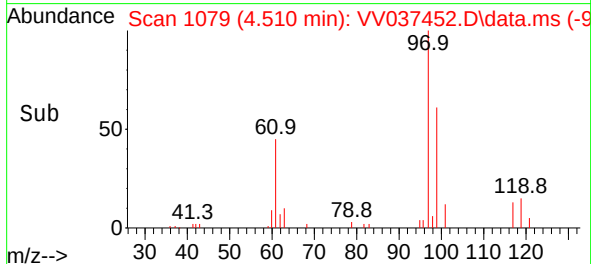
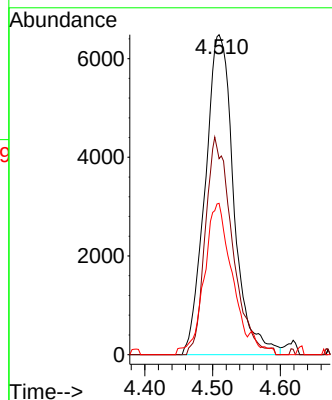
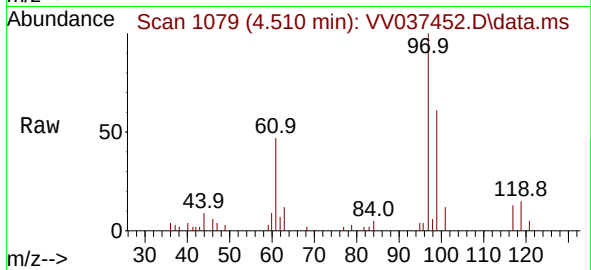
Tgt Ion: 97 Resp: 19047

Ion Ratio Lower Upper

97 100

99 63.7 50.0 75.0

61 44.6 34.3 51.5



#31

Carbon tetrachloride

Concen: 0.163 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV037452.D

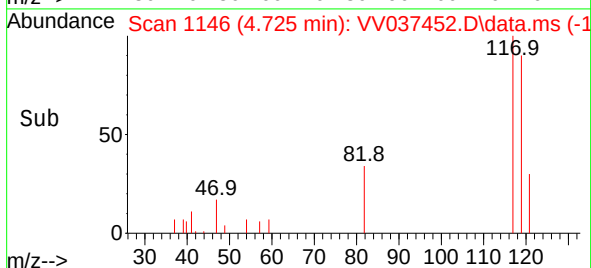
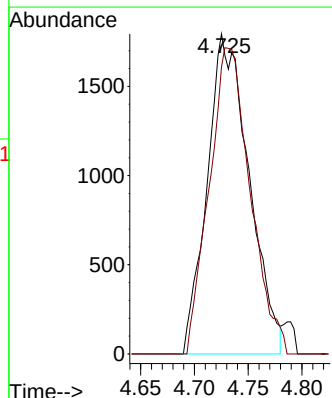
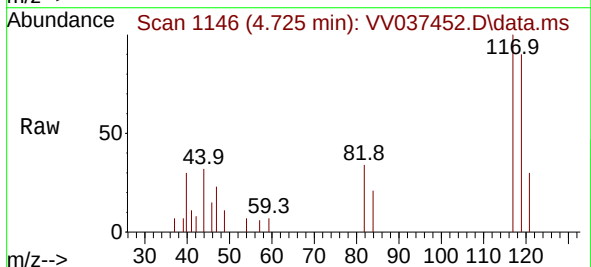
Acq: 21 Sep 2024 00:07

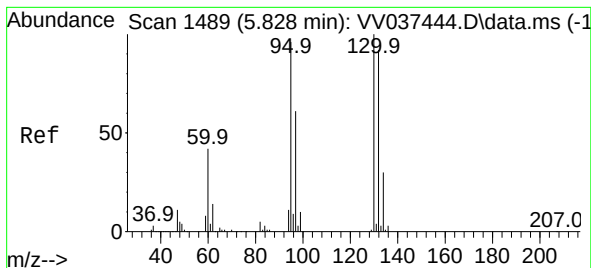
Tgt Ion:117 Resp: 4839

Ion Ratio Lower Upper

117 100

119 94.0 76.2 114.4





#34

Trichloroethene

Concen: 17.859 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 426561

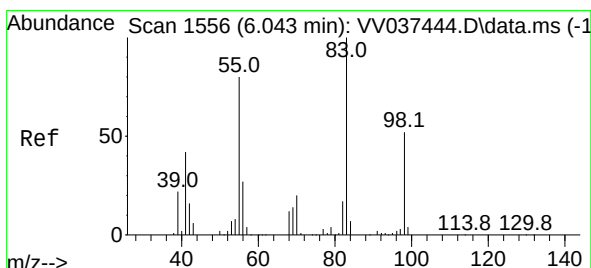
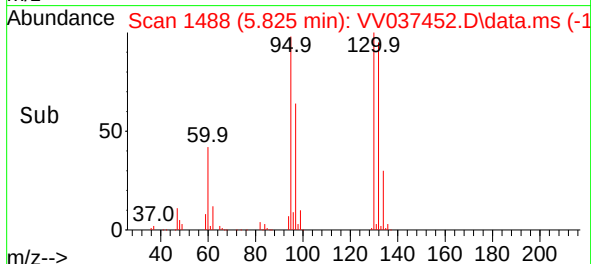
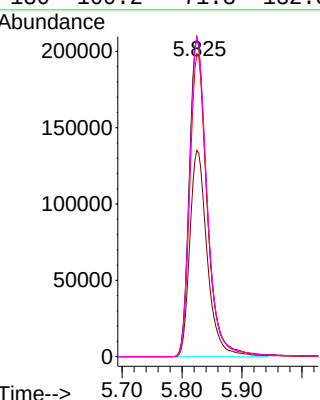
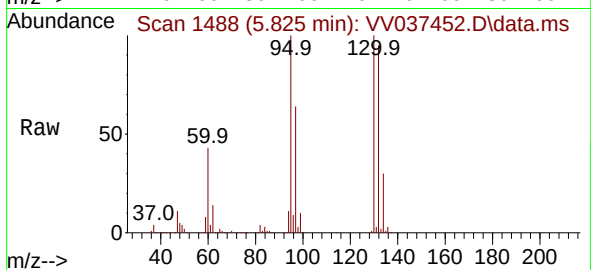
Ion Ratio Lower Upper

95 100

97 64.5 46.5 86.5

132 94.9 65.5 121.7

130 100.2 71.3 132.3



#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

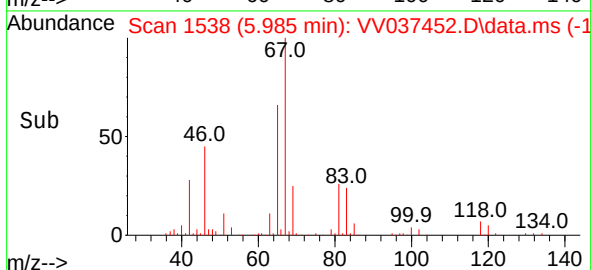
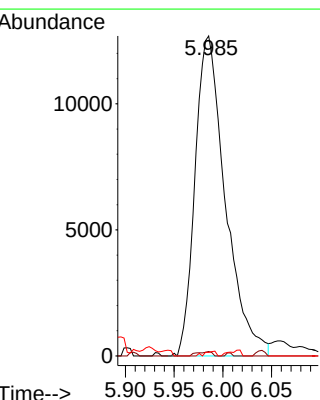
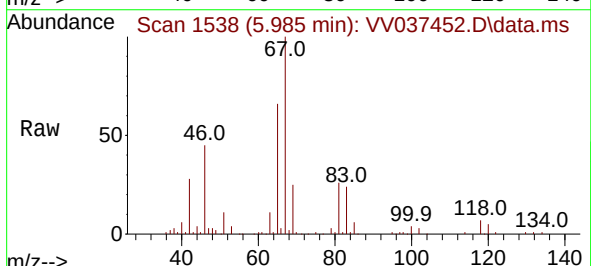
Tgt Ion: 83 Resp: 27430

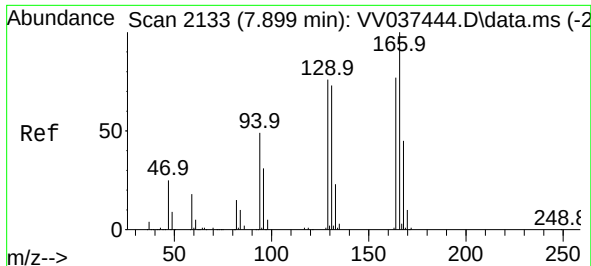
Ion Ratio Lower Upper

83 100

55 0.7 60.3 90.5#

98 0.0 38.2 57.4#





#47

Tetrachloroethene

Concen: 8.068 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 137925

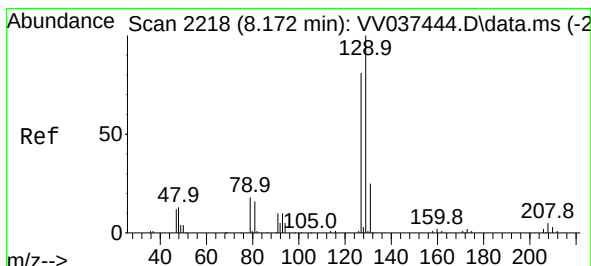
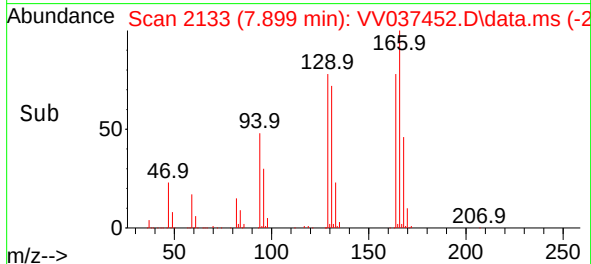
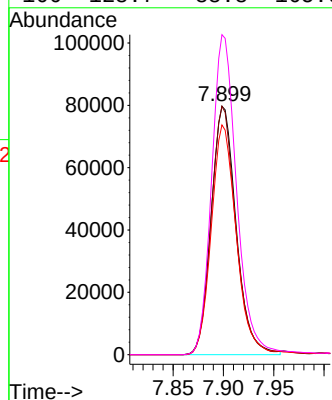
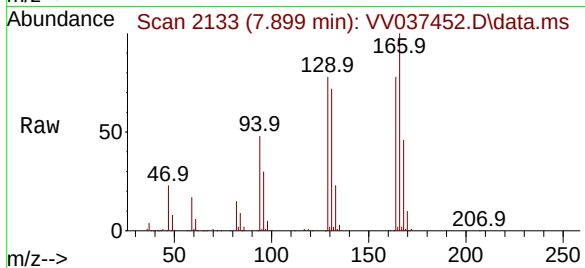
Ion Ratio Lower Upper

164 100

129 99.9 69.2 128.4

131 92.4 66.6 123.8

166 128.7 88.8 165.0



#49

Dibromochloromethane

Concen: 7.497 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.273 min

Lab File: VV037452.D

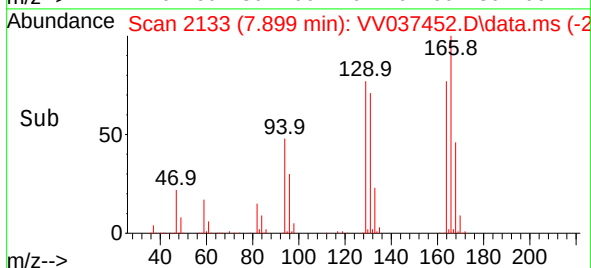
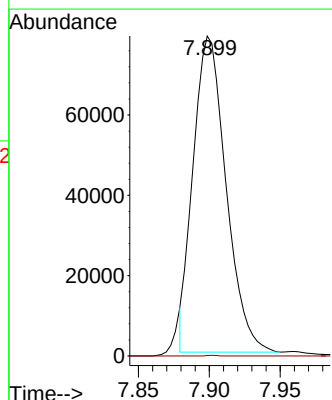
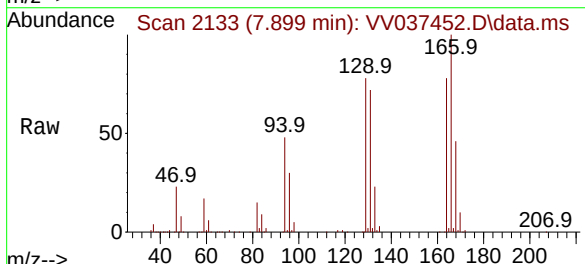
Acq: 21 Sep 2024 00:07

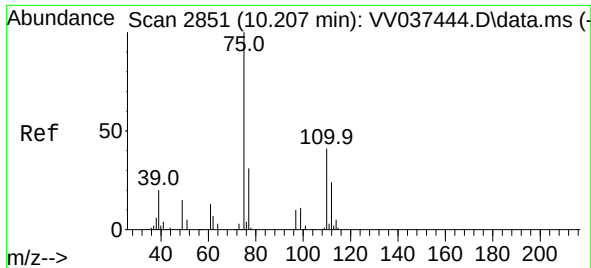
Tgt Ion:129 Resp: 126771

Ion Ratio Lower Upper

129 100

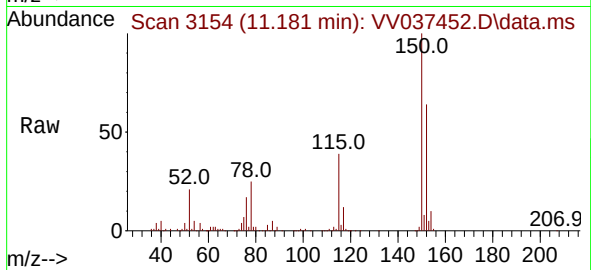
127 0.2 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.327 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV037452.D
 Acq: 21 Sep 2024 00:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	16188
Ion Ratio	Lower	Upper
75	100	
77	32.4	25.6 38.4
110	3.1	31.0 46.4#

