

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018904.D
 Acq On : 14 Oct 2020 19:31
 Operator : SY/MD
 Sample : L4351-07DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5DL

Quant Time: Oct 15 02:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294383	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122121	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	101311	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.54%
11) 1,1-Dichloroethene-d2	2.12	63	181015	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
21) 2-Butanone-d5	3.91	46	158889	94.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.07%
24) Chloroform-d	4.37	84	221672	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
26) 1,2-Dichloroethane-d4	5.05	65	156277	54.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.16%
32) Benzene-d6	5.07	84	449396	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
36) 1,2-Dichloropropane-d6	6.09	67	147136	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.30%
41) Toluene-d8	7.34	98	398447	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%
43) trans-1,3-Dichloropropene-	7.64	79	68349	51.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.92%
47) 2-Hexanone-d5	8.11	63	90161	89.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149456	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	155856	56.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.06%

Target Compounds

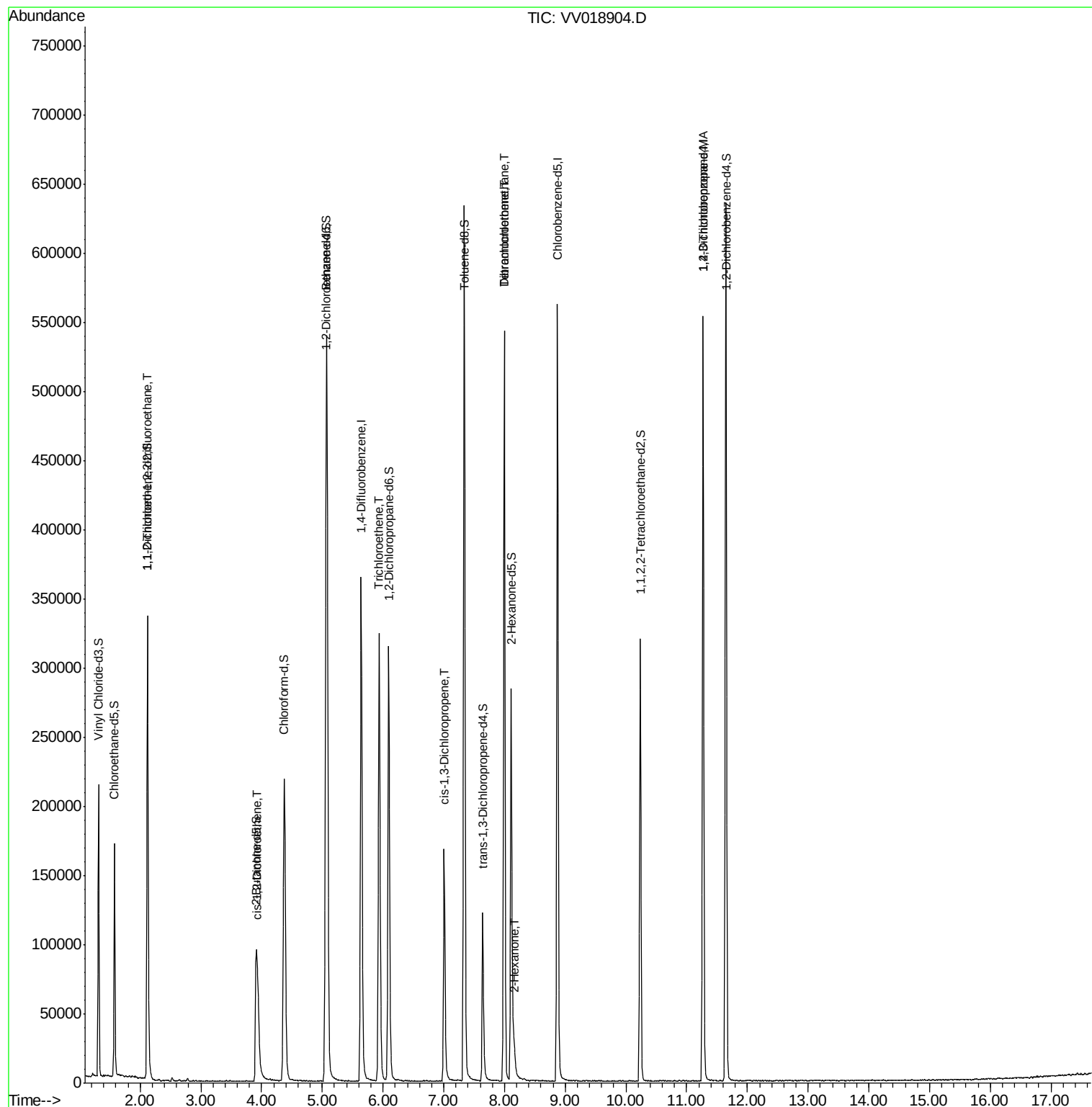
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1629	0.853 ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	17288	7.593 ug/L	94
34) Trichloroethene	5.94	95	105960	41.173 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4046	1.127 ug/L #	55
46) Tetrachloroethene	8.00	164	115787	63.839 ug/L	98
48) 2-Hexanone	8.16	43	14008	5.362 ug/L #	53
49) Dibromochloromethane	8.00	129	105887	45.007 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	16725	5.784 ug/L #	86

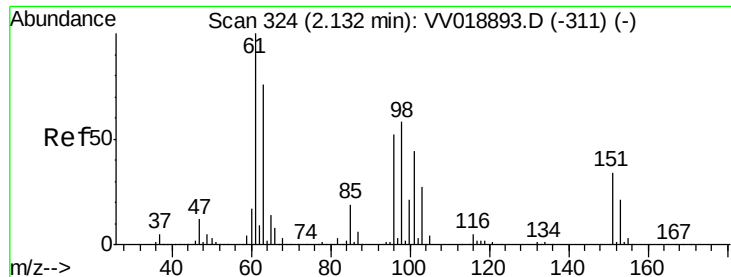
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101420\
Data File : VV018904.D
Acq On : 14 Oct 2020 19:31
Operator : SY/MD
Sample : L4351-07DL 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG5DL

Quant Time: Oct 15 02:09:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 15 02:07:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.853 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

C0AG5DL

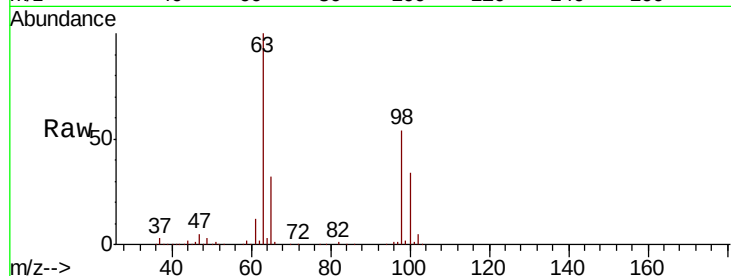
Tot Ion:101 Resp: 1629

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

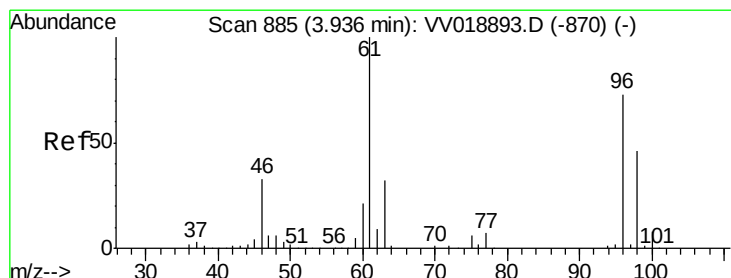
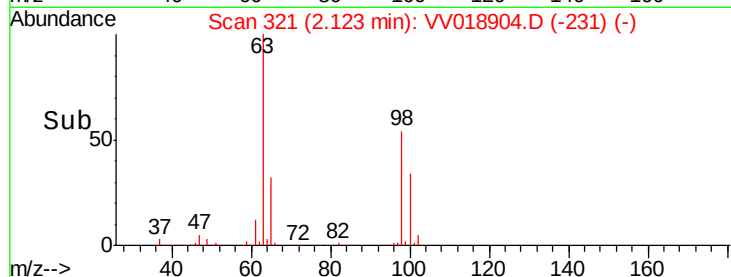
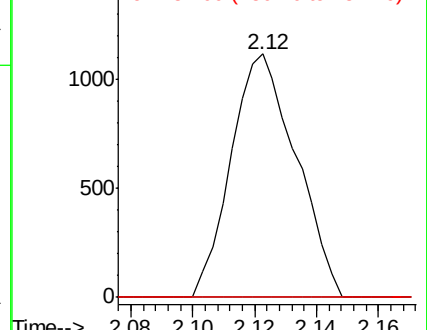
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 7.593 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

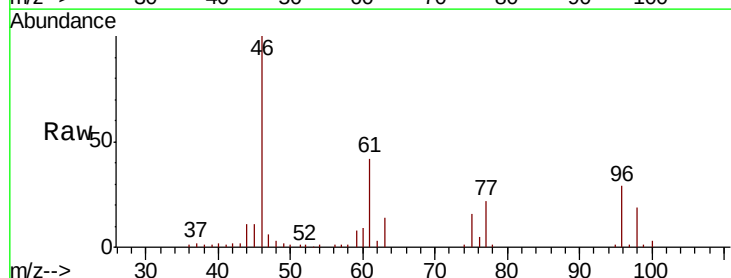
Tgt Ion: 96 Resp: 17288

Ion Ratio Lower Upper

96 100

61 144.9 96.1 178.5

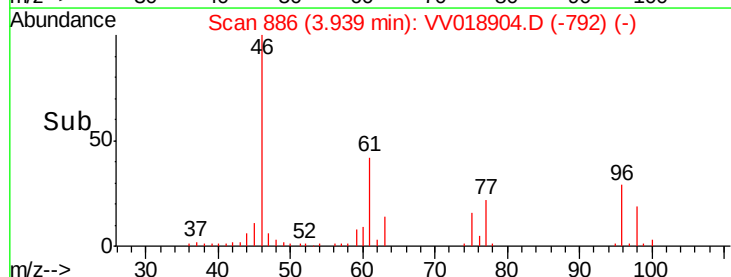
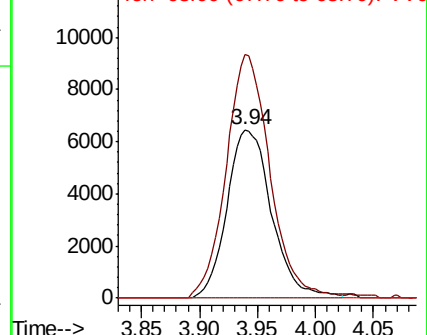
68 0.0 0.0 0.0

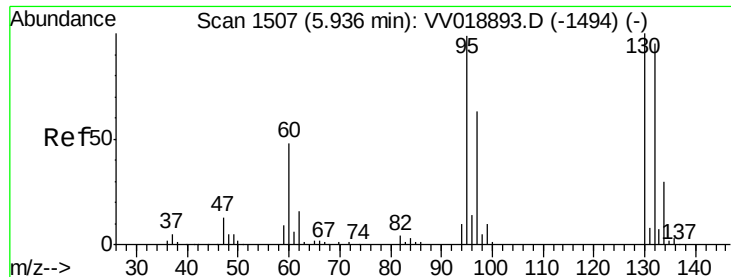


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 41.173 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

C0AG5DL

Tot Ion: 95 Resp: 105960

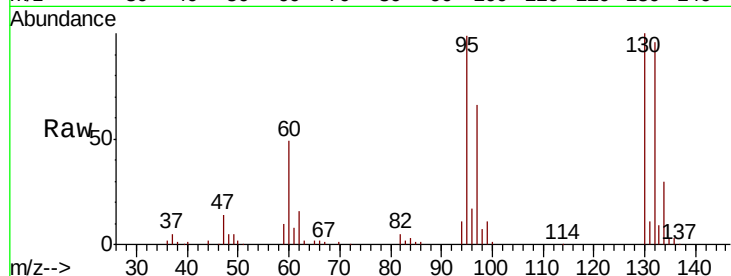
Ion Ratio Lower Upper

95 100

97 67.1 44.7 82.9

132 97.4 67.0 124.4

130 101.2 70.8 131.6



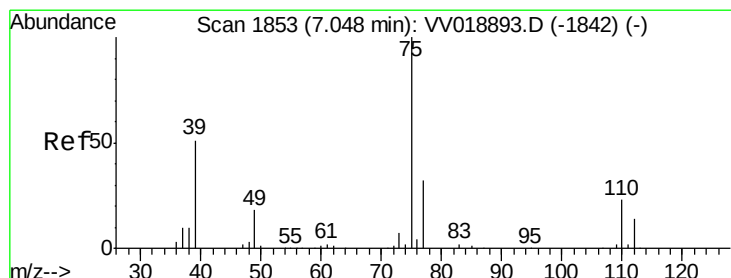
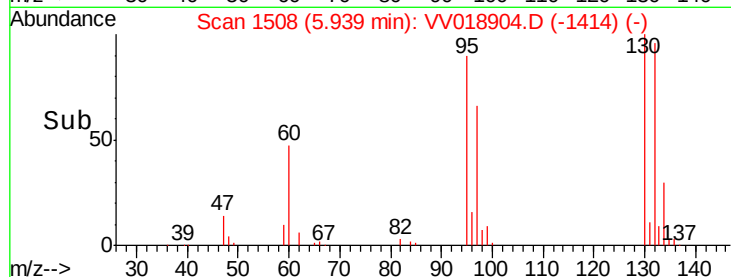
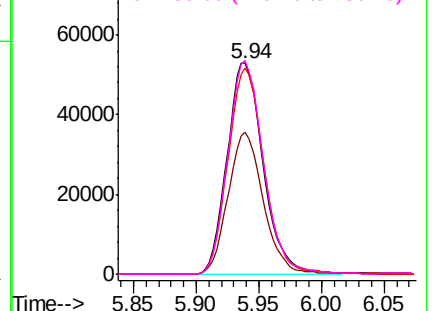
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.127 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018904.D

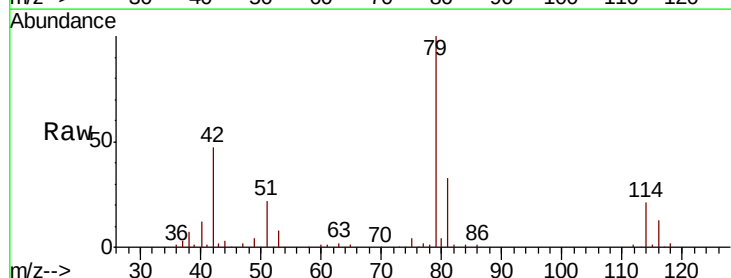
Acq: 14 Oct 2020 19:31

Tgt Ion: 75 Resp: 4046

Ion Ratio Lower Upper

75 100

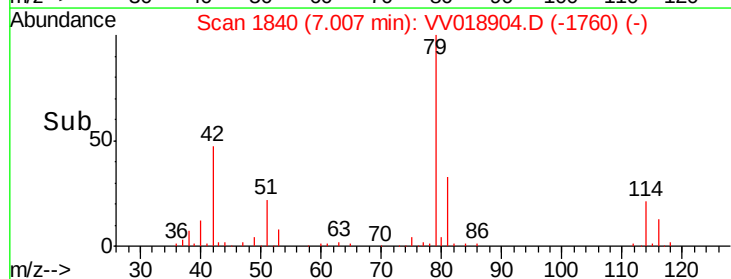
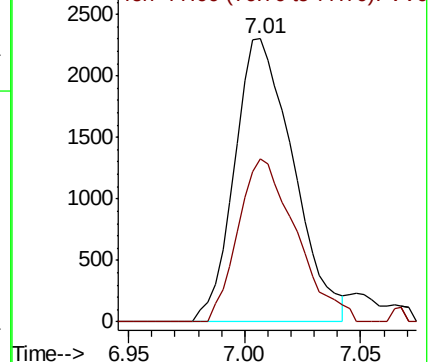
77 57.4 22.5 41.9#

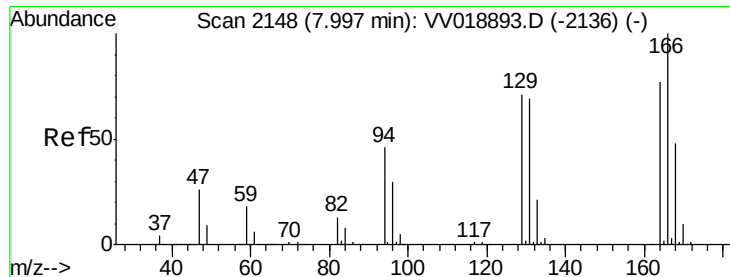


Abundance

Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 63.839 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

C0AG5DL

Tot Ion:164 Resp: 115787

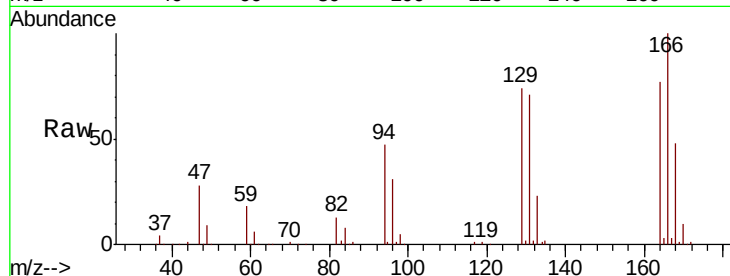
Ion Ratio Lower Upper

164 100

129 95.6 65.0 120.8

131 91.5 62.9 116.7

166 129.6 91.1 169.3

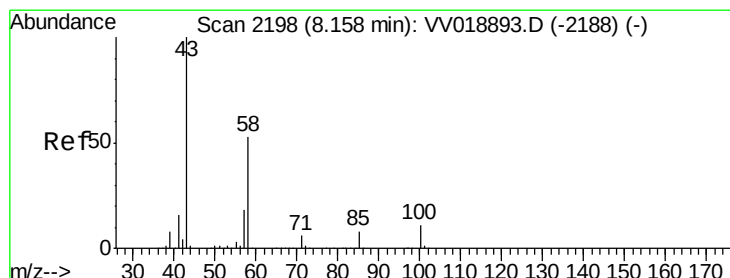
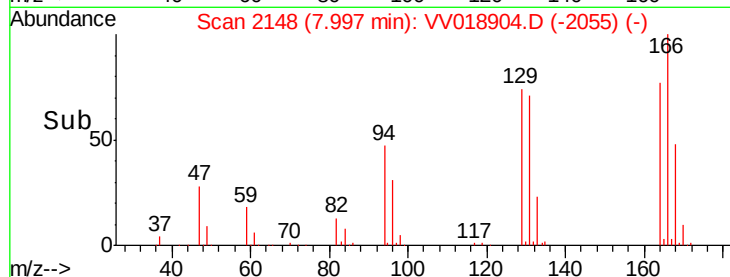
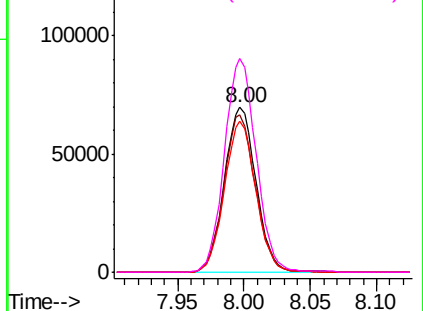


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.362 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

Tgt Ion: 43 Resp: 14008

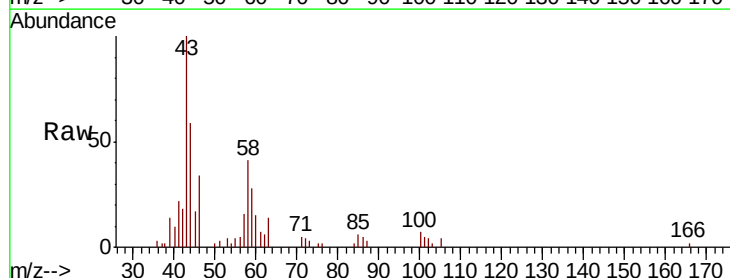
Ion Ratio Lower Upper

43 100

58 6.3 42.5 63.7#

57 13.1 14.5 21.7#

100 5.3 9.0 13.4#

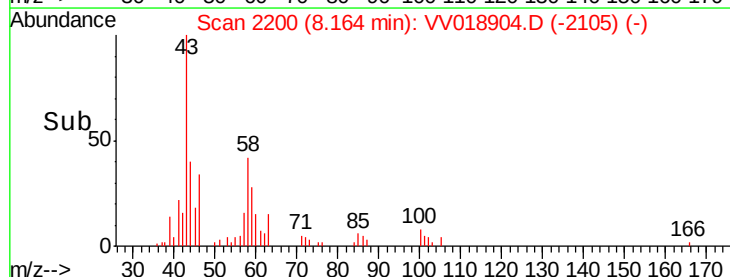
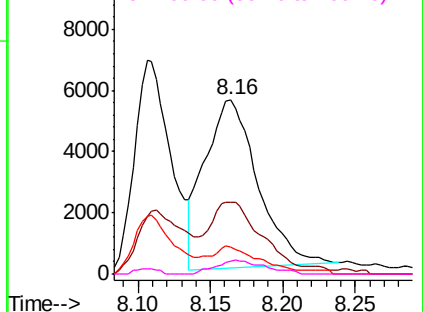


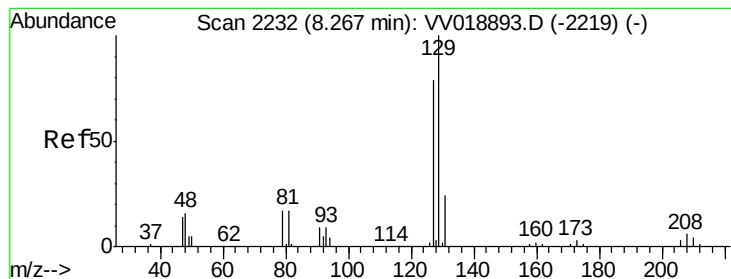
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 45.007 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

Instrument :

MSVOA_V

ClientSampled :

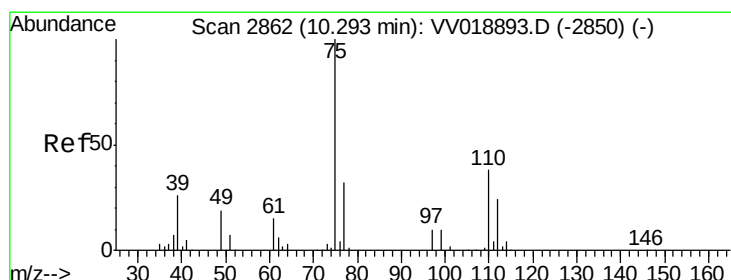
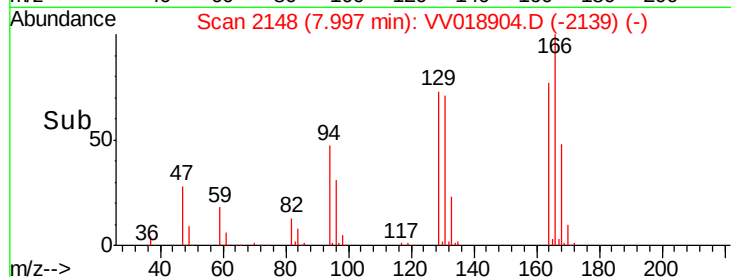
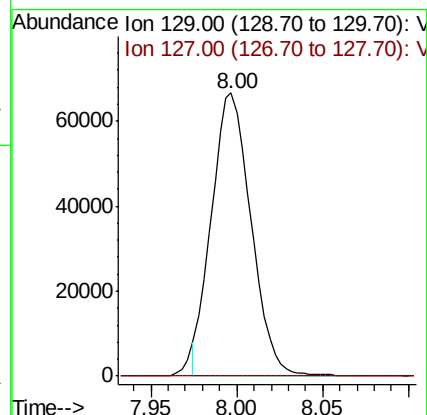
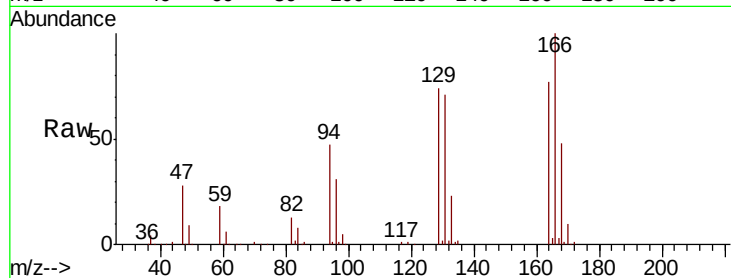
C0AG5DL

Tot Ion:129 Resp: 105887

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

1,2,3-Trichloropropane

Concen: 5.784 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018904.D

Acq: 14 Oct 2020 19:31

Tgt Ion: 75 Resp: 16725

Ion Ratio Lower Upper

75 100

77 39.3 25.4 38.2#

