

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018378.D
 Acq On : 21 Sep 2020 18:15
 Operator : SY/MD
 Sample : L4090-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY5

Quant Time: Sep 22 04:37:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288220	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84452	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.90%
7) Chloroethane-d5	1.58	69	75329	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.38%
11) 1,1-Dichloroethene-d2	2.12	63	132468	30.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.48%
21) 2-Butanone-d5	3.92	46	118711	82.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.57%
24) Chloroform-d	4.38	84	168026	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.46%
26) 1,2-Dichloroethane-d4	5.06	65	112140	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
32) Benzene-d6	5.08	84	336914	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.04%
36) 1,2-Dichloropropane-d6	6.10	67	110620	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.80%
41) Toluene-d8	7.34	98	297507	40.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.46%
43) trans-1,3-Dichloropropene-	7.64	79	53123	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
47) 2-Hexanone-d5	8.11	63	76432	78.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132680	41.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	128992	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

Target Compounds

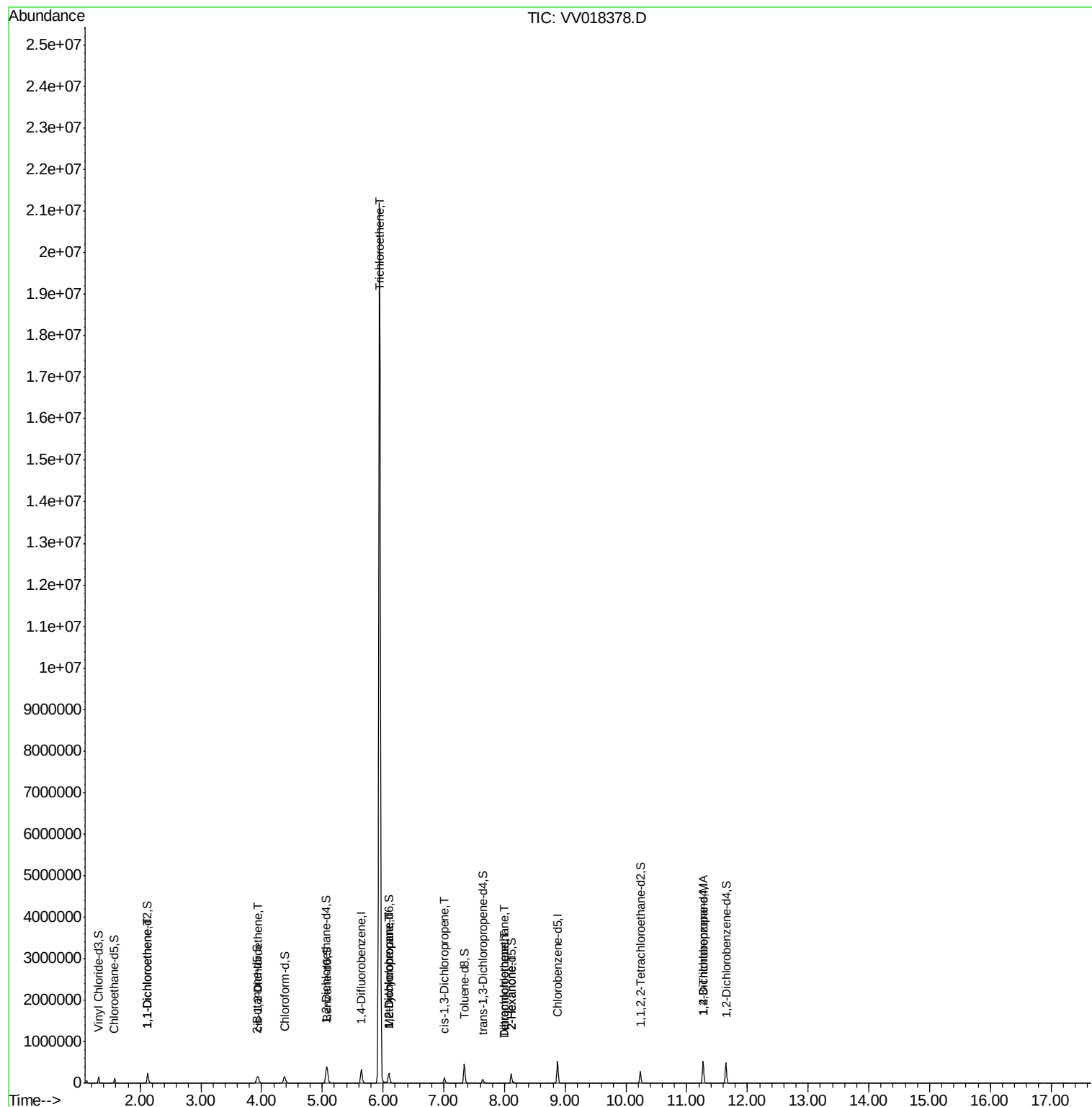
					Ovalue
12) 1,1-Dichloroethene	2.14	96	5033	2.660 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	68129	32.678 ug/L	97
34) Trichloroethene	5.94	95	7314525	3313.105 ug/L	99
35) Methylcyclohexane	6.10	83	26702	8.033 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11635	5.418 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2840	0.858 ug/L #	60
46) Tetrachloroethene	8.00	164	1955	1.129 ug/L	95
48) 2-Hexanone	8.11	43	9374	4.564 ug/L #	72
49) Dibromochloromethane	8.00	129	1810	0.810 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	15697	6.214 ug/L	94

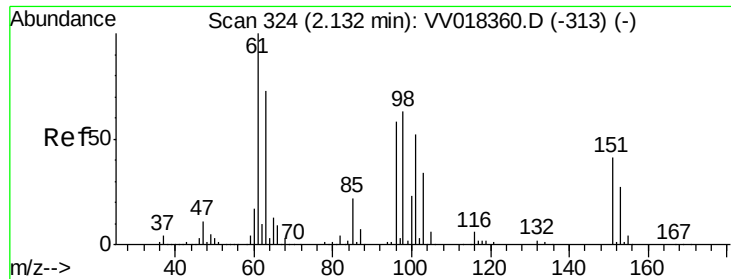
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092120\
Data File : VV018378.D
Acq On : 21 Sep 2020 18:15
Operator : SY/MD
Sample : L4090-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFWY5

Quant Time: Sep 22 04:37:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 04:28:24 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.660 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

BFWY5

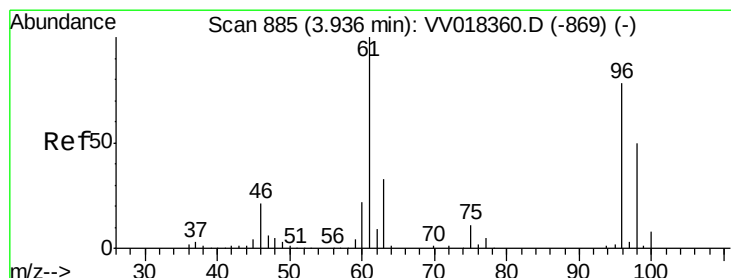
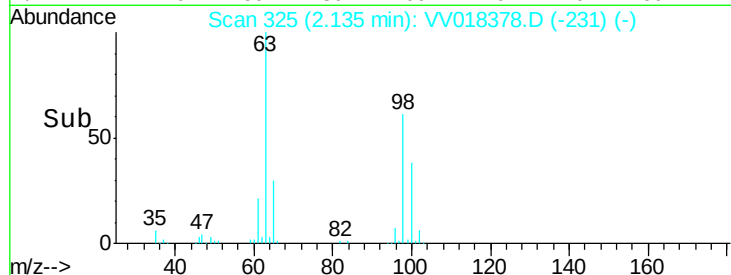
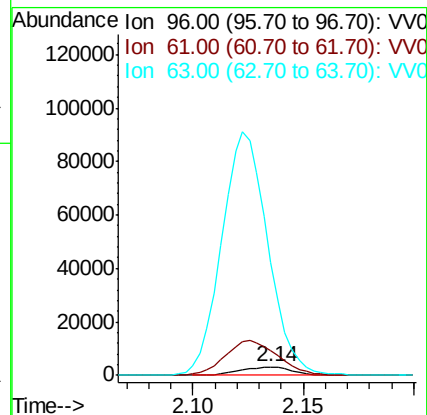
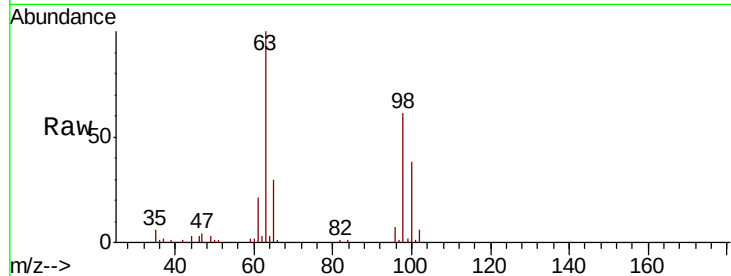
Tot Ion: 96 Resp: 5033

Ion Ratio Lower Upper

96 100

61 299.2 122.9 228.3#

63 1405.9 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 32.678 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

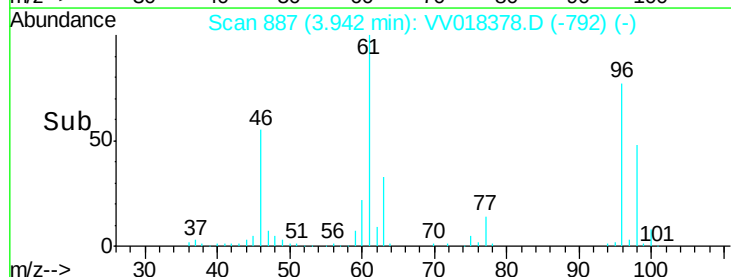
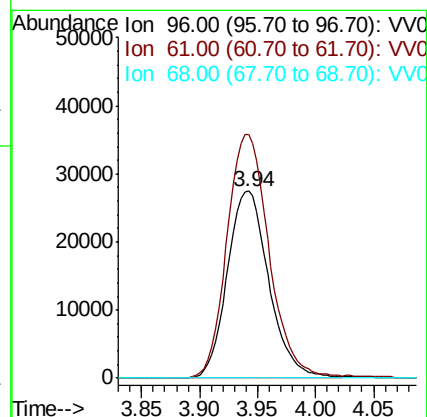
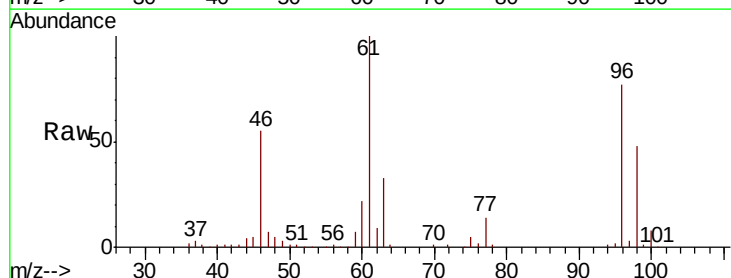
Tgt Ion: 96 Resp: 68129

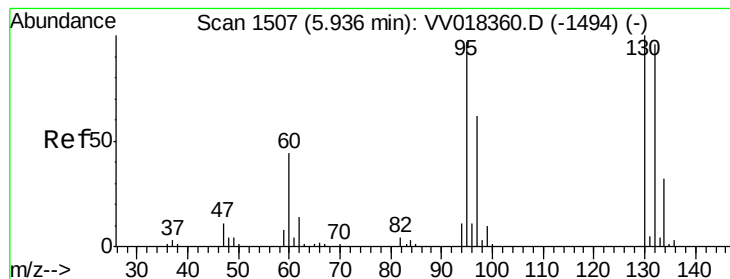
Ion Ratio Lower Upper

96 100

61 130.0 93.6 173.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3313.105 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

BFWY5

Tot Ion: 95 Resp: 7314525

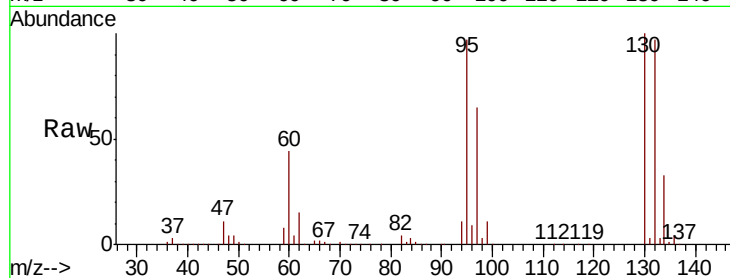
Ion Ratio Lower Upper

95 100

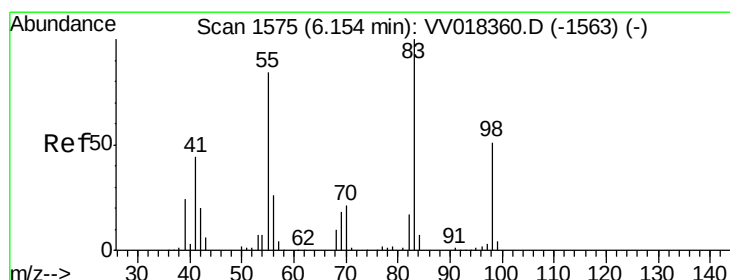
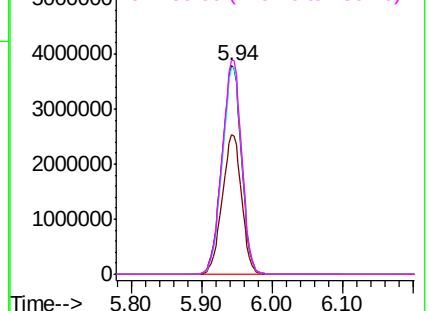
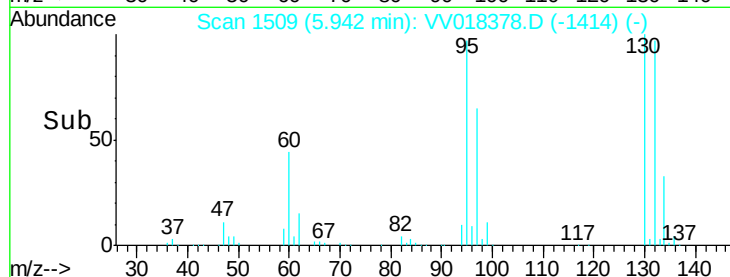
97 66.8 46.3 85.9

132 99.2 68.1 126.5

130 102.6 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV018378.D (-1414) (-)



#35

Methylcyclohexane

Concen: 8.033 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

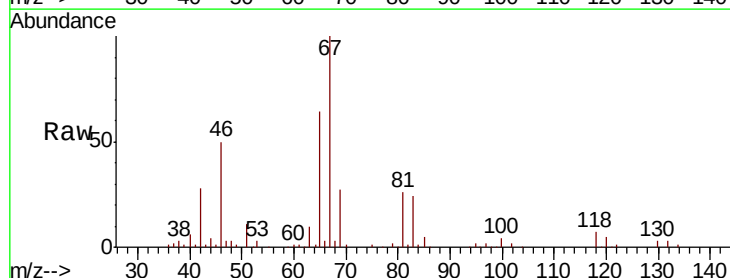
Tgt Ion: 83 Resp: 26702

Ion Ratio Lower Upper

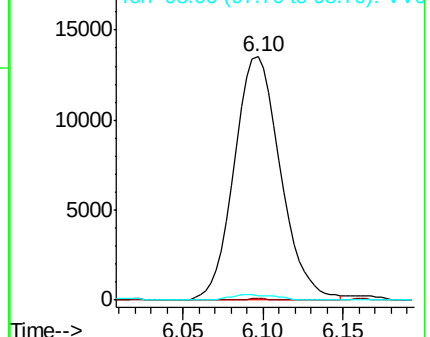
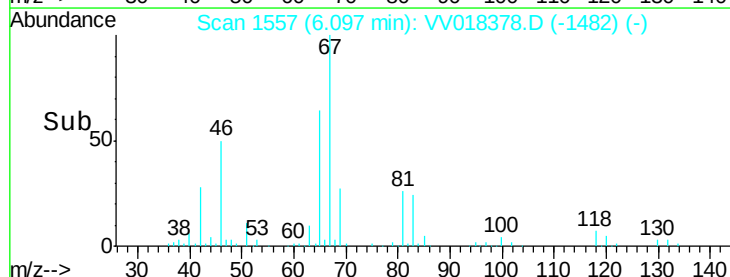
83 100

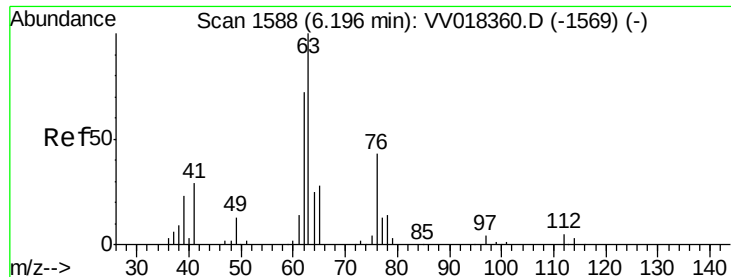
55 0.2 63.4 95.2#

98 2.2 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV018378.D (-1482) (-)





#37

1,2-Dichloropropane

Concen: 5.418 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

Instrument :

MSVOA_V

ClientSampled :

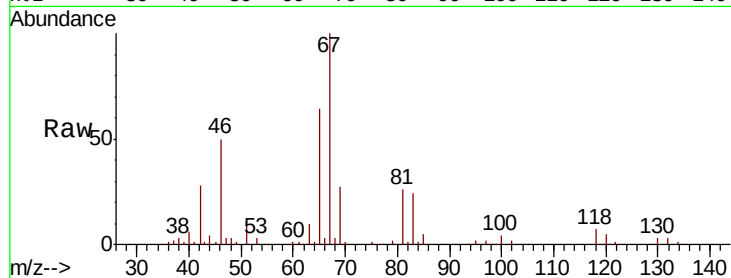
BFWY5

Tot Ion: 63 Resp: 11635

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018360.D (-1569) (-)

Ion 112.00 (111.70 to 112.70): VV018360.D (-1569) (-)

6.10

6000

5000

4000

3000

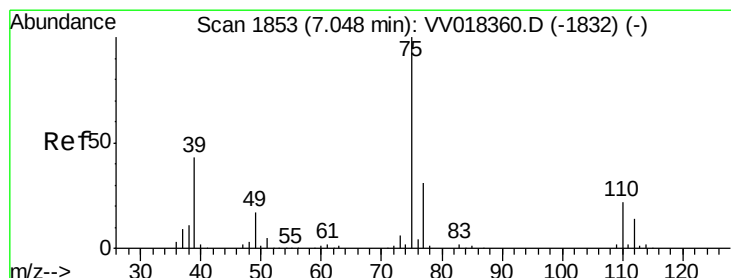
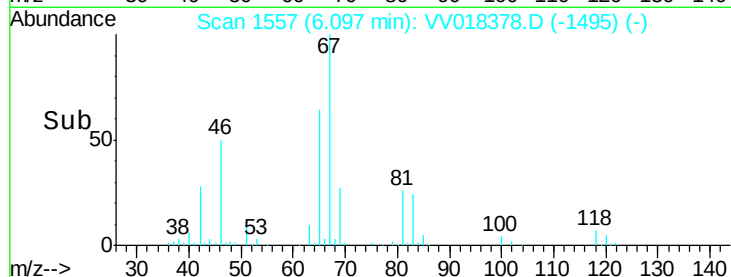
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018378.D

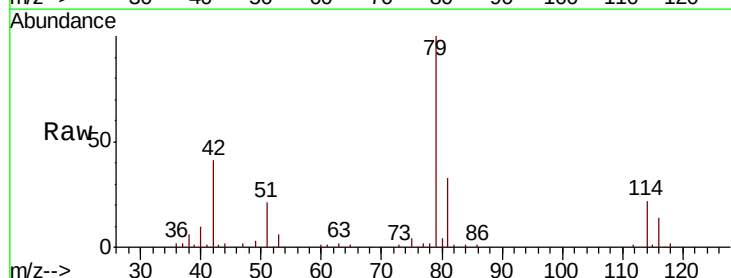
Acq: 21 Sep 2020 18:15

Tgt Ion: 75 Resp: 2840

Ion Ratio Lower Upper

75 100

77 54.0 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV018360.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018360.D (-1832) (-)

7.01

1500

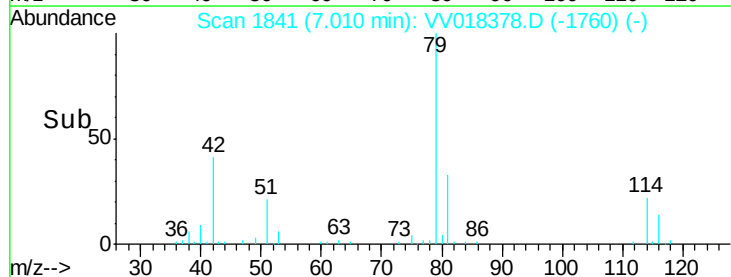
1000

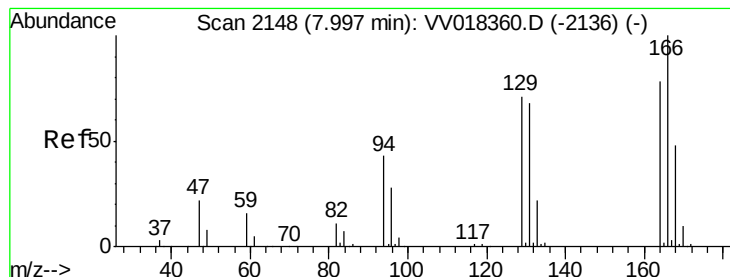
500

0

7.00 7.05

Time-->





#46

Tetrachloroethene

Concen: 1.129 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

BFWY5

Tot Ion:164 Resp: 1955

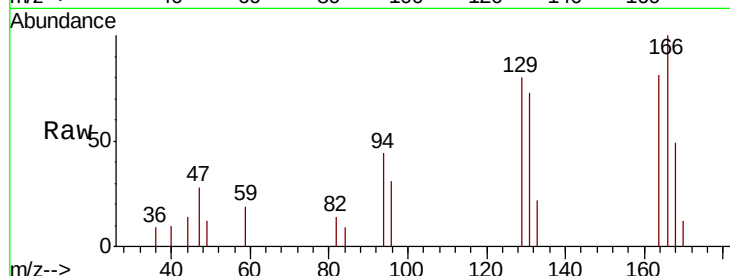
Ion Ratio Lower Upper

164 100

129 99.3 64.5 119.7

131 89.9 61.8 114.8

166 123.5 90.6 168.2

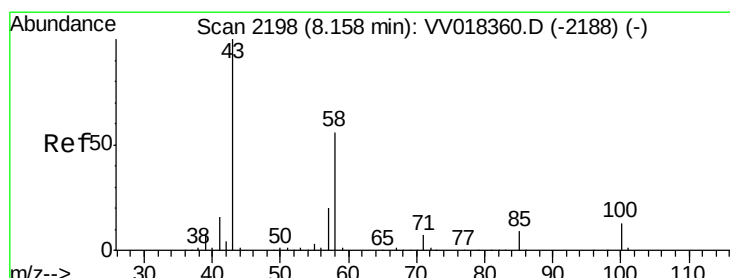
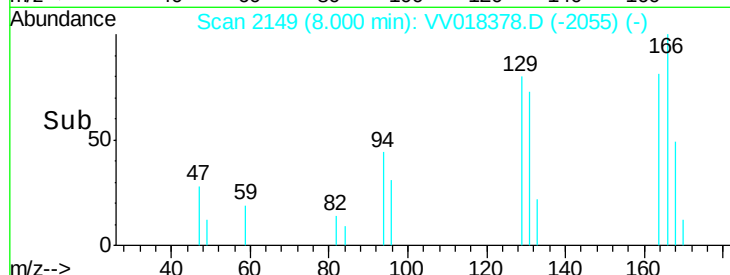
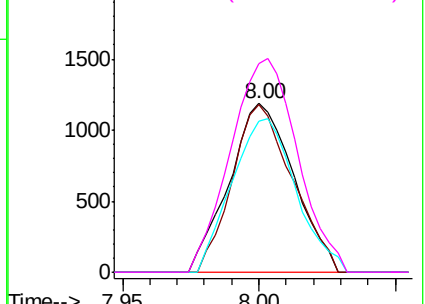


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.564 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

Tgt Ion: 43 Resp: 9374

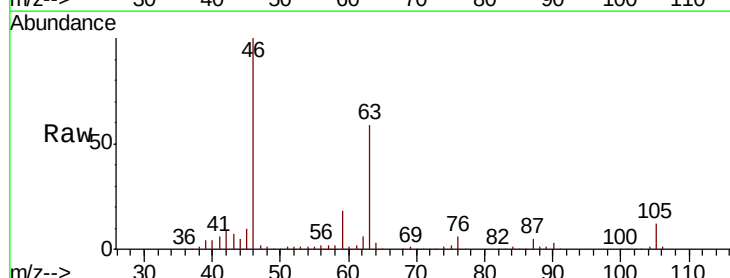
Ion Ratio Lower Upper

43 100

58 34.9 44.8 67.2#

57 31.6 15.8 23.6#

100 1.2 10.2 15.4#

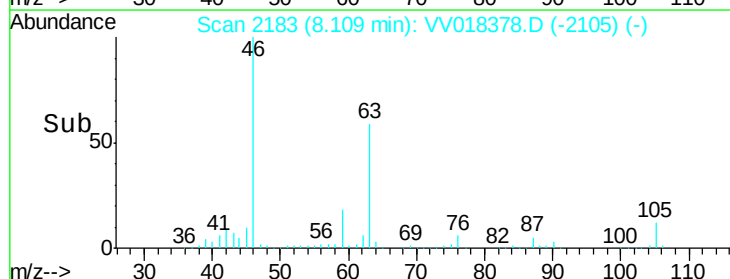
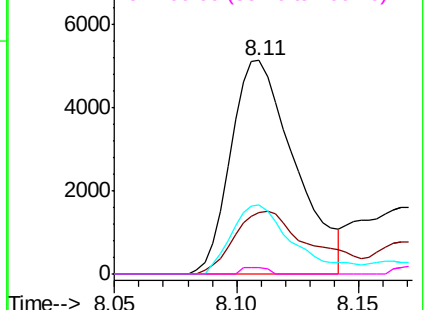


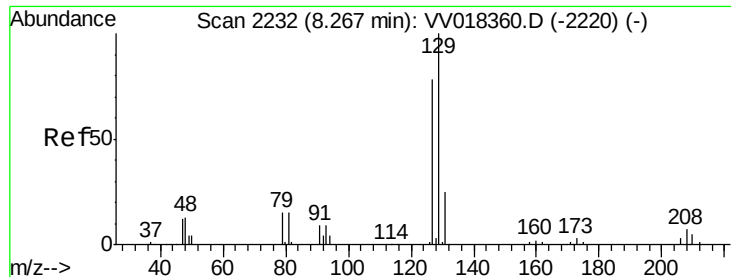
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.810 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV018378.D

Acq: 21 Sep 2020 18:15

Instrument :

MSVOA_V

ClientSampled :

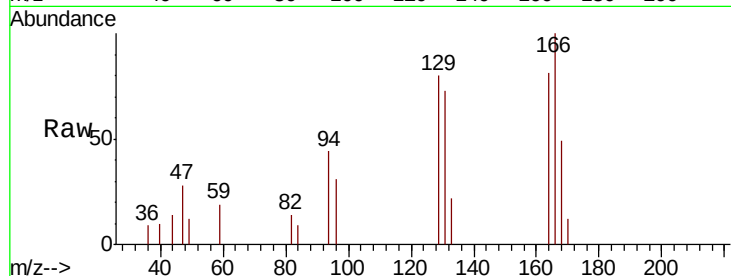
BFWY5

Tot Ion:129 Resp: 1810

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

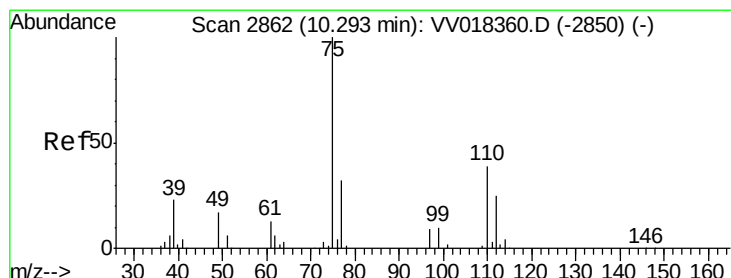
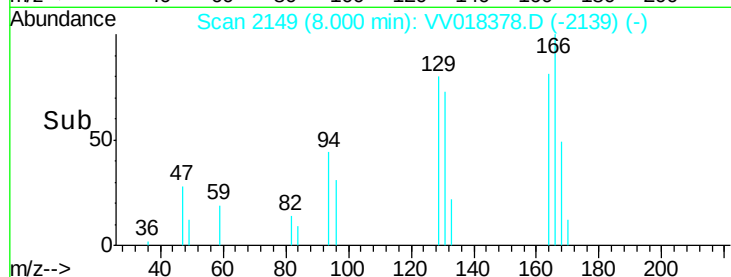
8.00

1000

500

0

Time--> 7.96 7.98 8.00 8.02 8.04



#59

1,2,3-Trichloropropane

Concen: 6.214 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018378.D

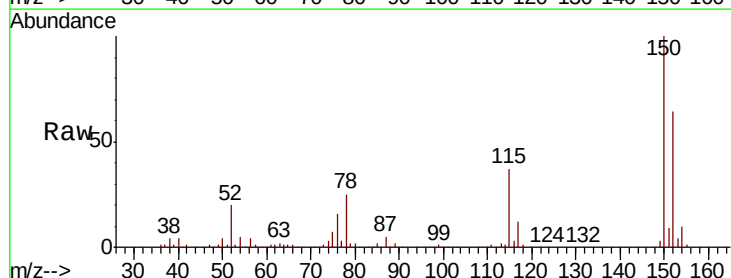
Acq: 21 Sep 2020 18:15

Tgt Ion: 75 Resp: 15697

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

12000

10000

8000

6000

4000

2000

0

Time--> 11.20 11.25 11.30

