

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018250.D
 Acq On : 16 Sep 2020 21:26
 Operator : SY/MD
 Sample : L4042-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95931	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.58	69	78412	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.06%
11) 1,1-Dichloroethene-d2	2.12	63	138221	29.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.80%#
21) 2-Butanone-d5	3.92	46	119759	77.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.65%
24) Chloroform-d	4.38	84	170189	38.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.86%
26) 1,2-Dichloroethane-d4	5.06	65	113089	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.70%
32) Benzene-d6	5.08	84	339903	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.98%
36) 1,2-Dichloropropane-d6	6.09	67	108460	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.32%
41) Toluene-d8	7.34	98	305556	38.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.92%#
43) trans-1,3-Dichloropropene-	7.64	79	51128	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.66%
47) 2-Hexanone-d5	8.11	63	87888	83.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143106	41.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	129680	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%

Target Compounds

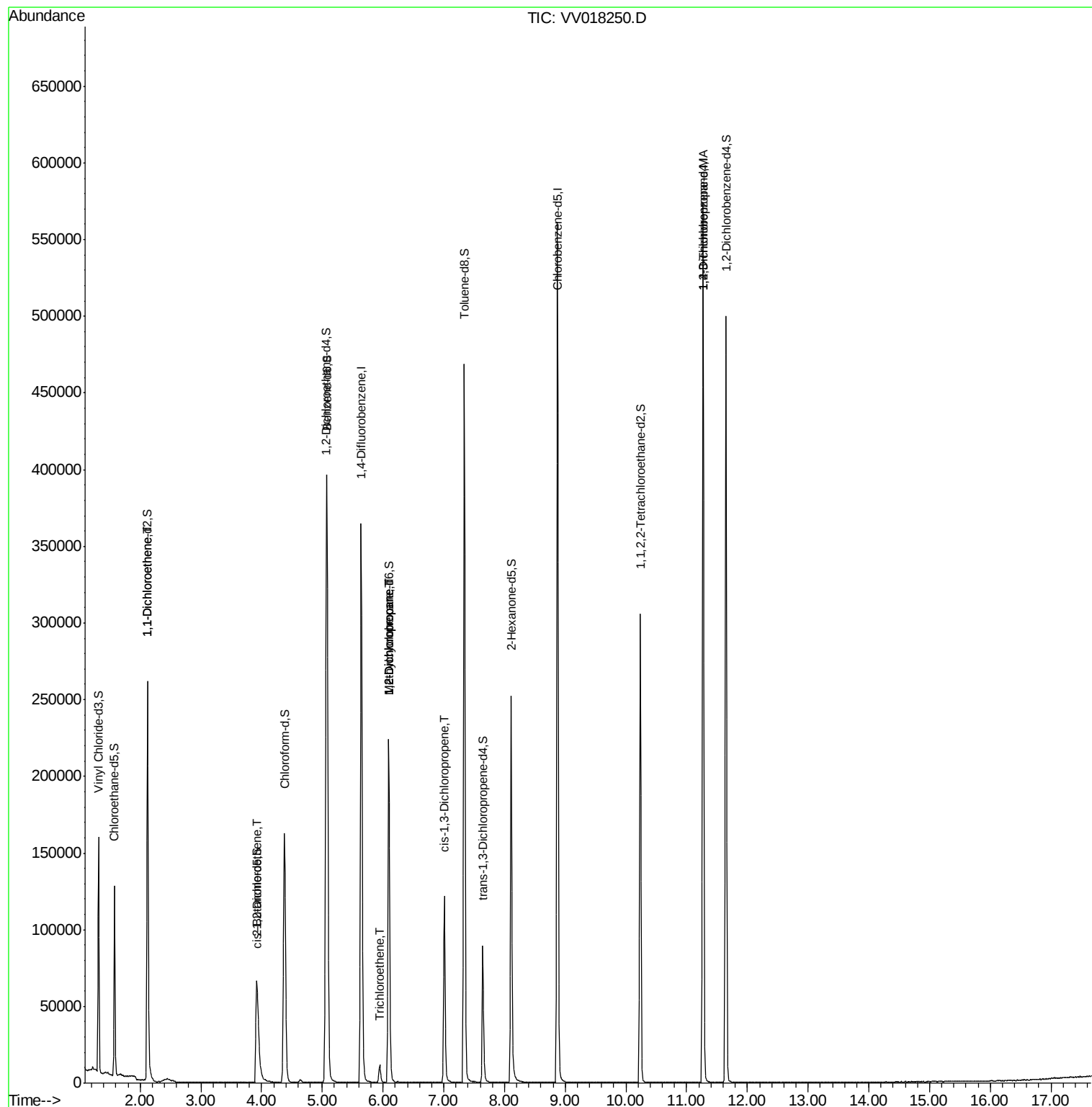
					Ovalue
12) 1,1-Dichloroethene	2.13	96	3647	1.796 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	2878	1.287 ug/L	89
34) Trichloroethene	5.95	95	3948	1.665 ug/L	96
35) Methylcyclohexane	6.10	83	26107	7.311 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12350	5.353 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2866	0.806 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	16709	6.158 ug/L	92

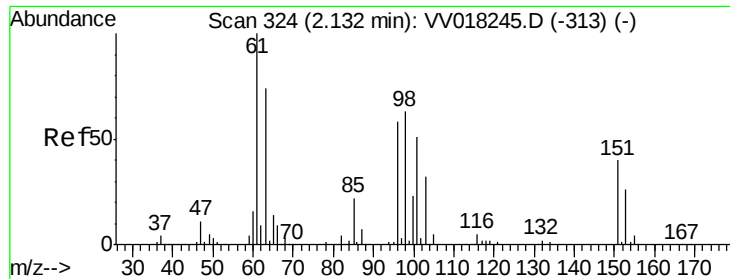
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091620\
Data File : VV018250.D
Acq On : 16 Sep 2020 21:26
Operator : SY/MD
Sample : L4042-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 17 05:35:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 17 05:33:55 2020
Response via : Initial Calibration

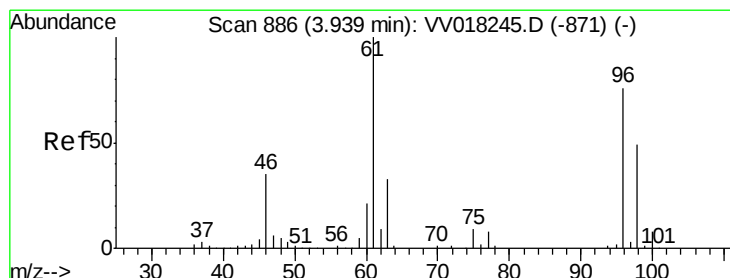
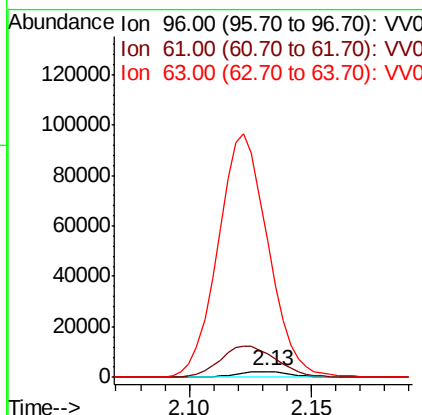
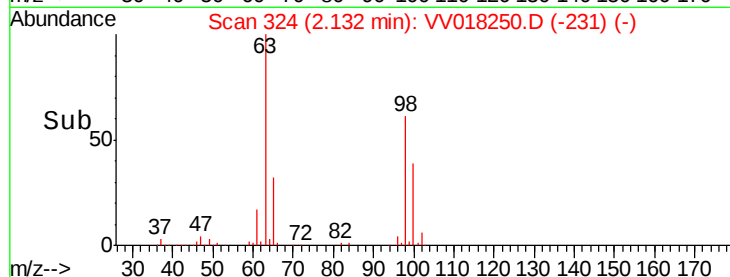
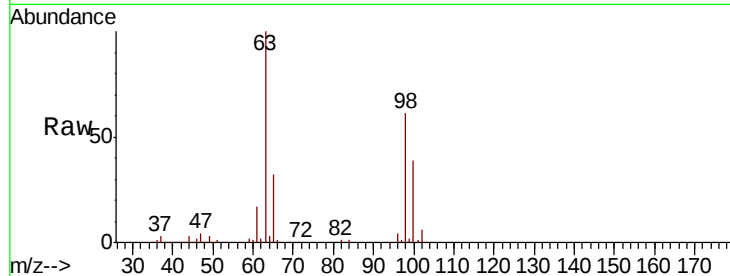




#12
 1,1-Dichloroethene
 Concen: 1.796 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV018250.D
 Acq: 16 Sep 2020 21:26

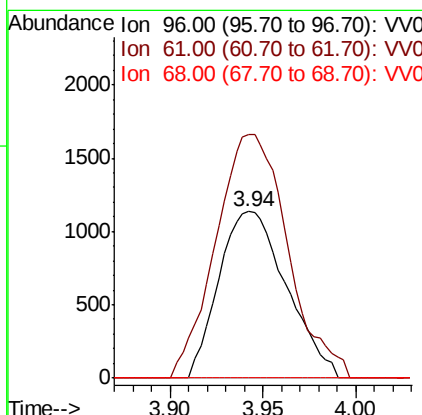
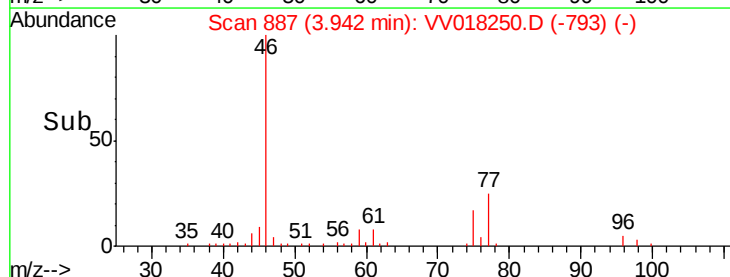
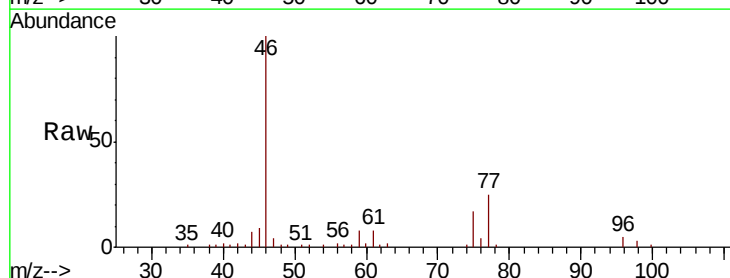
Instrument :
 MSVOA_V
 ClientSampleId :

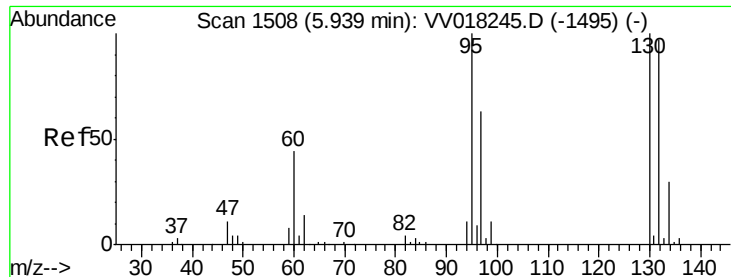
Tot Ion: 96 Resp: 3647
 Ion Ratio Lower Upper
 96 100
 61 395.2 122.9 228.3#
 63 2349.1 91.9 170.7#



#20
 cis-1,2-Dichloroethene
 Concen: 1.287 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018250.D
 Acq: 16 Sep 2020 21:26

Tgt Ion: 96 Resp: 2878
 Ion Ratio Lower Upper
 96 100
 61 146.3 93.6 173.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.665 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018250.D

Acq: 16 Sep 2020 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 3948

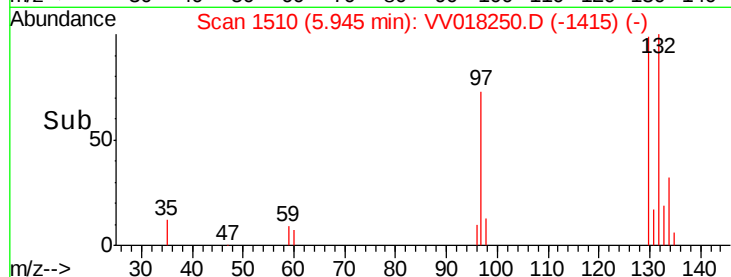
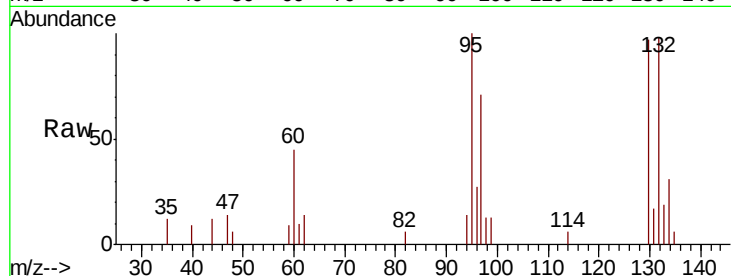
Ion Ratio Lower Upper

95 100

97 71.1 46.3 85.9

132 97.9 68.1 126.5

130 97.1 71.5 132.9

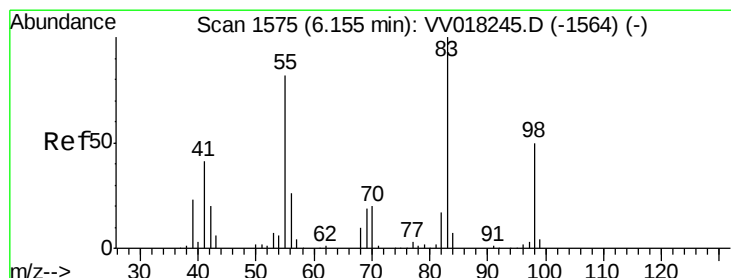
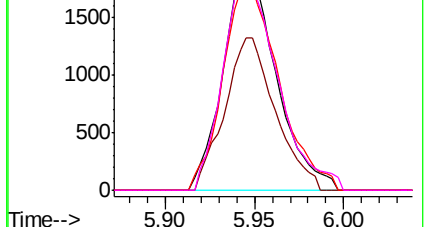


Abundance Ion 95.00 (94.70 to 95.70): VV018250.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV018250.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV018250.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV018250.D (-1415) (-)



#35

Methylcyclohexane

Concen: 7.311 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018250.D

Acq: 16 Sep 2020 21:26

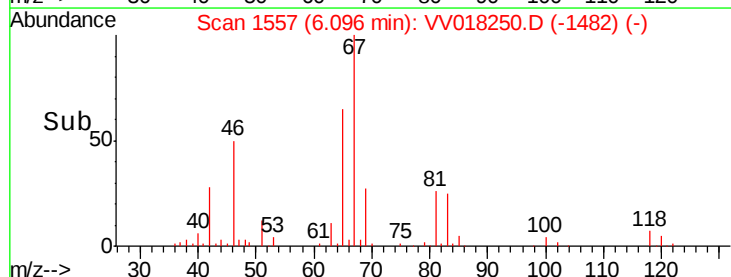
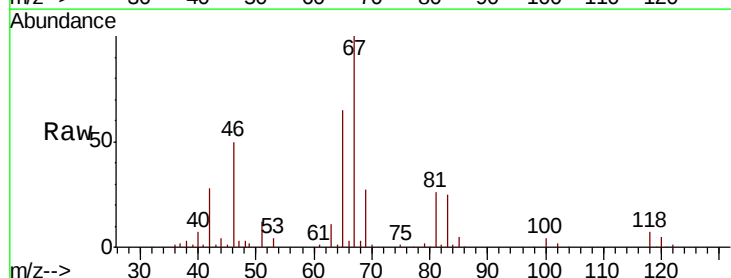
Tgt Ion: 83 Resp: 26107

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

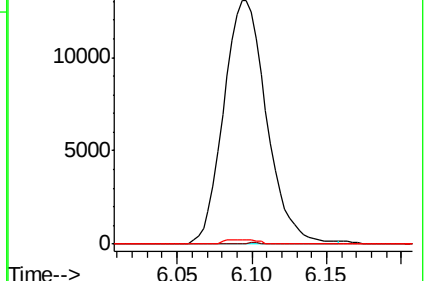
98 0.7 38.8 58.2#

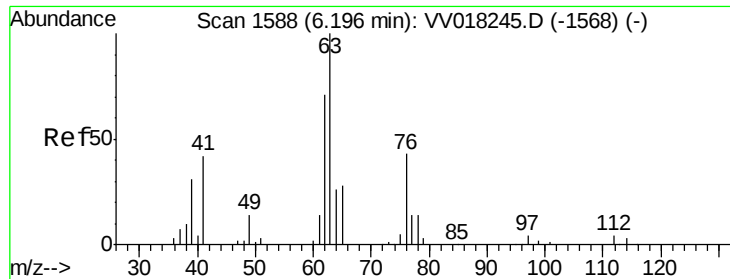


Abundance Ion 83.00 (82.70 to 83.70): VV018250.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV018250.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV018250.D (-1482) (-)





#37

1,2-Dichloropropane

Concen: 5.353 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018250.D

Acq: 16 Sep 2020 21:26

Instrument :

MSVOA_V

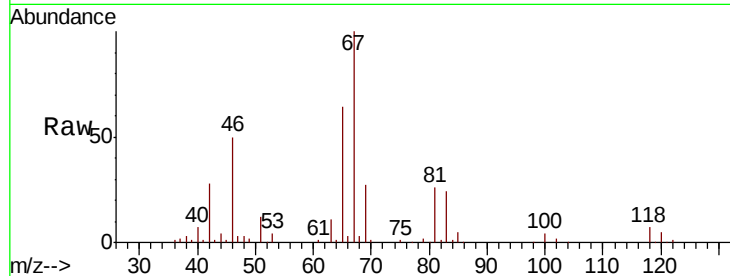
ClientSampleId :

Tot Ion: 63 Resp: 12350

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018245.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018245.D (-1568) (-)

6000

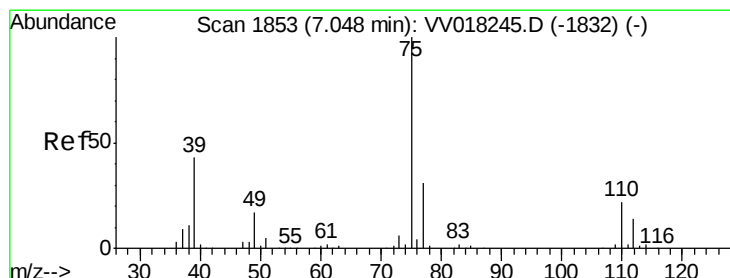
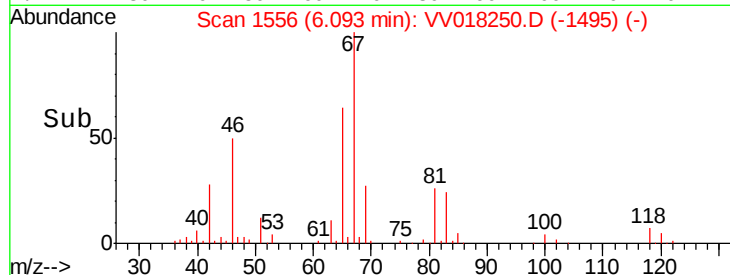
4000

2000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.806 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018250.D

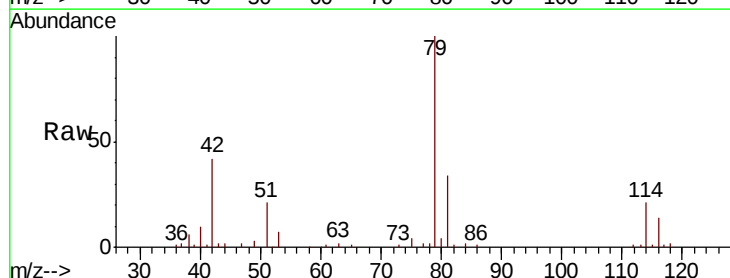
Acq: 16 Sep 2020 21:26

Tgt Ion: 75 Resp: 2866

Ion Ratio Lower Upper

75 100

77 47.9 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV018245.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018245.D (-1832) (-)

2000

1500

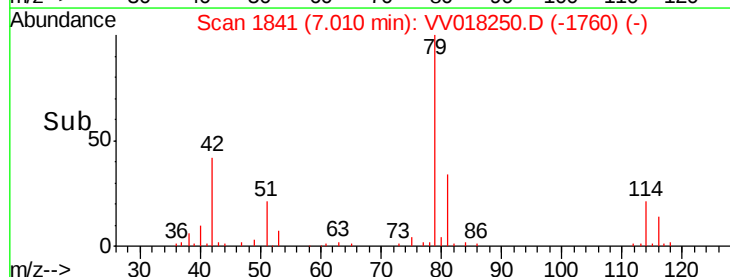
1000

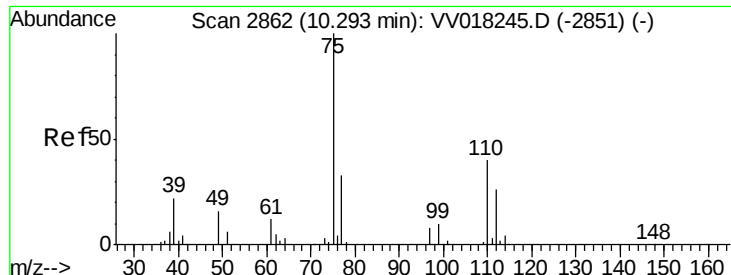
500

0

6.95 7.00 7.05

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.158 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018250.D

Acq: 16 Sep 2020 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16709

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6

