

Data File : VV008362.D
Acq On : 19 Oct 2018 14:37
Operator : SY/MD
Sample : J5589-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Oct 20 02:52:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127653	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37549	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	28530	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	54690	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.98	46	123878	51.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.40	84	84170	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.09	65	46441	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.10	84	178493	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	58468	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	160939	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.67	79	21868	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	75609	46.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30048	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	46875	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

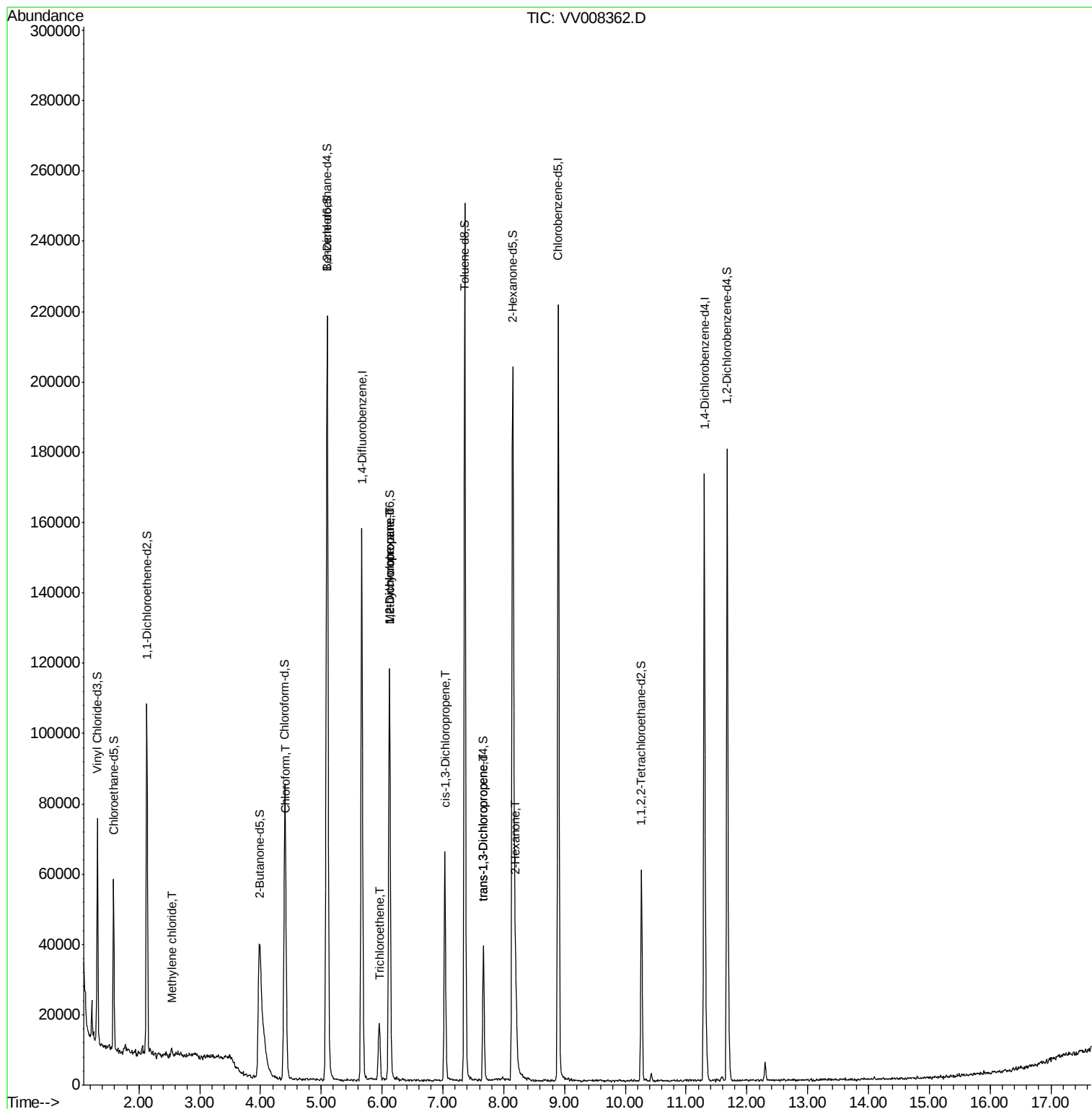
					Qvalue
16) Methylene chloride	2.54	84	1010	0.142 ug/L	89
25) Chloroform	4.42	83	1935	0.116 ug/L #	60
34) Trichloroethene	5.96	95	3295	0.307 ug/L	97
35) Methylcyclohexane	6.12	83	13245	0.733 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6210	0.595 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1542	0.104 ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1038	0.087 ug/L #	64
48) 2-Hexanone	8.20	43	18929	4.053 ug/L #	86

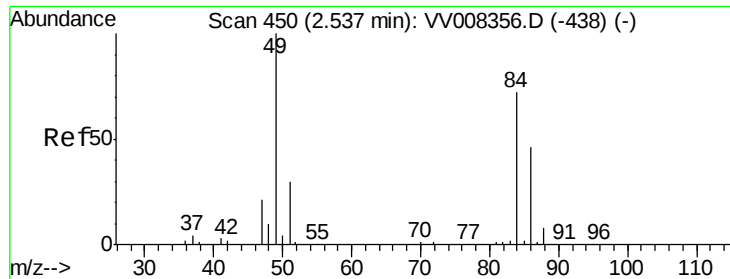
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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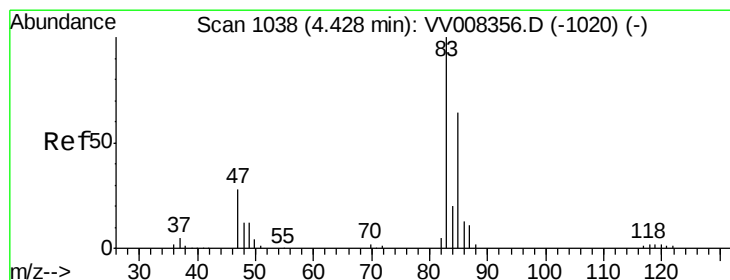
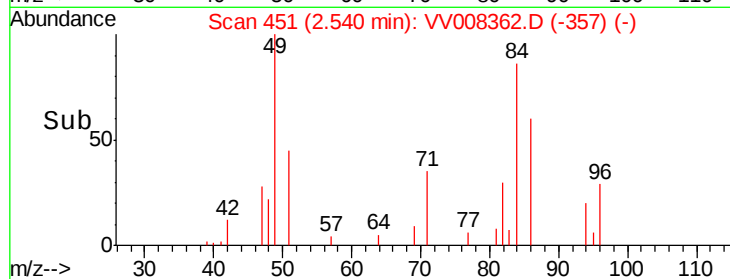
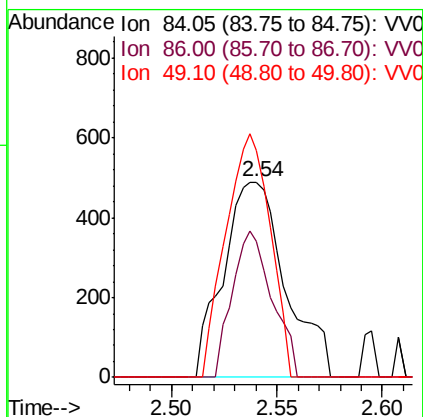
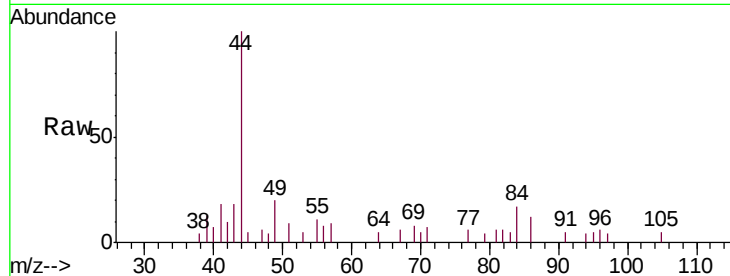




#16
Methylene chloride
Concen: 0.142 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008362.D
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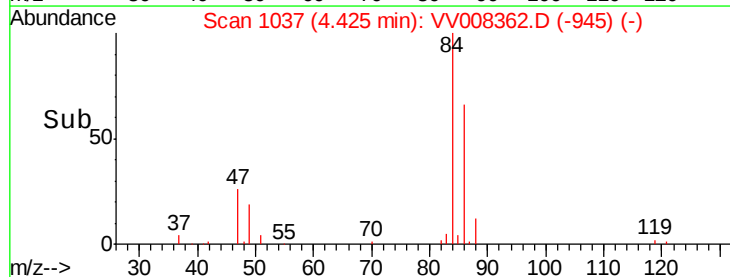
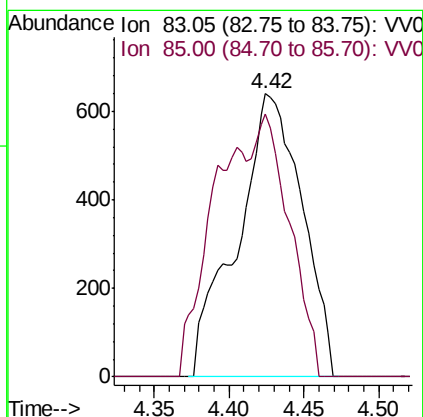
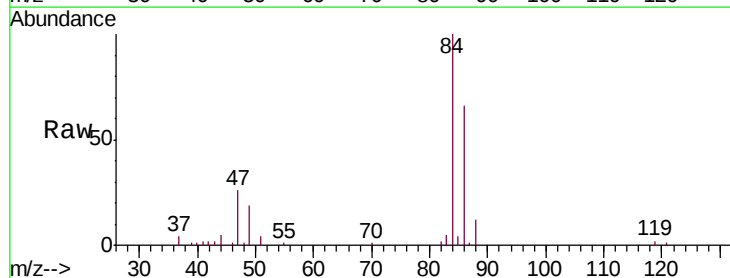
Instrument :
MSVOA_V
ClientSampled :
VHBLK02

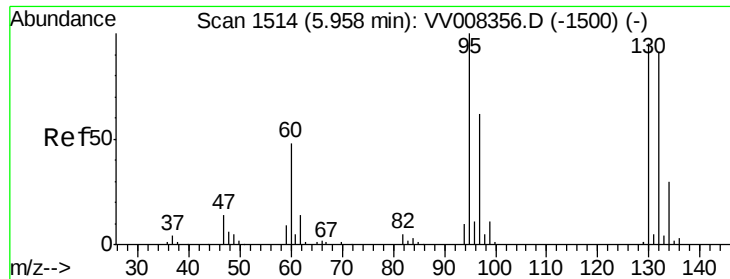
Tgt Ion: 84 Resp: 1010
Ion Ratio Lower Upper
84 100
86 69.5 45.0 83.6
49 116.6 92.9 172.5



#25
Chloroform
Concen: 0.116 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV008362.D
Acq: 19 Oct 2018 14:37

Tgt Ion: 83 Resp: 1935
Ion Ratio Lower Upper
83 100
85 92.8 43.4 80.6#





#34

Trichloroethene

Concen: 0.307 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV008362.D

Acq: 19 Oct 2018 14:37

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tgt Ion: 95 Resp: 3295

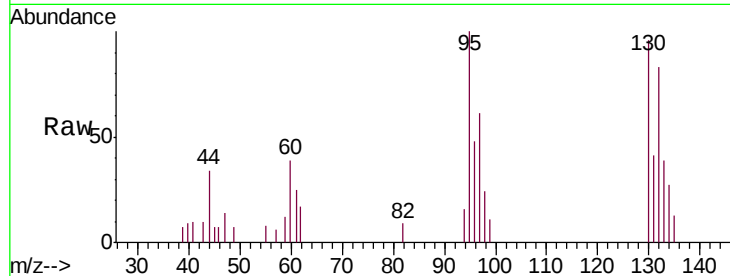
Ion Ratio Lower Upper

95 100

97 60.9 44.4 82.4

132 82.7 60.4 112.2

130 95.7 65.5 121.7

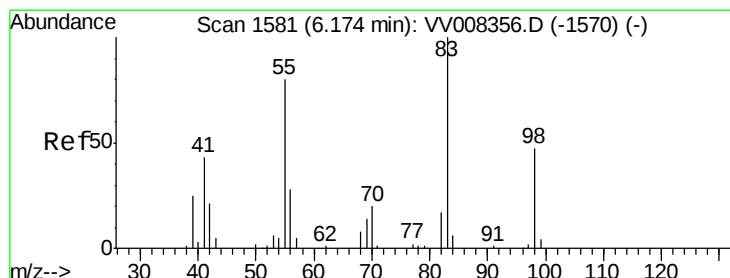
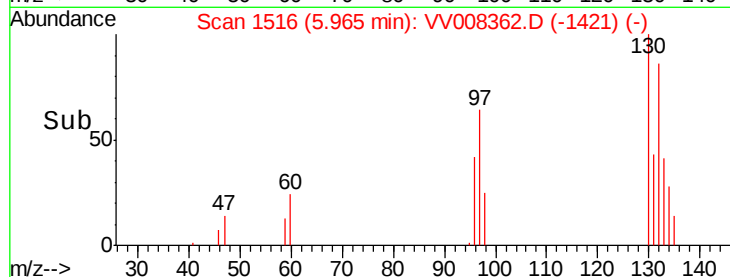
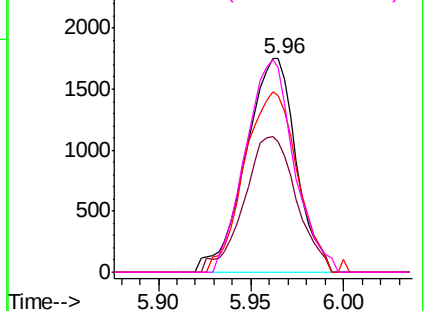


Abundance Ion 95.00 (94.70 to 95.70): VV008362.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV008362.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV008362.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV008362.D (-1421) (-)



#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008362.D

Acq: 19 Oct 2018 14:37

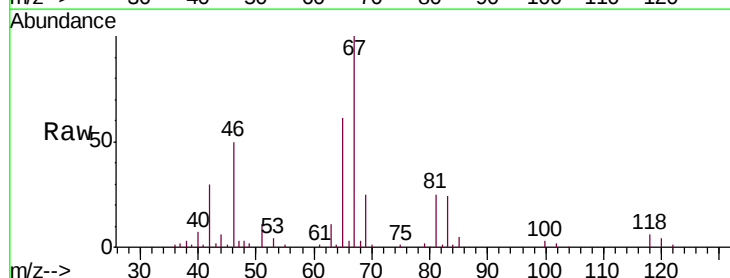
Tgt Ion: 83 Resp: 13245

Ion Ratio Lower Upper

83 100

55 2.3 64.0 96.0#

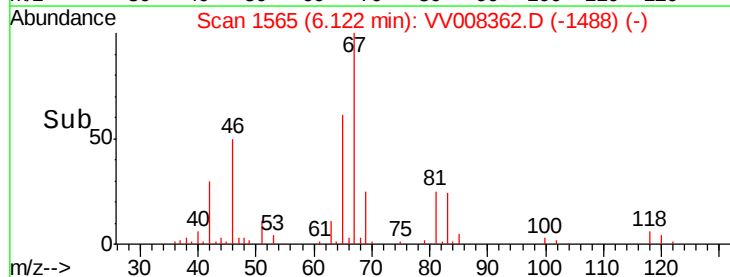
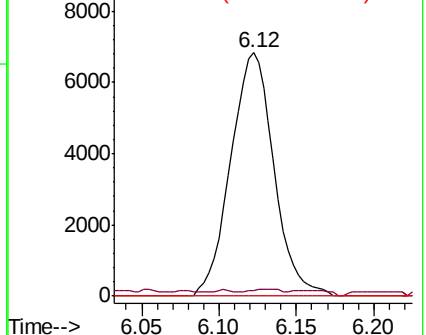
98 0.0 37.0 55.4#

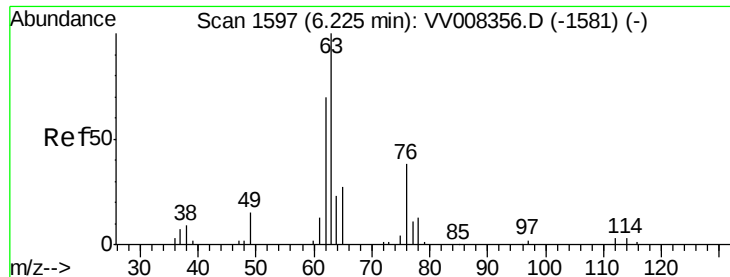


Abundance Ion 83.15 (82.85 to 83.85): VV008362.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV008362.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV008362.D (-1488) (-)





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008362.D

Acq: 19 Oct 2018 14:37

Instrument :

MSVOA_V

ClientSampleId :

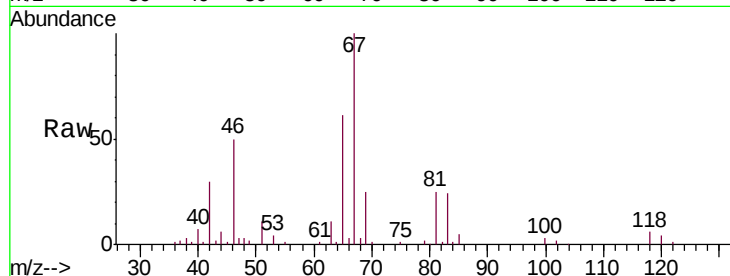
VHBLK02

Tgt Ion: 63 Resp: 6210

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008356.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV008356.D (-1581) (-)

6.12

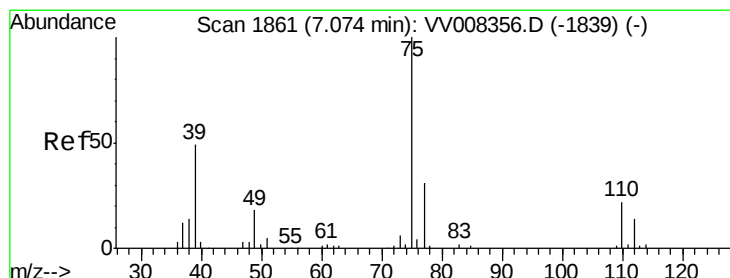
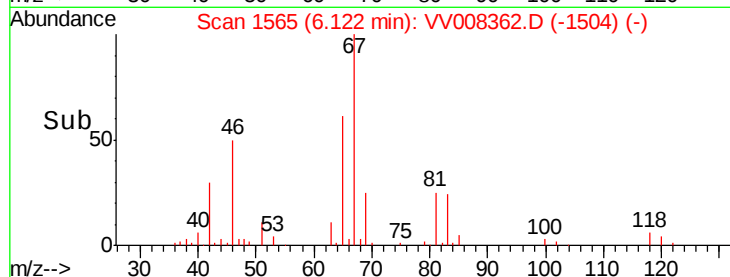
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008362.D

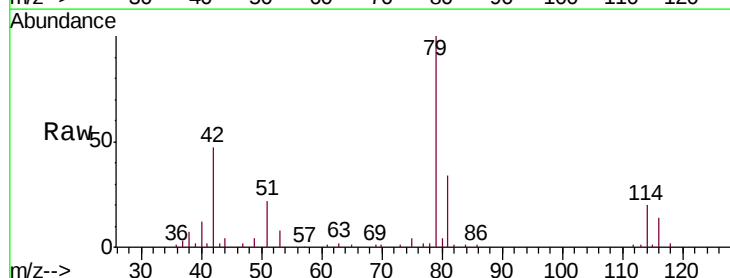
Acq: 19 Oct 2018 14:37

Tgt Ion: 75 Resp: 1542

Ion Ratio Lower Upper

75 100

77 53.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008356.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008356.D (-1839) (-)

7.03

1000

800

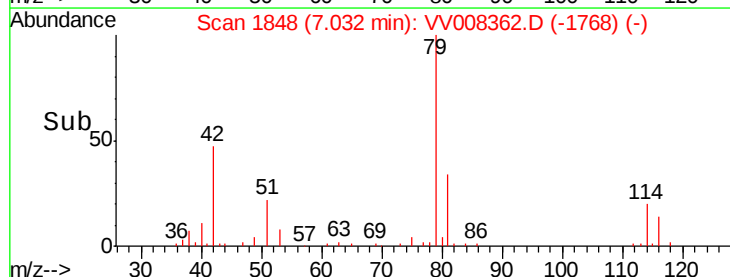
600

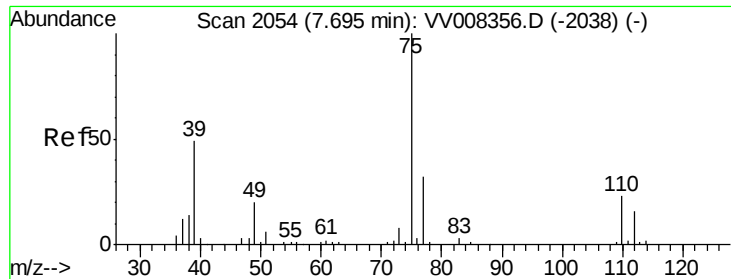
400

200

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV008362.D

Acq: 19 Oct 2018 14:37

Instrument :

MSVOA_V

ClientSampled :

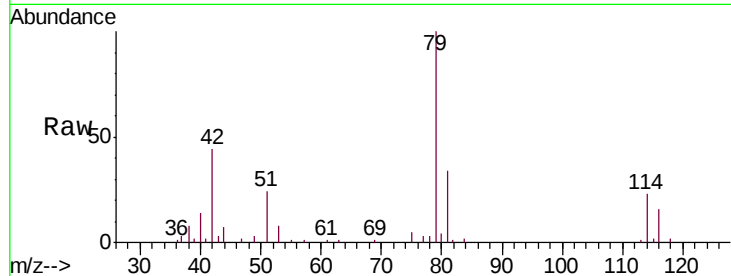
VHBLK02

Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 52.2 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008356.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV008356.D (-2038) (-)

7.67

600

500

400

300

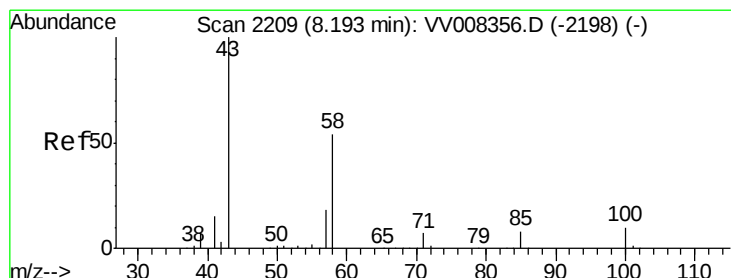
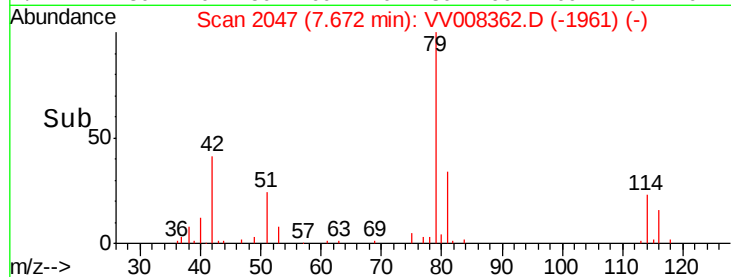
200

100

0

7.65 7.70

Time-->



#48

2-Hexanone

Concen: 4.053 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008362.D

Acq: 19 Oct 2018 14:37

Tgt Ion: 43 Resp: 18929

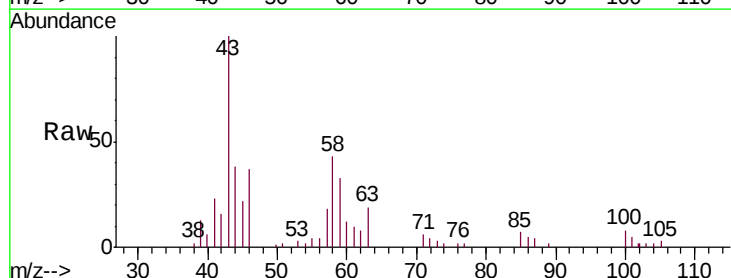
Ion Ratio Lower Upper

43 100

58 43.4 45.0 67.4#

57 15.5 14.4 21.6

100 6.2 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV008356.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008356.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008356.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008356.D (-2198) (-)

8.20

12000

10000

8000

6000

4000

2000

0

8.15 8.20 8.25 8.30

Time-->

