

Data File : VV008592.D
Acq On : 16 Nov 2018 20:00
Operator : SY/MD
Sample : J5987-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL30

Quant Time: Nov 17 04:48:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154298	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32695	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	27280	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	47278	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.97	46	122907	50.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.24%
24) Chloroform-d	4.41	84	85265	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	47143	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	177482	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	57231	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	162008	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	19850	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	98976	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37337	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	55446	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

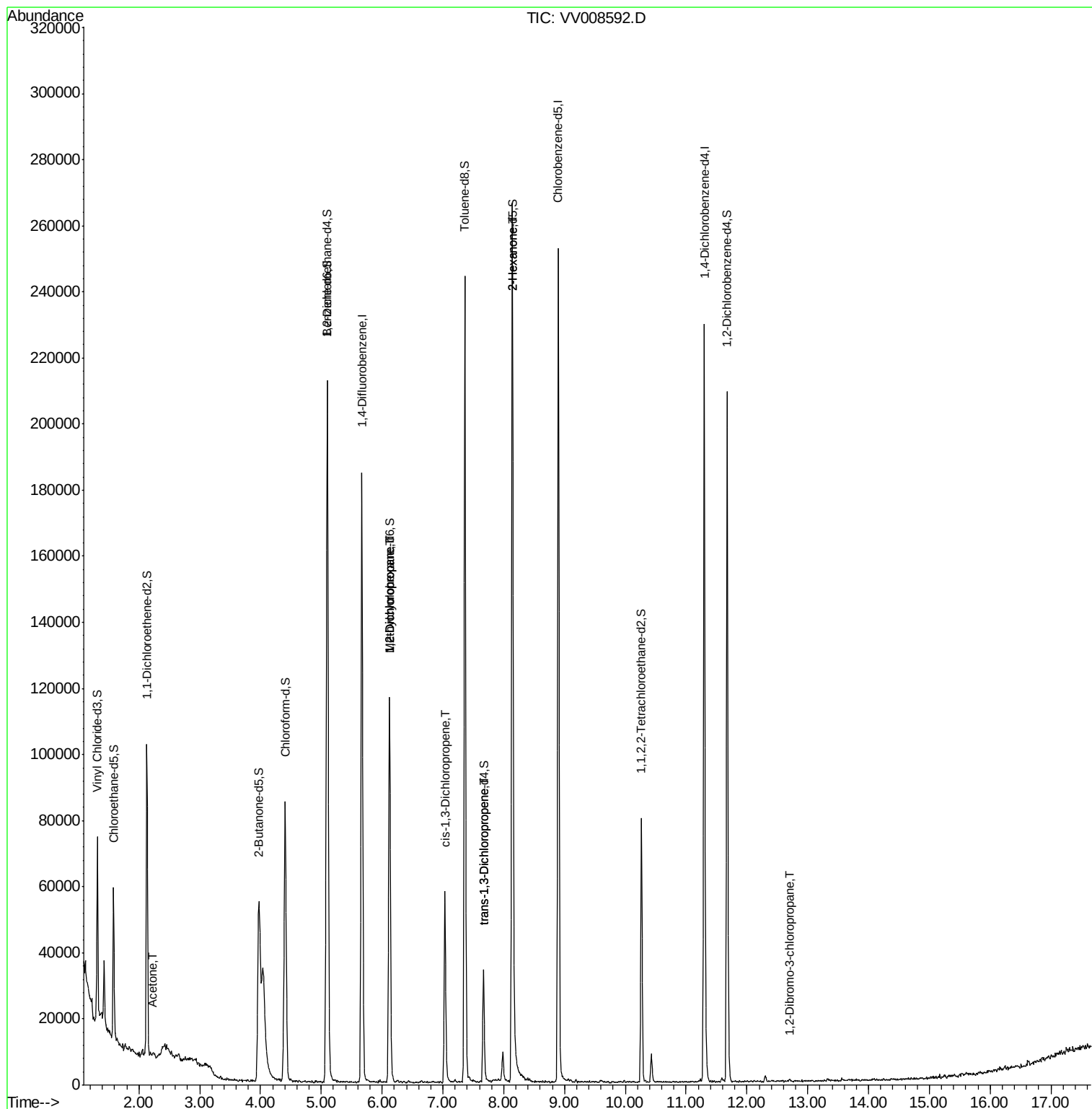
						Qvalue
13) Acetone	2.23	43	2002	1.565	ug/L	89
35) Methylcyclohexane	6.12	83	13667	0.708	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	5967	0.526	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1570	0.103	ug/L #	47
44) trans-1,3-Dichloropropene	7.67	75	1181	0.095	ug/L	85
48) 2-Hexanone	8.14	43	12595	2.811	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	12.70	75	105	0.091	ug/L #	11

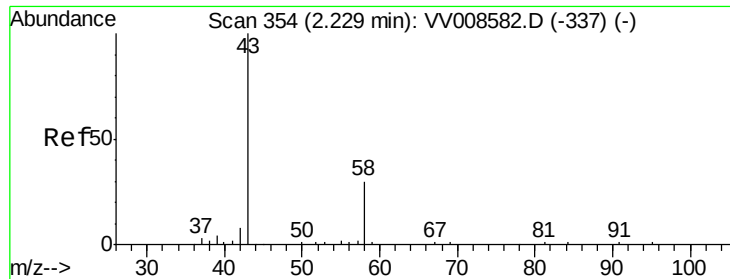
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.565 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV008592.D

Acq: 16 Nov 2018 20:00

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MSVOA_V

ClientSampleId :

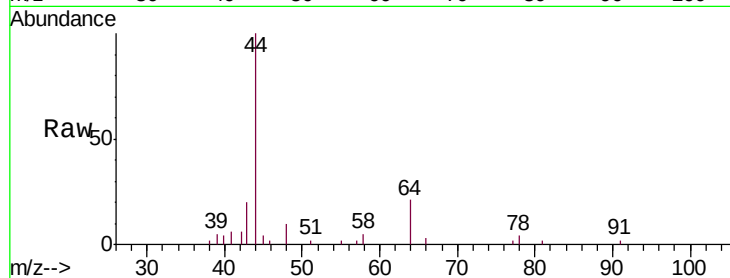
COL30

Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

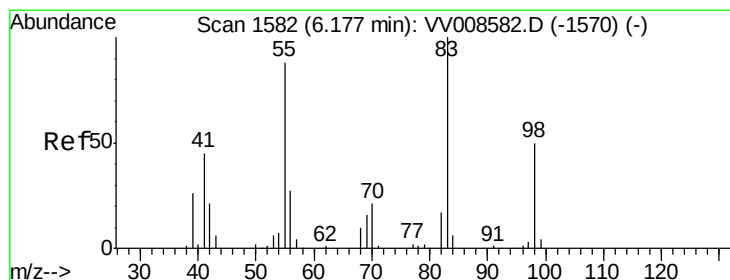
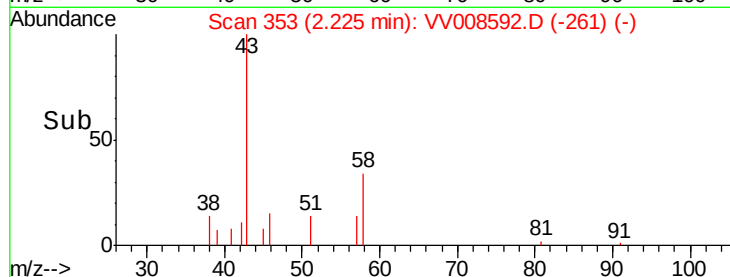
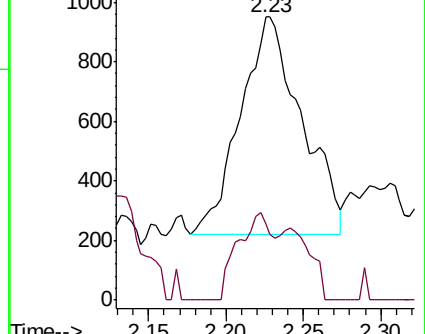
43 100

58 22.5 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008592.D

Acq: 16 Nov 2018 20:00

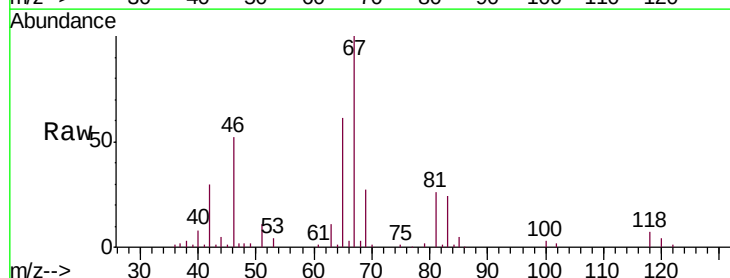
Tgt Ion: 83 Resp: 13667

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

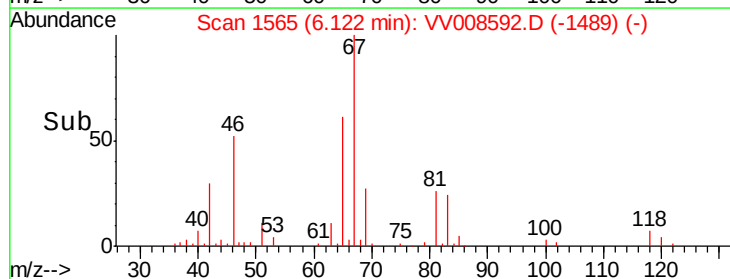
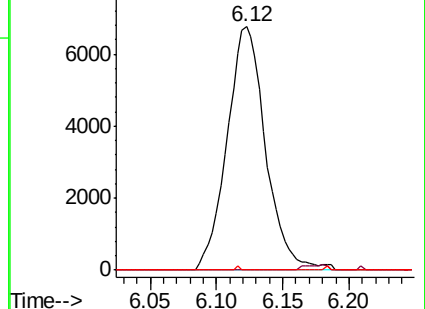
98 0.2 36.4 54.6#

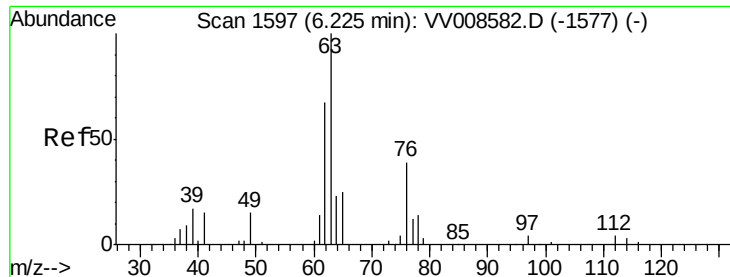


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

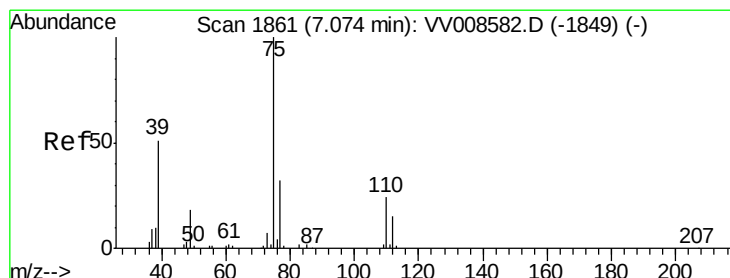
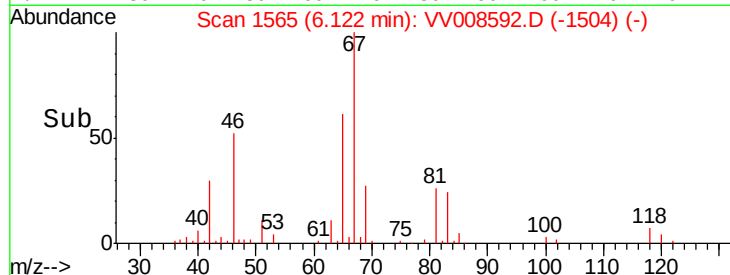
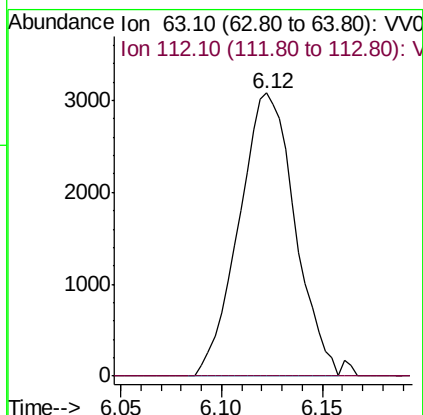
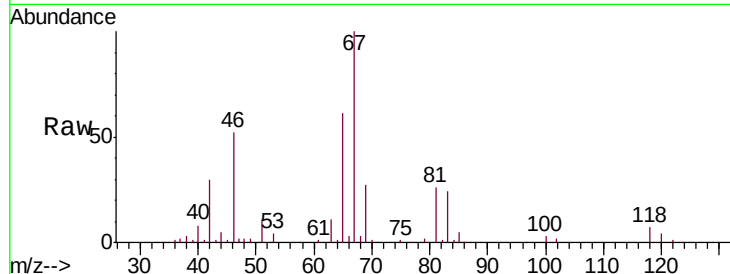




#37
 1,2-Dichloropropane
 Concen: 0.526 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008592.D
 Acq: 16 Nov 2018 20:00

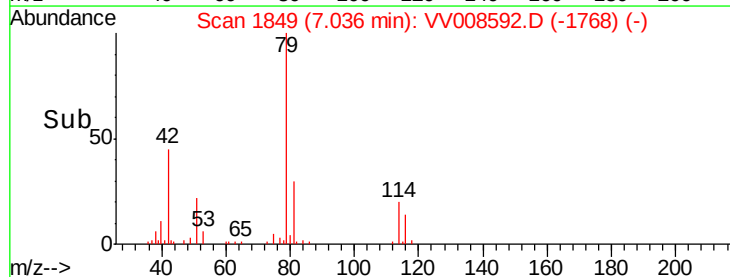
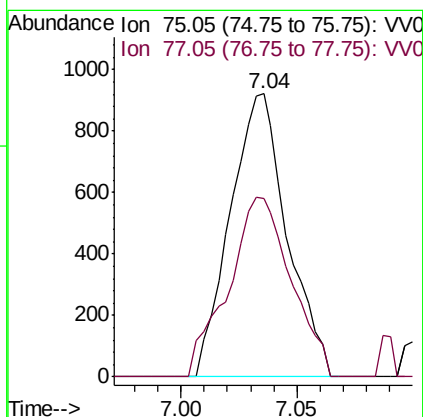
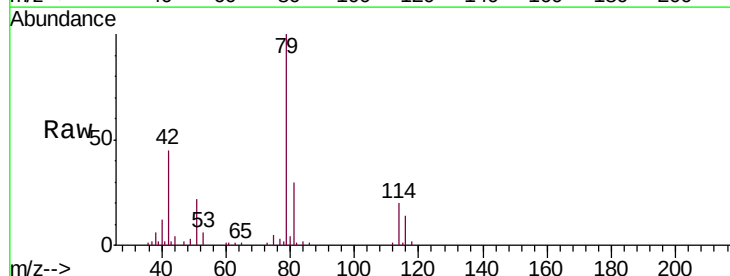
Instrument :
 MSVOA_V
 ClientSampleId :
 COL30

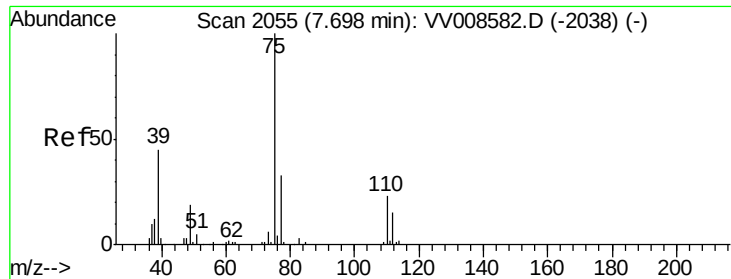
Tgt Ion: 63 Resp: 5967
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008592.D
 Acq: 16 Nov 2018 20:00

Tgt Ion: 75 Resp: 1570
 Ion Ratio Lower Upper
 75 100
 77 63.0 23.0 42.8#





#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV008592.D

Acq: 16 Nov 2018 20:00

Instrument :

MSVOA_V

ClientSampleId :

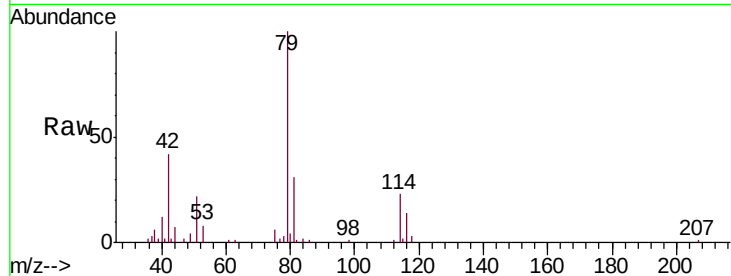
COL30

Tgt Ion: 75 Resp: 1181

Ion Ratio Lower Upper

75 100

77 41.1 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VV008582.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV008582.D (-2038) (-)

7.67

600

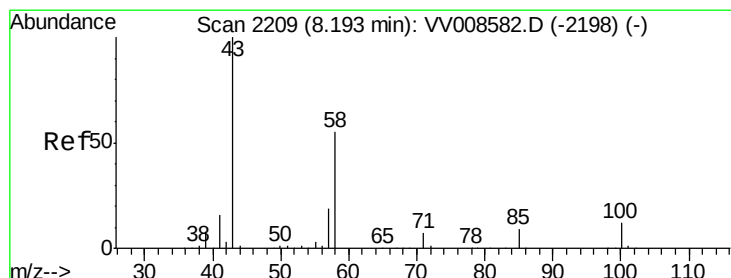
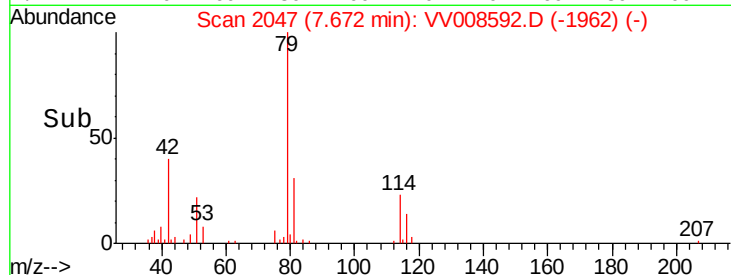
400

200

0

7.65 7.70

Time-->



#48

2-Hexanone

Concen: 2.811 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008592.D

Acq: 16 Nov 2018 20:00

Tgt Ion: 43 Resp: 12595

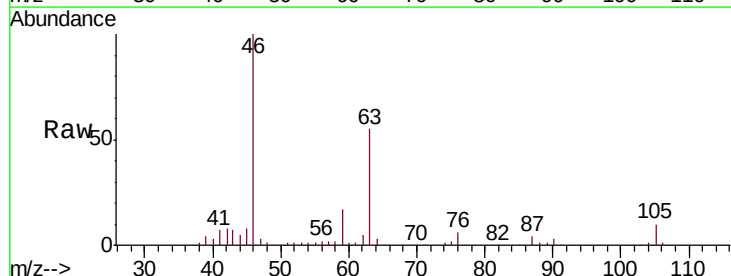
Ion Ratio Lower Upper

43 100

58 26.2 41.8 62.8#

57 23.3 15.4 23.0#

100 0.0 8.7 13.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008582.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008582.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008582.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008582.D (-2198) (-)

8.14

10000

8000

6000

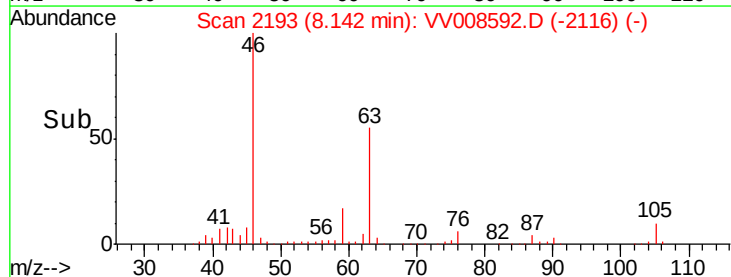
4000

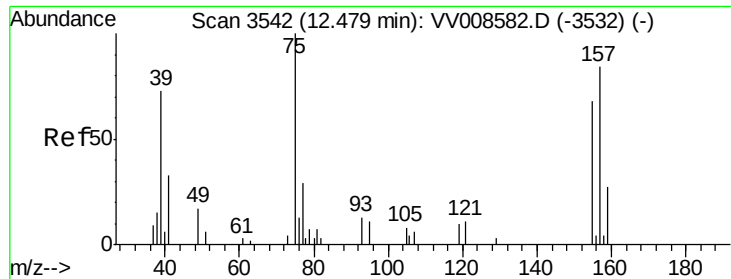
2000

0

8.05 8.10 8.15 8.20

Time-->





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.091 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.22 min
 Lab File: VV008592.D
 Acq: 16 Nov 2018 20:00

Instrument :
 MSVOA_V
 ClientSampleId :
 COL30

Tgt Ion: 75 Resp: 105
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.2 81.2#
 157 0.0 67.4 101.2#

