

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008222.D
 Acq On : 10 Oct 2018 02:01
 Operator : SY/MD
 Sample : J5282-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYP2

Quant Time: Oct 10 04:55:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 04:51:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91293	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23603	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.59	69	20872	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.14	63	34961	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.97	46	79039	58.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	4.41	84	54646	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	27909	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	102522	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.13	67	33855	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	88365	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.67	79	10526	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	50170	49.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25013	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	37452	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

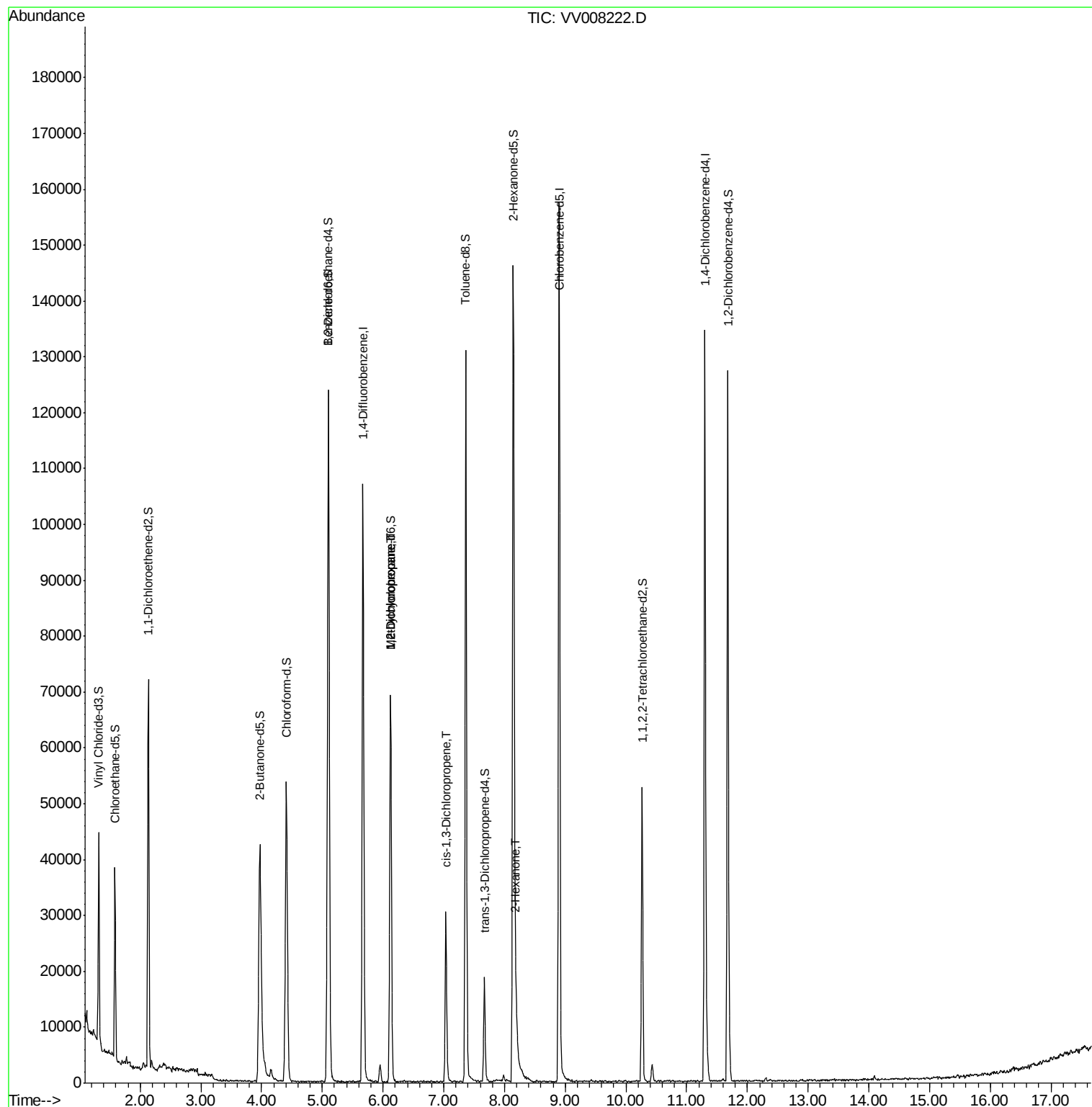
					Ovalue
35) Methylcyclohexane	6.12	83	8114	0.868 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	3662	0.592 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	650	0.082 ug/L #	79
48) 2-Hexanone	8.19	43	5046	2.121 ug/L #	90

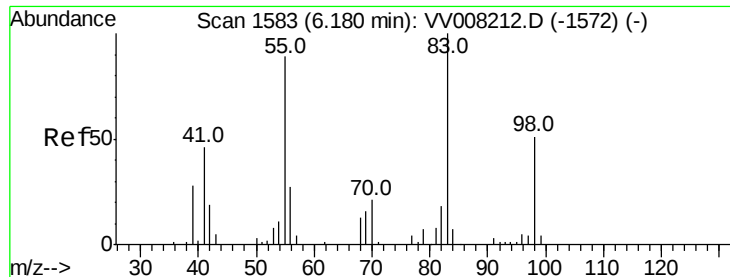
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methvlcvclohexane

Concen: 0.868 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008222.D

Acq: 10 Oct 2018 02:01

Instrument :

MSVOA_V

ClientSampled :

BEYP2

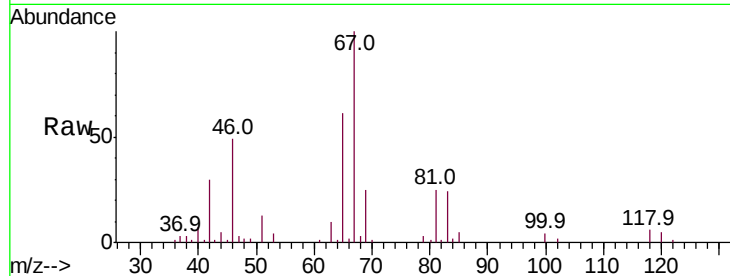
Tot Ion: 83 Resp: 8114

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

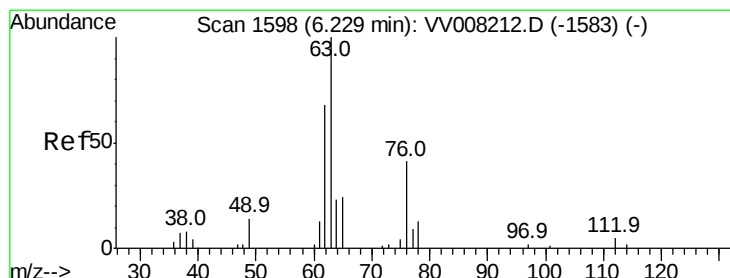
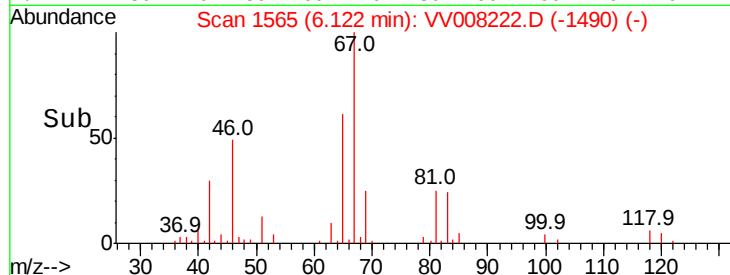
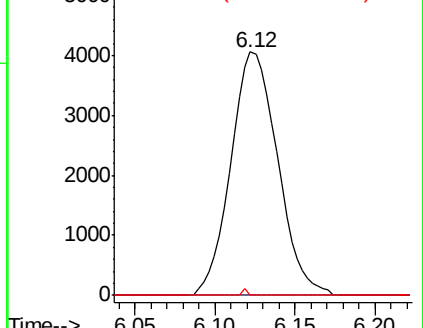
98 0.3 38.3 57.5#



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: 0.592 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008222.D

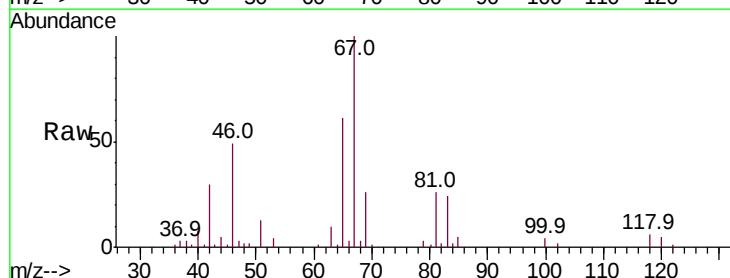
Acq: 10 Oct 2018 02:01

Tgt Ion: 63 Resp: 3662

Ion Ratio Lower Upper

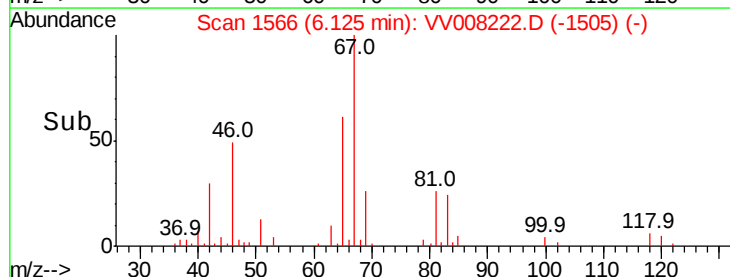
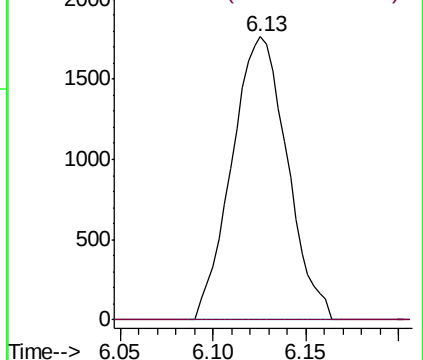
63 100

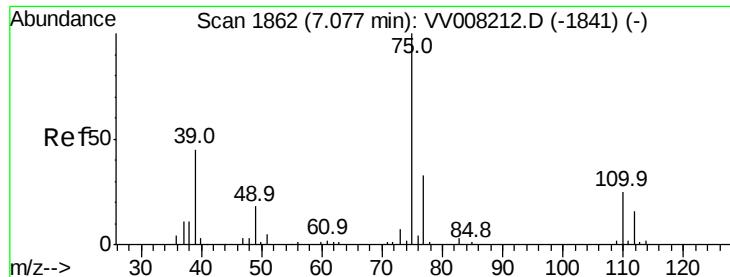
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

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Acq: 10 Oct 2018 02:01

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ClientSampleId :

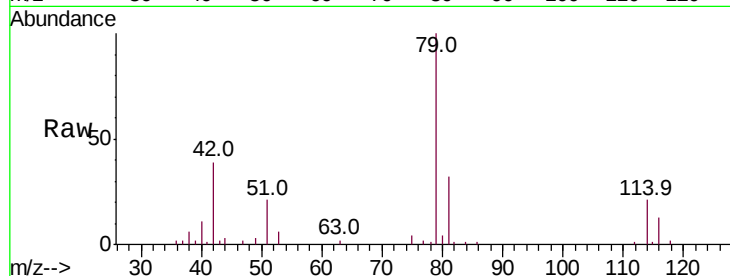
BEYP2

Tot Ion: 75 Resp: 650

Ion Ratio Lower Upper

75 100

77 43.2 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.04

400

300

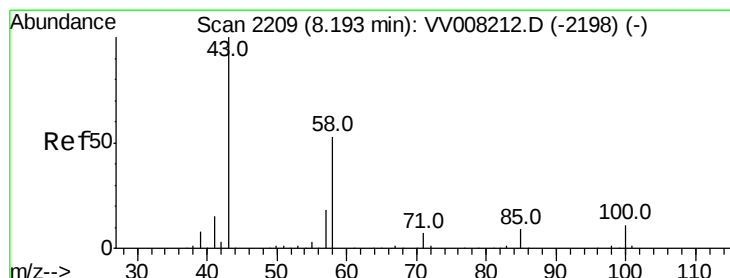
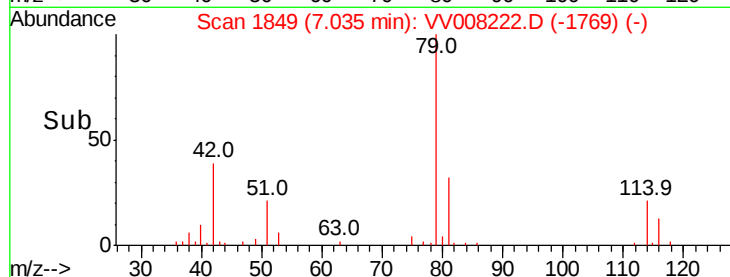
200

100

0

7.00 7.02 7.04 7.06

Time-->



#48

2-Hexanone

Concen: 2.121 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VV008222.D

Acq: 10 Oct 2018 02:01

Tgt Ion: 43 Resp: 5046

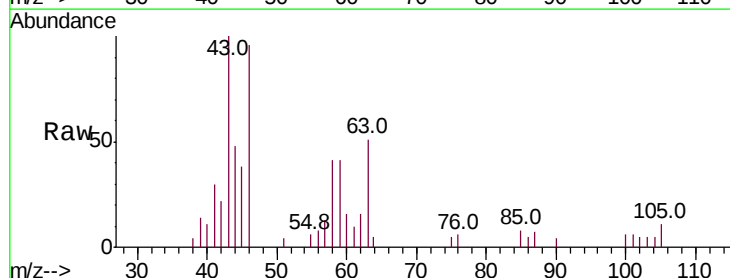
Ion Ratio Lower Upper

43 100

58 48.9 40.5 60.7

57 6.6 14.6 22.0#

100 5.0 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

5000

4000

3000

2000

1000

0

8.15 8.20 8.25

Time-->

