

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100318\
 Data File : VV008052.D
 Acq On : 03 Oct 2018 17:52
 Operator : SY/MD
 Sample : J5160-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 07:55:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 07:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	83329	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80229	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39865	5.00	ug/L	0.00

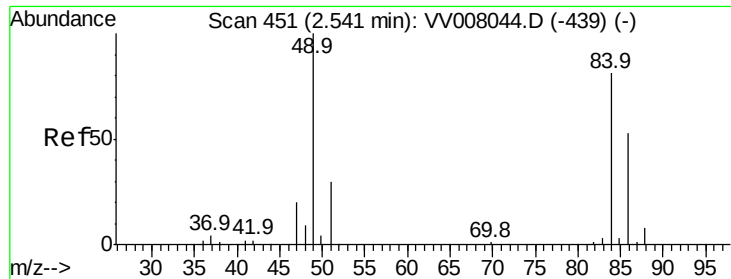
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20043	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.59	69	18477	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.14	63	32144	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	76177	56.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.38%
24) Chloroform-d	4.41	84	51402	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	28032	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	95089	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.13	67	31460	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	85612	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	10745	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	52307	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23704	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39120	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.54	84	2395	0.391	ug/L	91
35) Methylcyclohexane	6.13	83	7687	0.779	ug/L #	19
37) 1,2-Dichloropropane	6.13	63	3709	0.632	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	821	0.105	ug/L #	80
66) 1,2-Dibromo-3-chloropropan	12.30	75	326	0.516	ug/L #	1

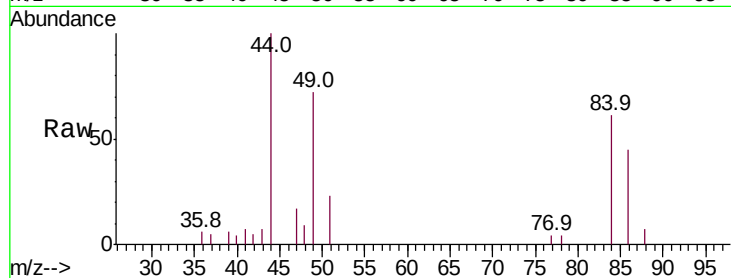
(#) = qualifier out of range (m) = manual integration (+) = signals summed



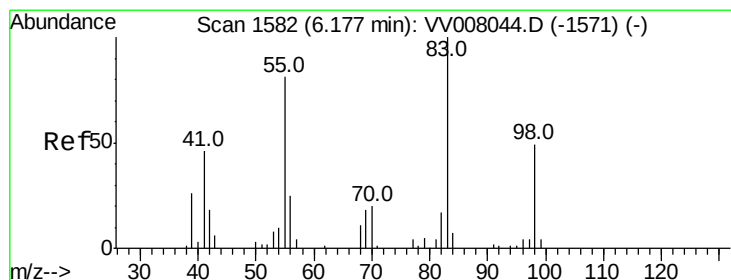
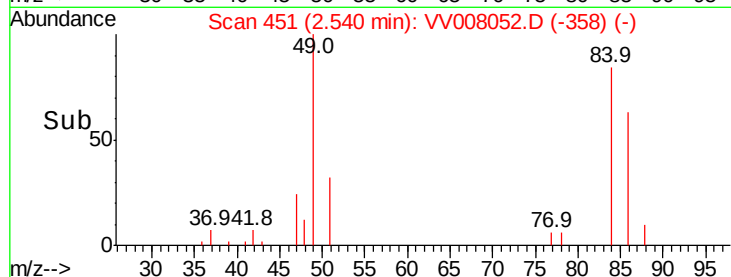
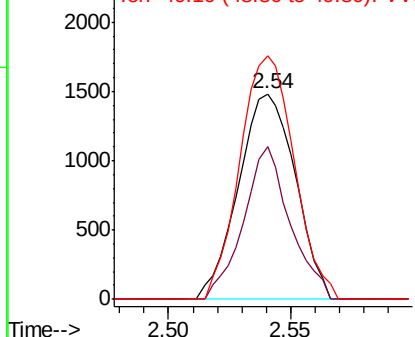
#16
Methylene chloride
Concen: 0.391 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008052.D
Acq: 03 Oct 2018 17:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 2395
Ion Ratio Lower Upper
84 100
86 74.4 47.3 87.8
49 118.5 90.0 167.2

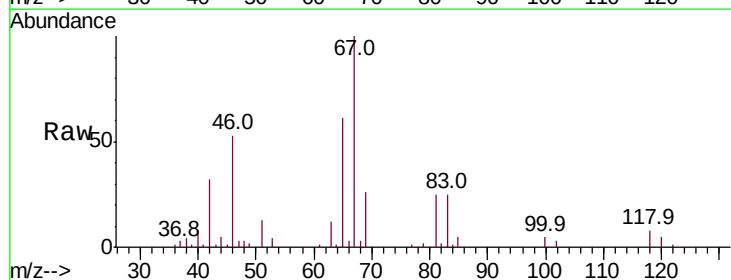


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

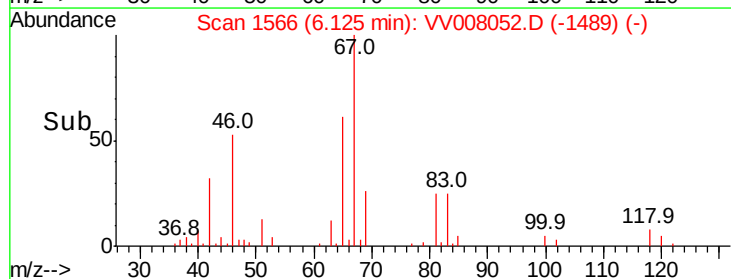
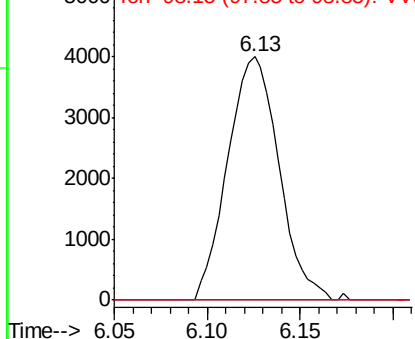


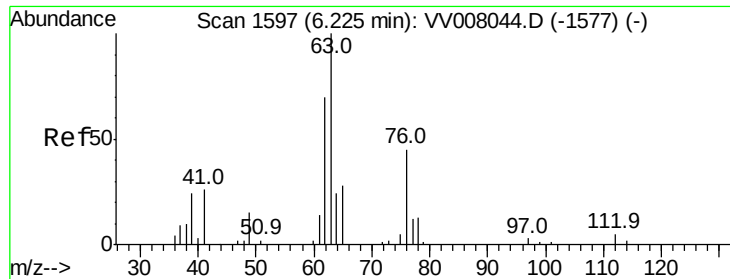
#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008052.D
Acq: 03 Oct 2018 17:52

Tgt Ion: 83 Resp: 7687
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 2.9 38.0 57.0#



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: 0.632 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008052.D

Acq: 03 Oct 2018 17:52

Instrument :

MSVOA_V

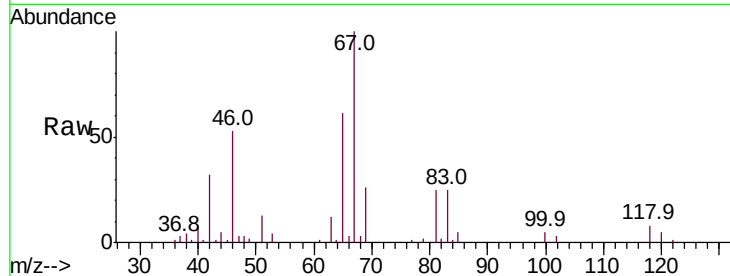
ClientSampled :

Tot Ion: 63 Resp: 3709

Ion Ratio Lower Upper

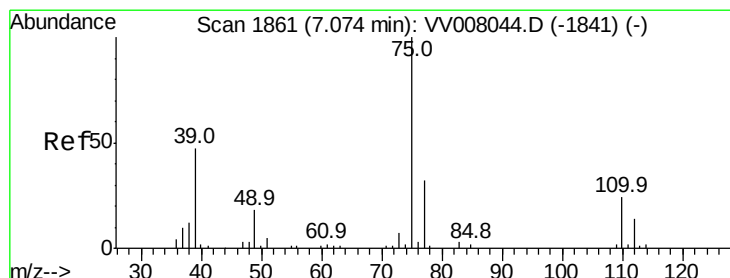
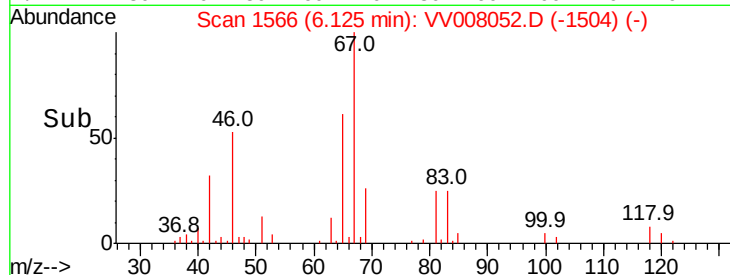
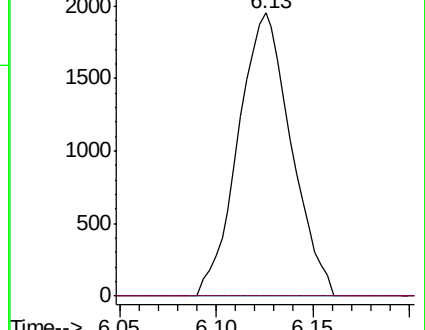
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008044.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV008044.D (-1577) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008052.D

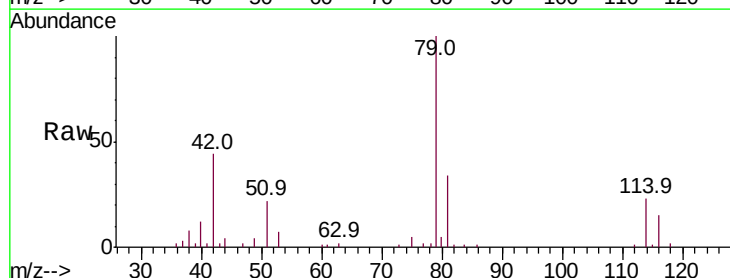
Acq: 03 Oct 2018 17:52

Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

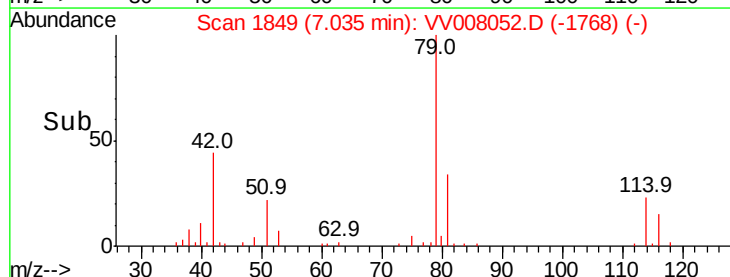
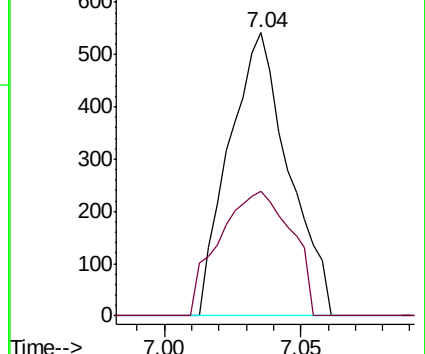
75 100

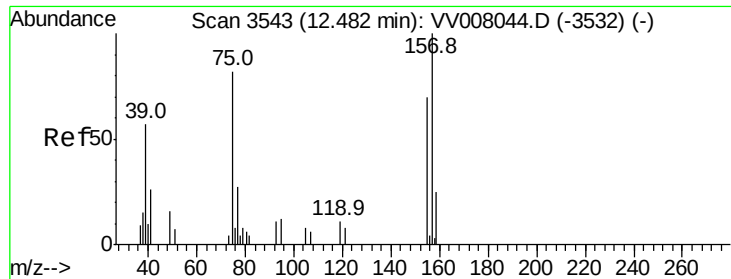
77 43.9 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008044.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008044.D (-1841) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 0.516 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

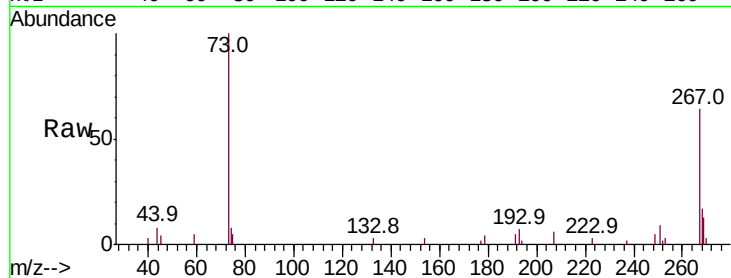
Lab File: VV008052.D

Acq: 03 Oct 2018 17:52

Instrument :

MSVOA_V

ClientSampleId :



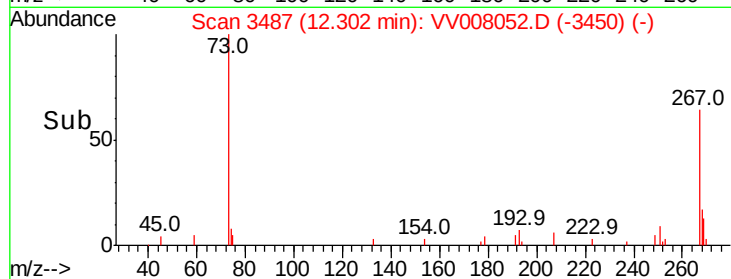
Tot Ion: 75 Resp: 326

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

