

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008221.D
 Acq On : 10 Oct 2018 01:33
 Operator : SY/MD
 Sample : J5282-14
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYP1

Quant Time: Oct 10 04:55:16 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	87697	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23034	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.59	69	20704	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.14	63	34436	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	77892	60.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.30%
24) Chloroform-d	4.41	84	53994	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	28103	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	101543	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.13	67	34058	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	87861	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.67	79	10763	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	46839	48.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23702	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36921	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

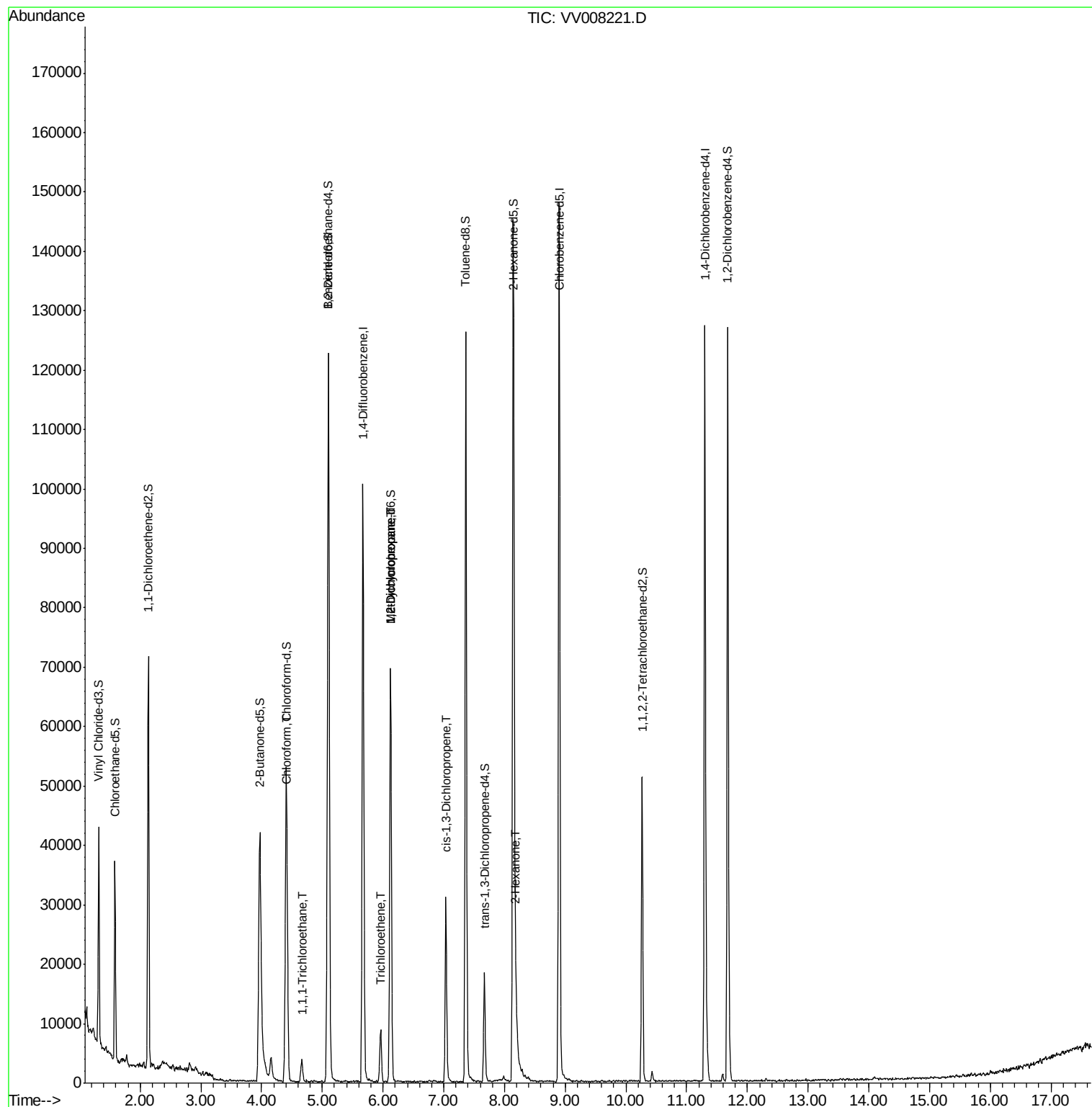
					Ovalue
25) Chloroform	4.43	83	1183	0.111 ug/L #	66
29) 1,1,1-Trichloroethane	4.66	97	3035	0.317 ug/L	98
34) Trichloroethene	5.96	95	2233	0.352 ug/L	92
35) Methylcyclohexane	6.13	83	8134	0.917 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3788	0.646 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	787	0.105 ug/L	87
48) 2-Hexanone	8.19	43	4676	2.071 ug/L #	85

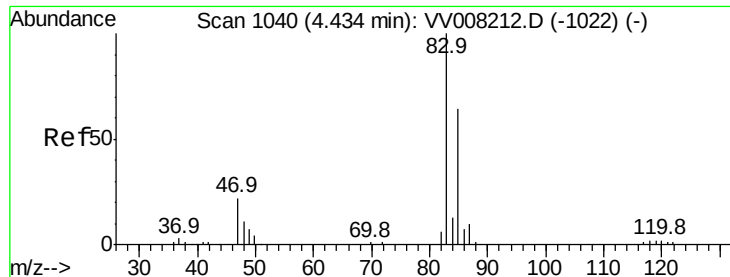
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 04:51:19 2018
Response via : Initial Calibration





#25

Chloroform

Concen: 0.111 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.01 min

Lab File: VV008221.D

Acq: 10 Oct 2018 01:33

Instrument :

MSVOA_V

ClientSampleId :

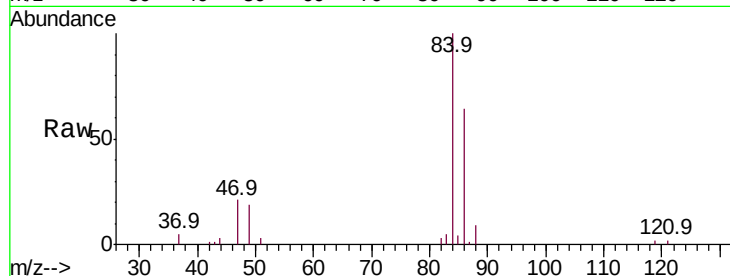
BEYP1

Tot Ion: 83 Resp: 1183

Ion Ratio Lower Upper

83 100

85 90.1 44.6 82.8#



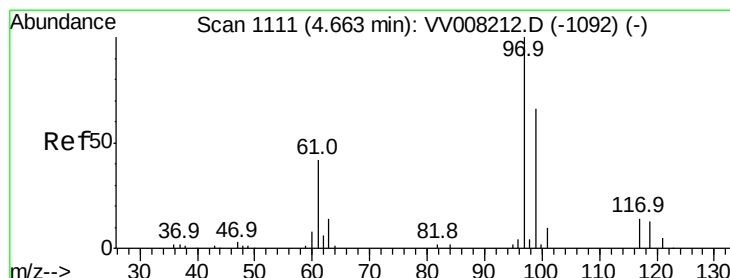
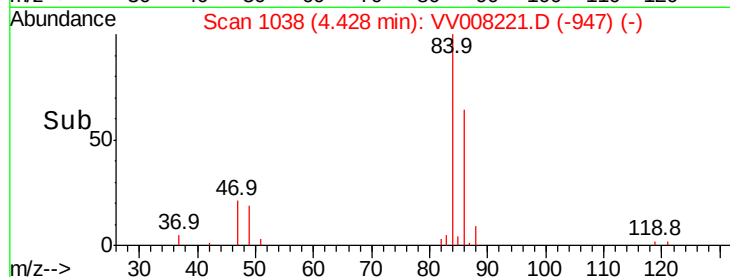
Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.43

4.40 4.45

Time-->



#29

1,1,1-Trichloroethane

Concen: 0.317 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VV008221.D

Acq: 10 Oct 2018 01:33

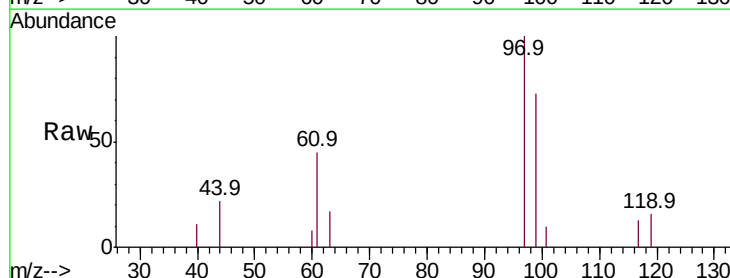
Tgt Ion: 97 Resp: 3035

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 44.8 34.0 51.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

1500

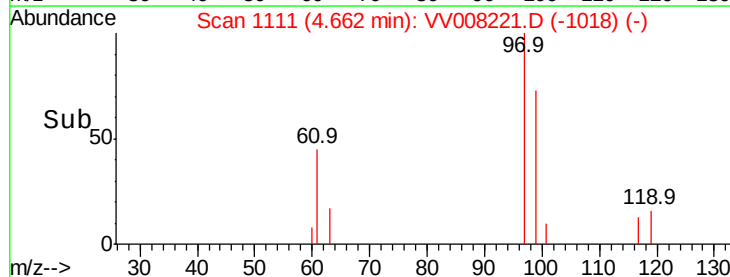
1000

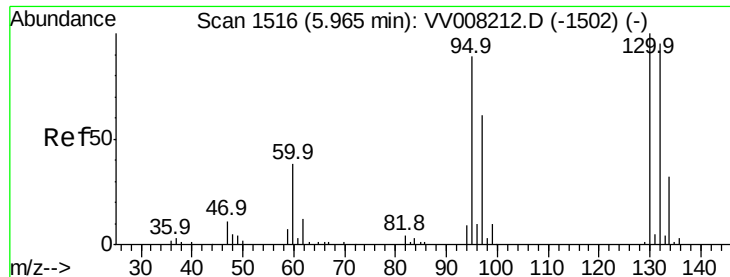
500

0

4.60 4.65 4.70

Time-->





#34

Trichloroethene

Concen: 0.352 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008221.D

Acq: 10 Oct 2018 01:33

Instrument :

MSVOA_V

ClientSampleId :

BEYP1

Tot Ion: 95 Resp: 2233

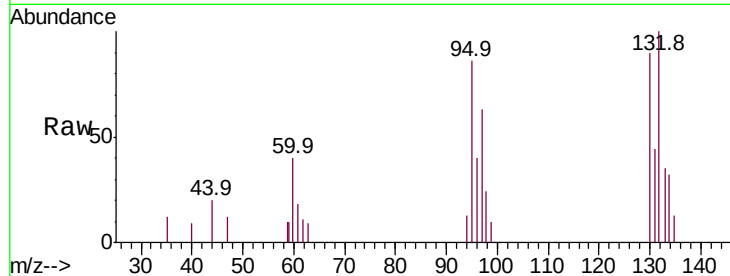
Ion Ratio Lower Upper

95 100

97 72.7 44.9 83.5

132 115.9 73.6 136.6

130 104.0 76.2 141.6

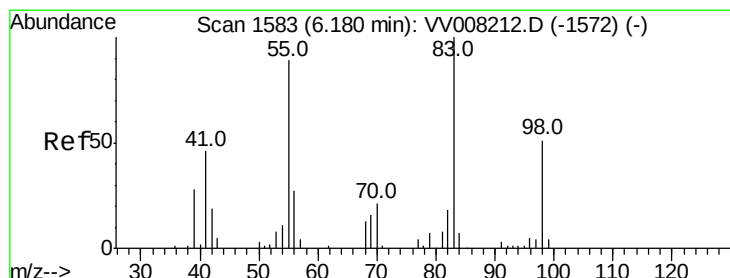
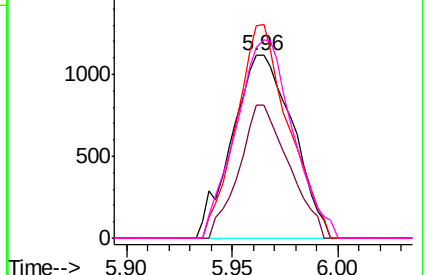
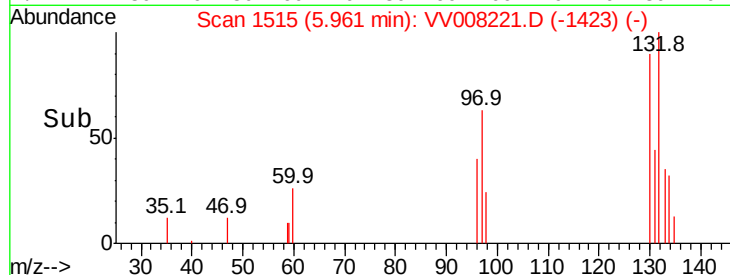


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.917 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008221.D

Acq: 10 Oct 2018 01:33

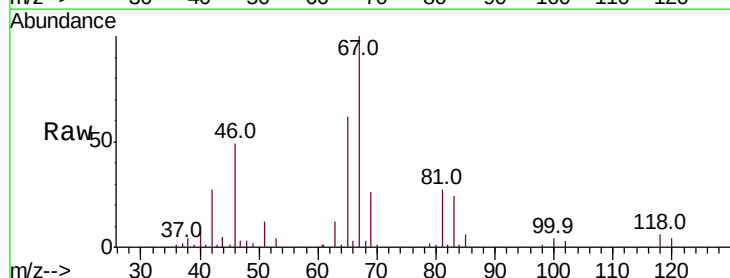
Tgt Ion: 83 Resp: 8134

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

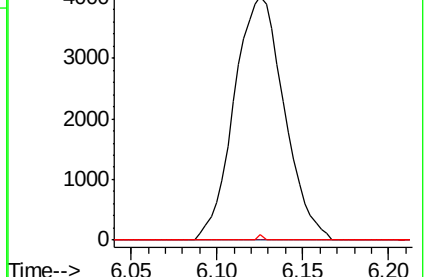
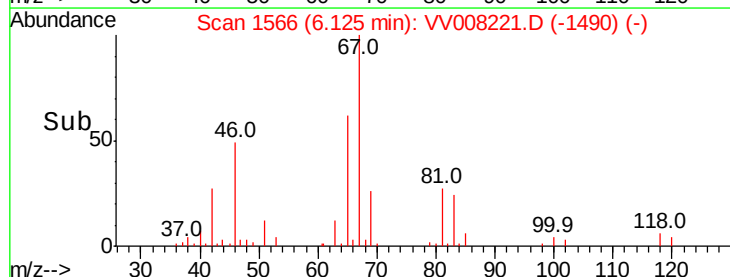
98 1.4 38.3 57.5#

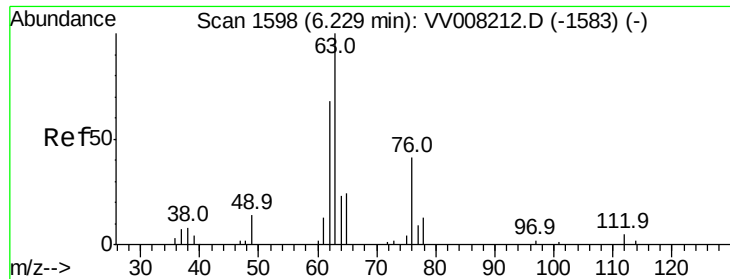


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

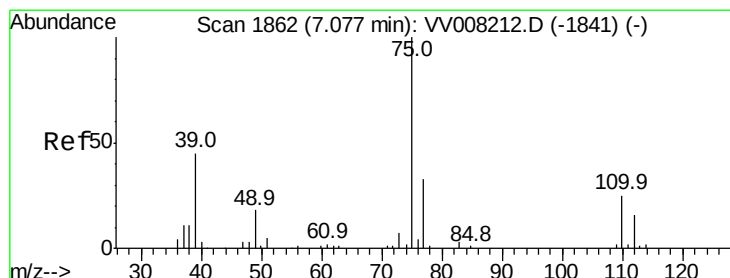
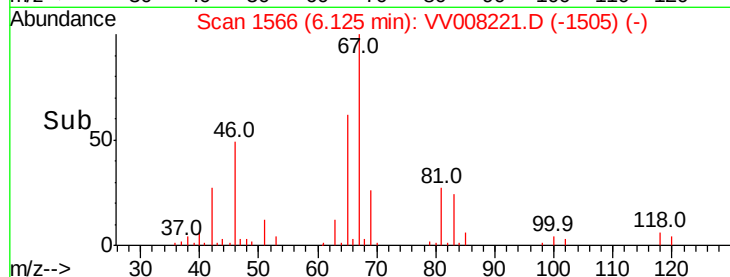
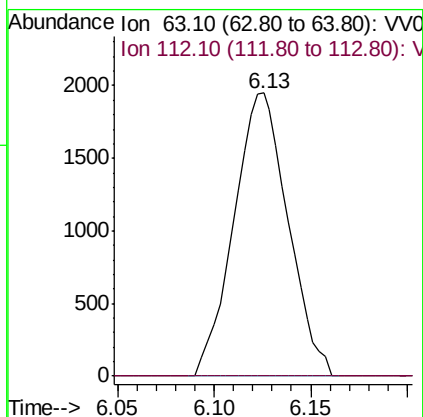
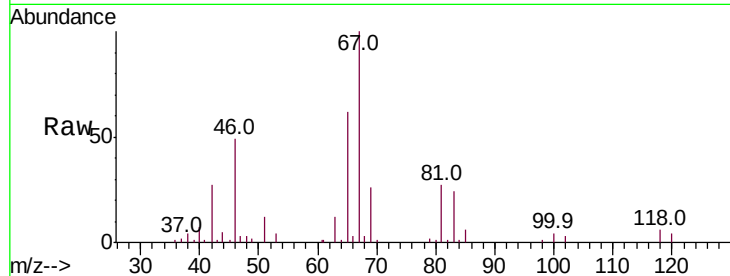




#37
 1,2-Dichloropropane
 Concen: 0.646 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008221.D
 Acq: 10 Oct 2018 01:33

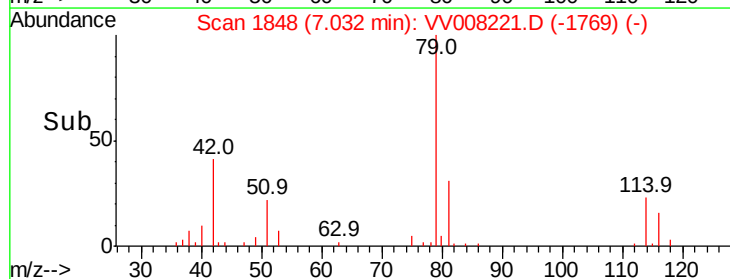
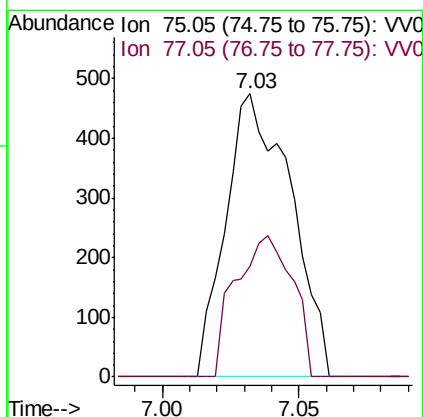
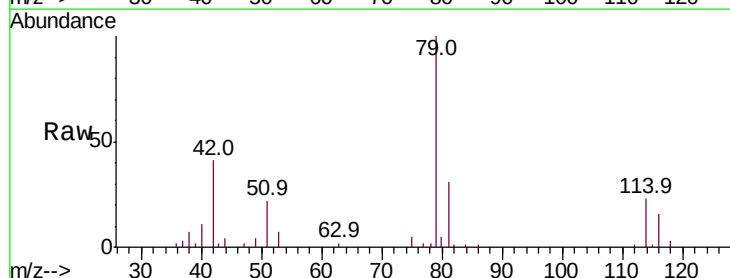
Instrument :
 MSVOA_V
 ClientSampled :
 BEYP1

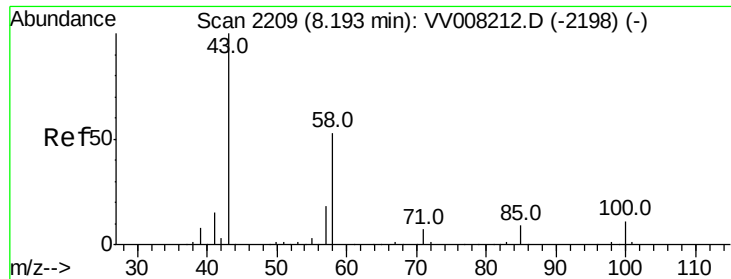
Tot Ion: 63 Resp: 3788
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.05 min
 Lab File: VV008221.D
 Acq: 10 Oct 2018 01:33

Tgt Ion: 75 Resp: 787
 Ion Ratio Lower Upper
 75 100
 77 39.0 22.1 41.1





#48

2-Hexanone

Concen: 2.071 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VV008221.D

Acq: 10 Oct 2018 01:33

Instrument :
MSVOA_V
ClientSampleId :
BEYP1

Tot Ion: 43 Resp: 4676

Ion Ratio Lower Upper

43 100

58 38.1 40.5 60.7#

57 21.2 14.6 22.0

100 7.1 9.3 13.9#

