

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006757.D
 Acq On : 30 Jul 2018 12:36
 Operator : SY/MD
 Sample : J4190-05
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE745

Quant Time: Aug 01 08:49:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 16:58:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	262543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243575	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103986	5.00	ug/L	0.00

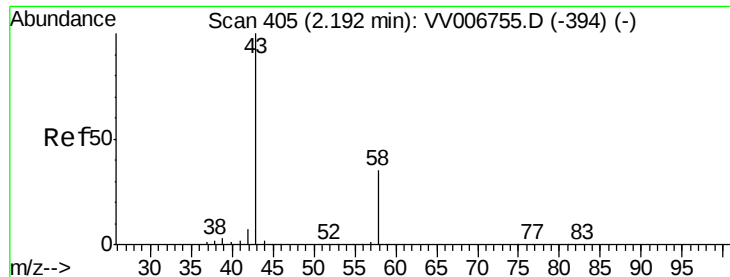
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57574	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	48231	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	80240	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.95	46	168758	39.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.06%
24) Chloroform-d	4.40	84	110226	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.09	65	55604	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.10	84	225751	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.12	67	74326	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	186664	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	23305	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	128272	36.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	53375	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	68963	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Ovalue
13) Acetone	2.19	43	10037	3.69	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	11580	0.27	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	7300	0.37	ug/L 99
25) Chloroform	4.43	83	20007	0.62	ug/L 97
34) Trichloroethene	5.96	95	10237	0.55	ug/L 96
47) Tetrachloroethene	8.02	164	69204	4.71	ug/L 99

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



#13

Acetone

Concen: 3.69 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.01 min

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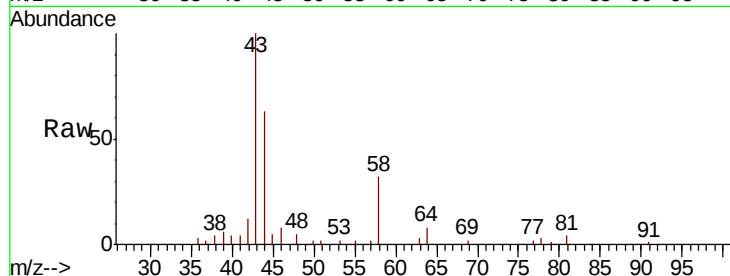
BE745

Tot Ion: 43 Resp: 10037

Ion Ratio Lower Upper

43 100

58 35.1 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006757.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VV006757.D (-315) (-)

2.19

8000

6000

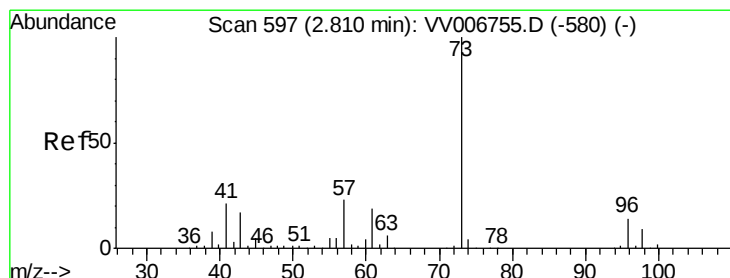
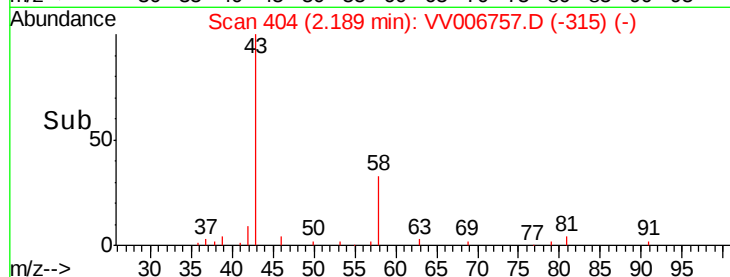
4000

2000

0

Time-->

2.15 2.20 2.25



#17

Methyl tert-butyl Ether

Concen: 0.27 ug/L

RT: 2.81 min Scan# 597

Delta R.T. -0.00 min

Lab File: VV006757.D

Acq: 30 Jul 2018 12:36

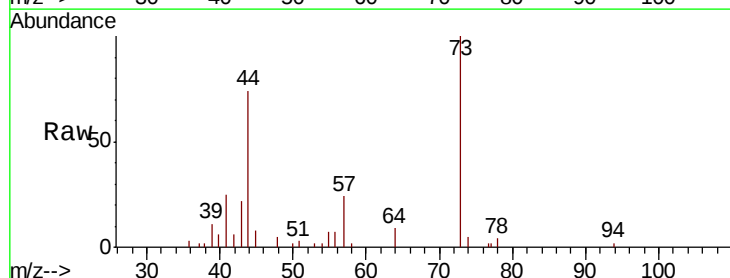
Tgt Ion: 73 Resp: 11580

Ion Ratio Lower Upper

73 100

43 18.7 14.2 21.4

57 24.3 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VV006757.D (-505) (-)

Ion 43.05 (42.75 to 43.75): VV006757.D (-505) (-)

Ion 57.10 (56.80 to 57.80): VV006757.D (-505) (-)

2.81

6000

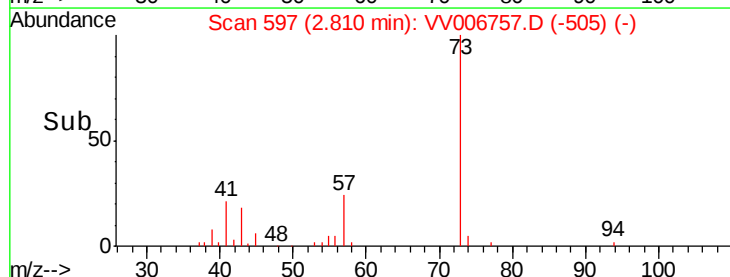
4000

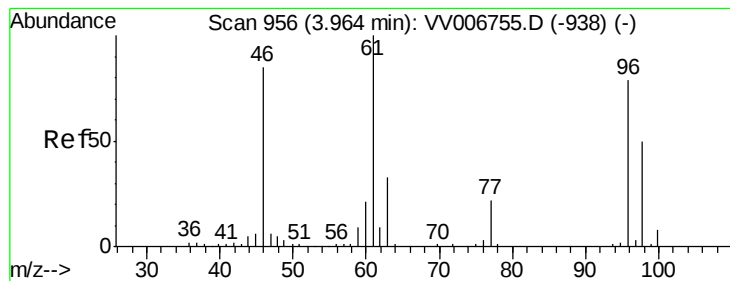
2000

0

Time-->

2.75 2.80 2.85





#22

cis-1,2-Dichloroethene

Concen: 0.37 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006757.D

Acq: 30 Jul 2018 12:36

Instrument :

MSVOA_V

ClientSampleId :

BE745

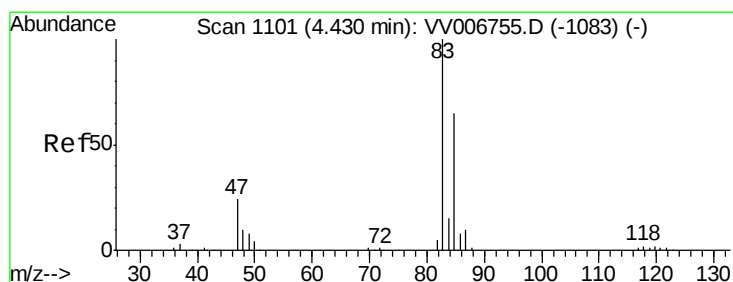
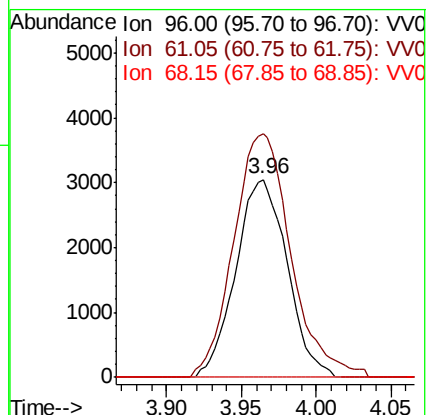
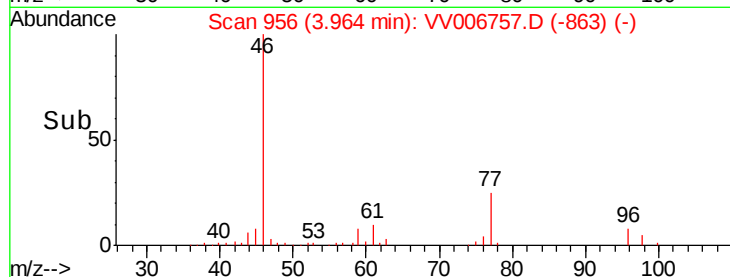
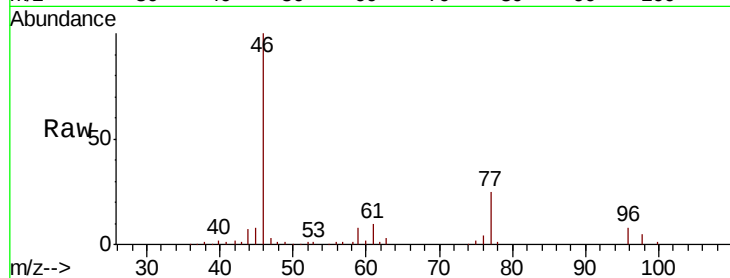
Tot Ion: 96 Resp: 7300

Ion Ratio Lower Upper

96 100

61 123.0 85.5 158.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.62 ug/L

RT: 4.43 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV006757.D

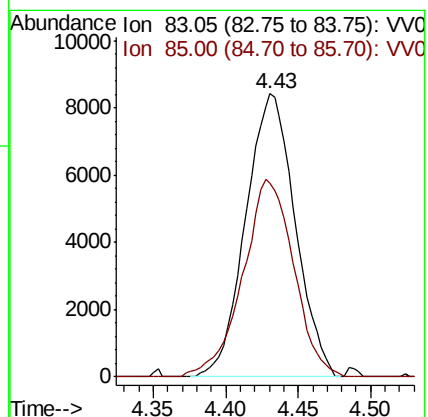
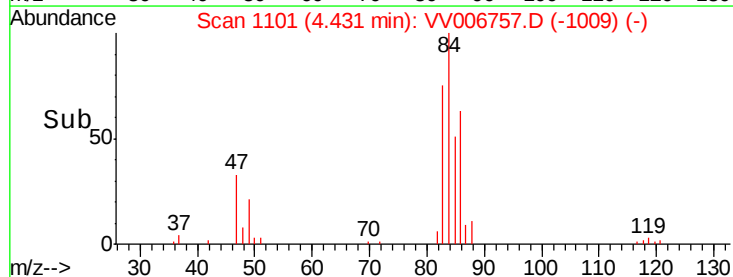
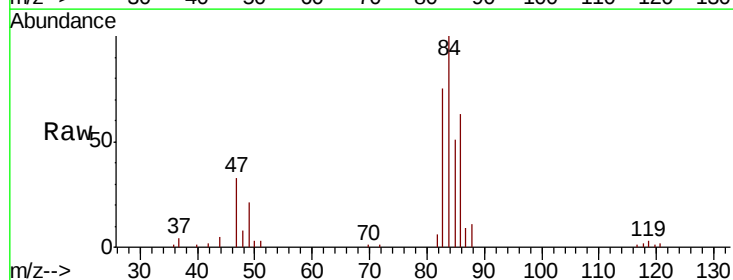
Acq: 30 Jul 2018 12:36

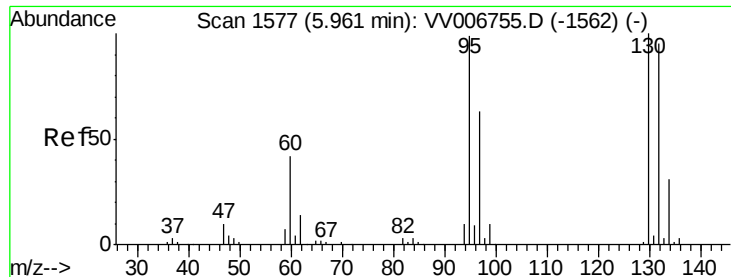
Tgt Ion: 83 Resp: 20007

Ion Ratio Lower Upper

83 100

85 68.5 46.1 85.5





#34

Trichloroethene

Concen: 0.55 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006757.D

Acq: 30 Jul 2018 12:36

Instrument :

MSVOA_V

ClientSampleId :

BE745

Tot Ion: 95 Resp: 10237

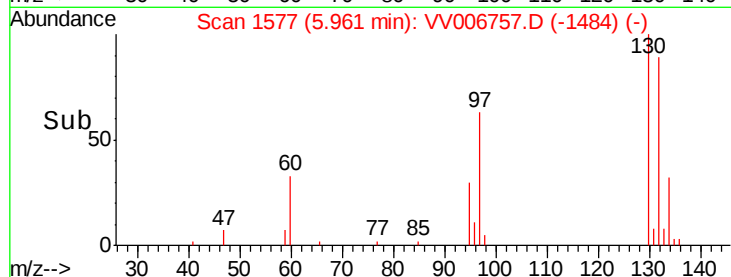
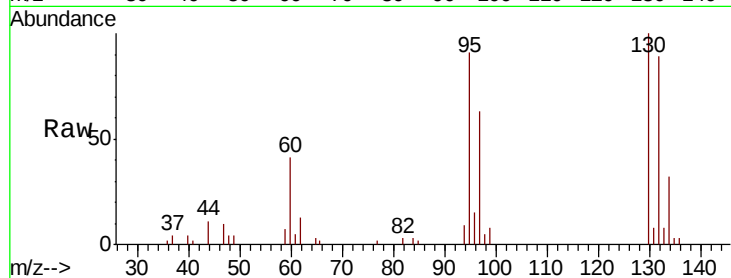
Ion Ratio Lower Upper

95 100

97 69.6 44.9 83.3

132 98.0 68.9 127.9

130 110.3 73.4 136.4

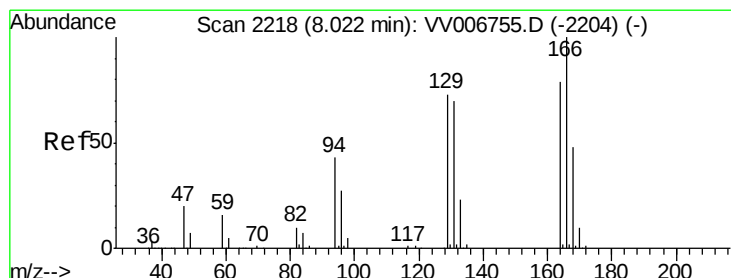
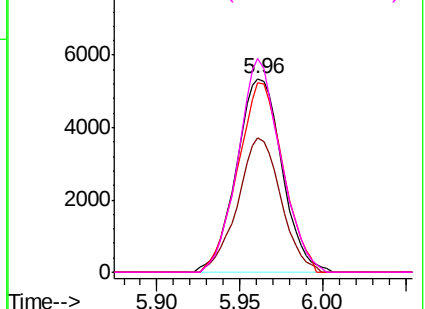


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 4.71 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006757.D

Acq: 30 Jul 2018 12:36

Tgt Ion:164 Resp: 69204

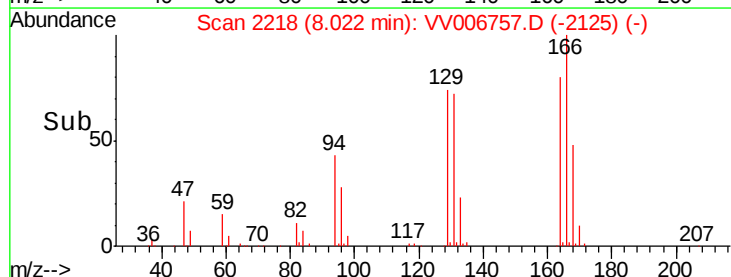
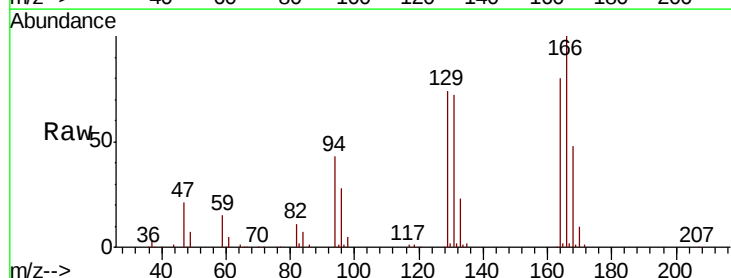
Ion Ratio Lower Upper

164 100

129 92.3 65.0 120.8

131 89.5 61.9 115.1

166 125.0 89.3 165.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

