

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007375.D
 Acq On : 05 Sep 2018 11:13
 Operator : SY/MD
 Sample : J4665-19DL 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB8DL

Quant Time: Sep 06 00:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 00:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	504333	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	480772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	178660	50.00	ug/L	0.00

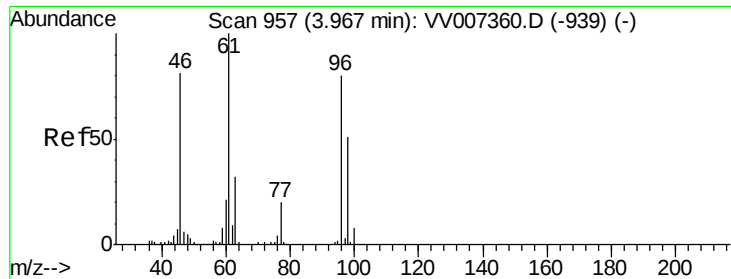
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159977	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.82%
7) Chloroethane-d5	1.57	69	114008	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.62%
11) 1,1-Dichloroethene-d2	2.13	63	227191	35.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.60%
21) 2-Butanone-d5	3.96	46	268097	91.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.49%
24) Chloroform-d	4.41	84	348100	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.09	65	219069	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
32) Benzene-d6	5.11	84	696401	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
36) 1,2-Dichloropropane-d6	6.12	67	235603	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.37	98	560575	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.67	79	92473	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.14	63	170715	89.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	298316	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	208210	54.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.44%

Target Compounds

					Qvalue
20) cis-1,2-Dichloroethene	3.97	96	196863	49.166 ug/L	98
34) Trichloroethene	5.96	95	122164	32.541 ug/L	98
46) Tetrachloroethene	8.02	164	47156	15.621 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	20298	4.038 ug/L	93

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

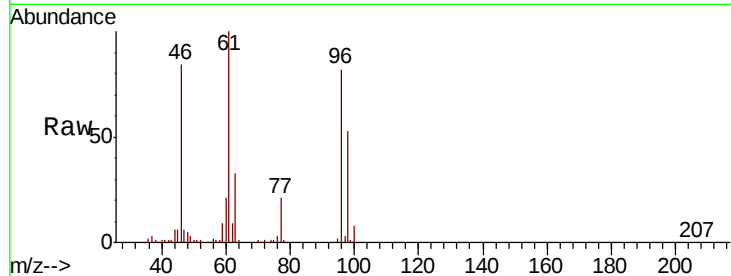


#20

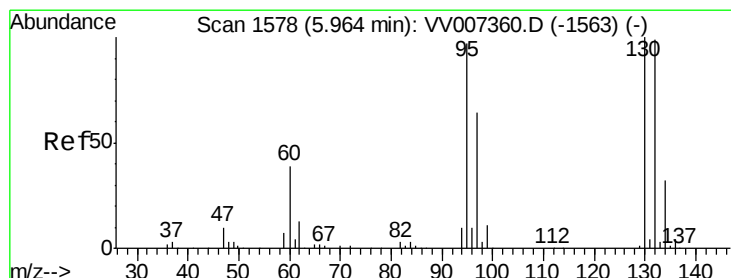
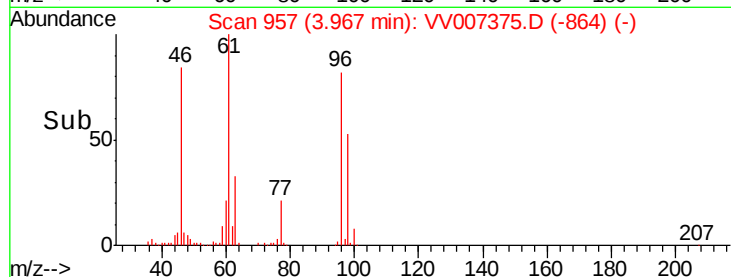
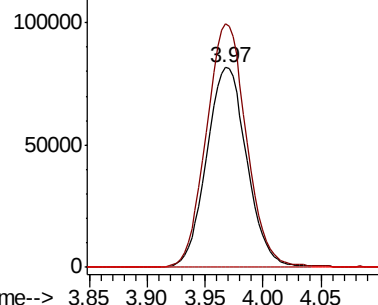
cis-1,2-Dichloroethene
Concen: 49.166 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV007375.D
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Instrument :
MSVOA_V
ClientSampled :
E0AB8DL

Tgt Ion: 96 Resp: 196863
Ion Ratio Lower Upper
96 100
61 121.8 86.8 161.2
68 0.0 0.0 0.0



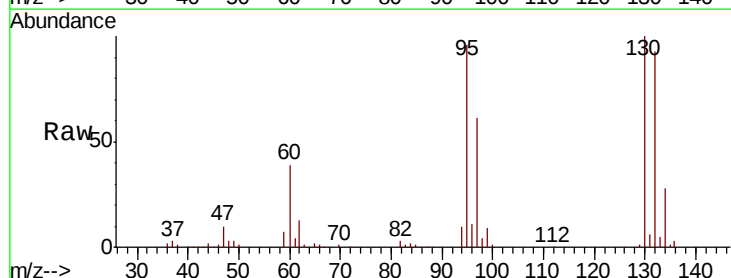
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



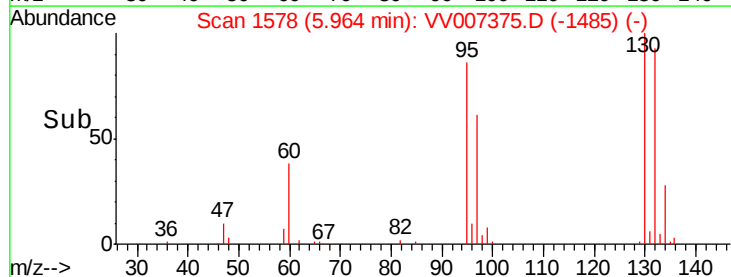
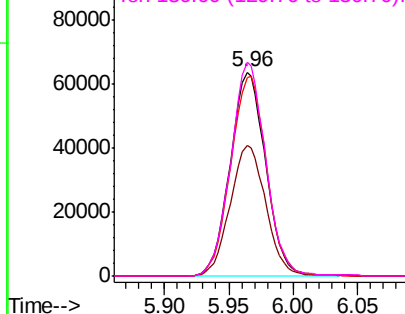
#34

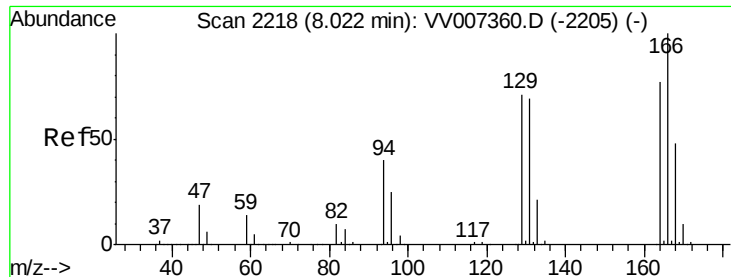
Trichloroethene
Concen: 32.541 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV007375.D
Acq: 05 Sep 2018 11:13

Tgt Ion: 95 Resp: 122164
Ion Ratio Lower Upper
95 100
97 64.1 46.1 85.7
132 96.9 70.8 131.6
130 104.6 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 15.621 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007375.D

Acq: 05 Sep 2018 11:13

Instrument :

MSVOA_V

ClientSampleId :

E0AB8DL

Tgt Ion:164 Resp: 47156

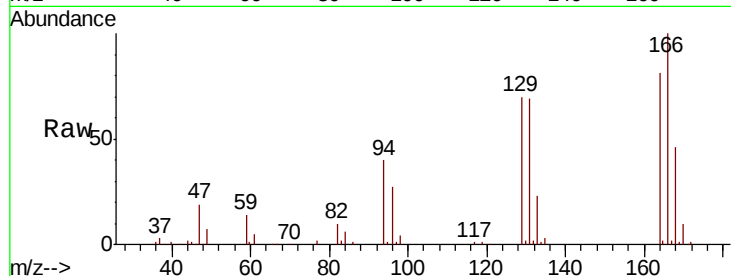
Ion Ratio Lower Upper

164 100

129 86.0 63.9 118.7

131 85.0 62.6 116.2

166 123.1 91.6 170.2

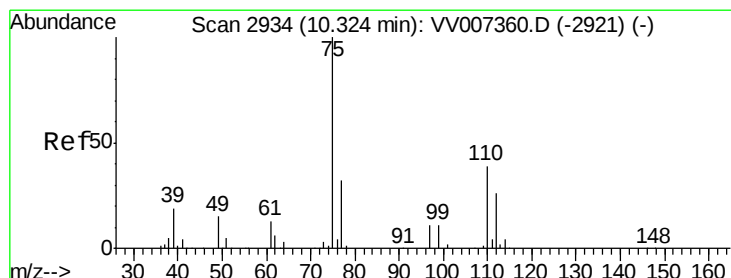
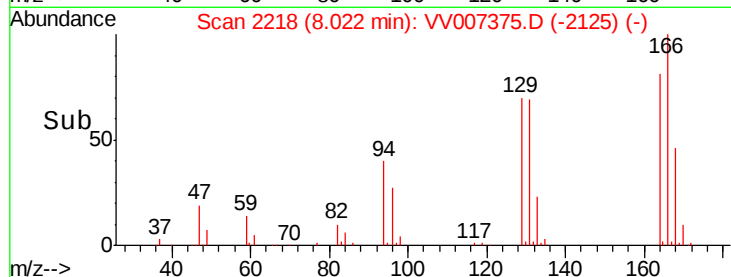
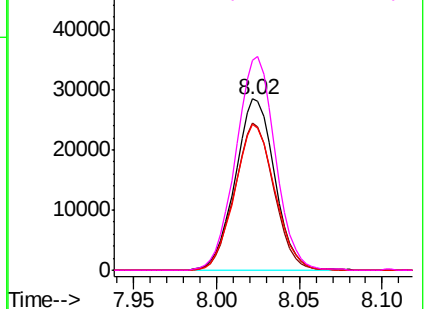


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.038 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007375.D

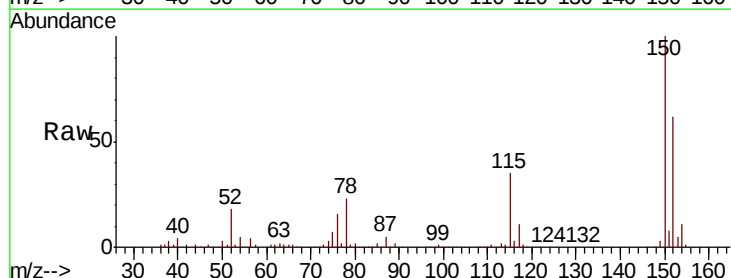
Acq: 05 Sep 2018 11:13

Tgt Ion: 75 Resp: 20298

Ion Ratio Lower Upper

75 100

77 36.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

