

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007351.D
 Acq On : 05 Sep 2018 01:20
 Operator : SY/MD
 Sample : J4695-06 20X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE48

Quant Time: Sep 05 01:45:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	509324	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	493640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	181103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168748	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.78%
7) Chloroethane-d5	1.57	69	111394	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.13	63	232353	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	3.96	46	267222	90.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.30%
24) Chloroform-d	4.41	84	346929	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	217528	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
32) Benzene-d6	5.11	84	698851	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
36) 1,2-Dichloropropane-d6	6.12	67	234903	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.37	98	565552	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.67	79	92299	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.14	63	177435	90.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	306087	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	208510	53.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.14%

Target Compounds

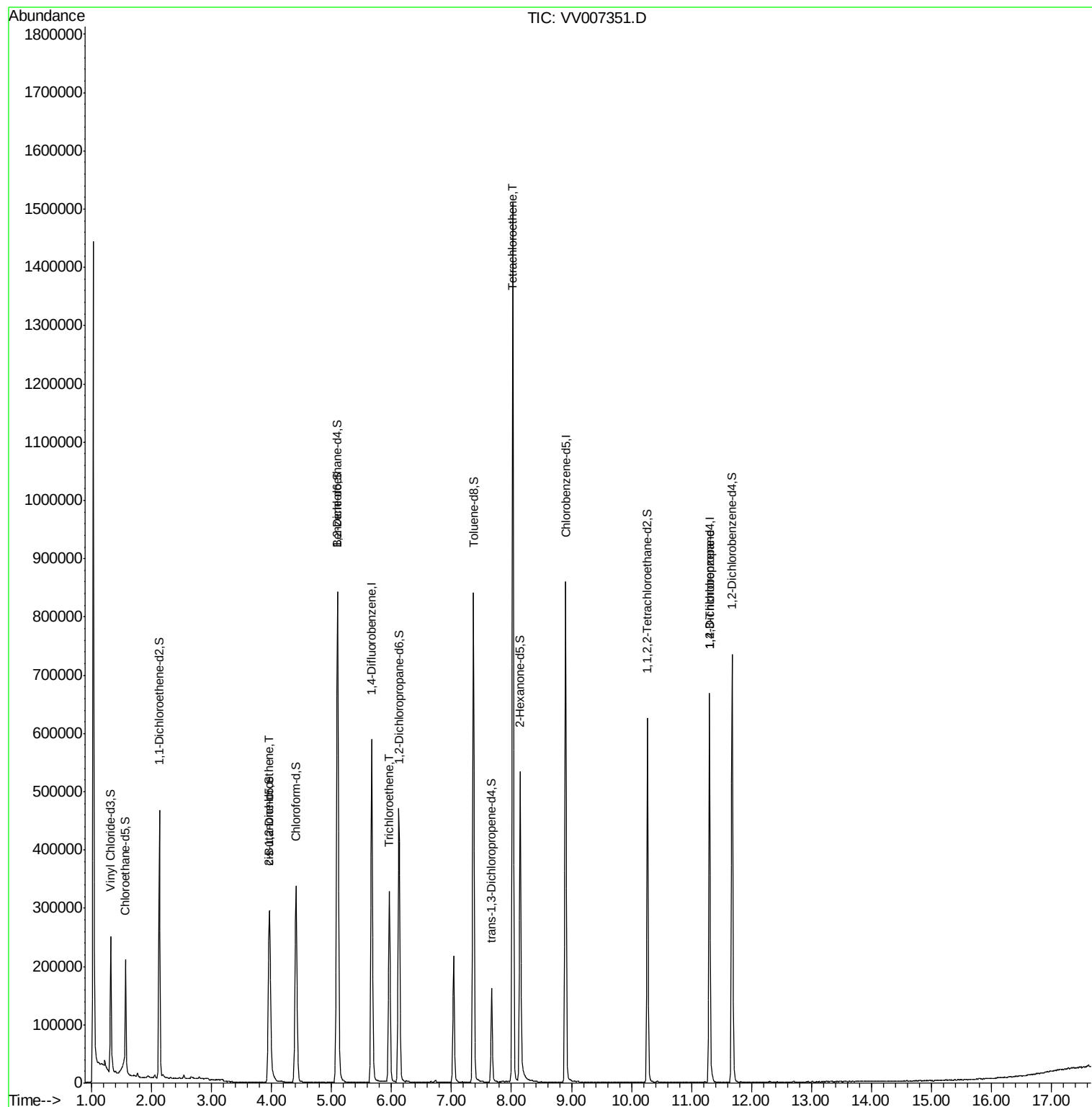
					Qvalue
20) cis-1,2-Dichloroethene	3.97	96	84158	20.812	ug/L 100
34) Trichloroethene	5.96	95	112489	29.183	ug/L 97
46) Tetrachloroethene	8.02	164	356523	115.026	ug/L 97
59) 1,2,3-Trichloropropane	11.30	75	19857	3.848	ug/L 90

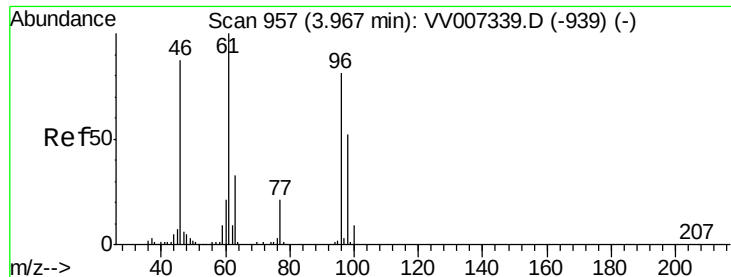
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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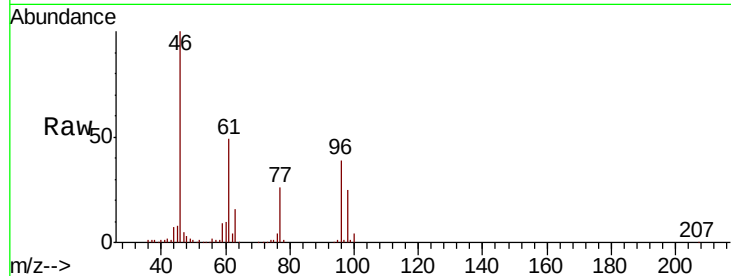




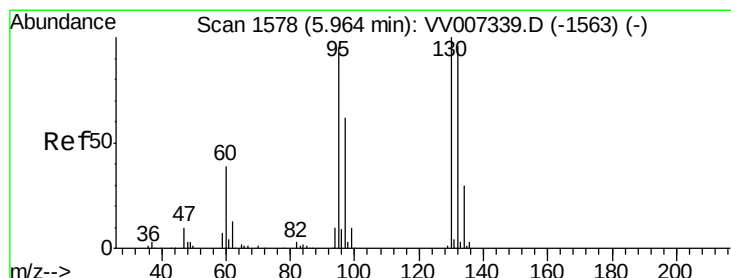
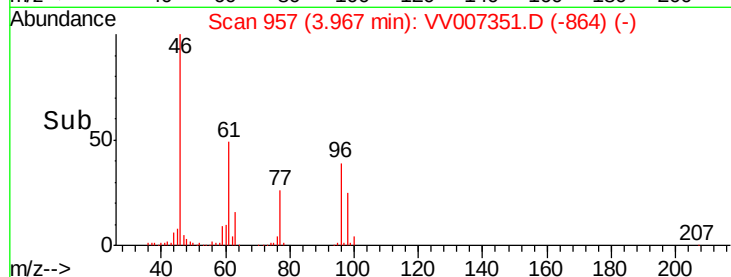
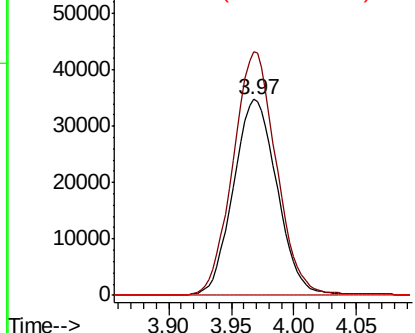
#20
 cis-1,2-Dichloroethene
 Concen: 20.812 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV007351.D
 Acq: 05 Sep 2018 01:20

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE48

Tgt Ion: 96 Resp: 84158
 Ion Ratio Lower Upper
 96 100
 61 124.4 86.8 161.2
 68 0.0 0.0 0.0

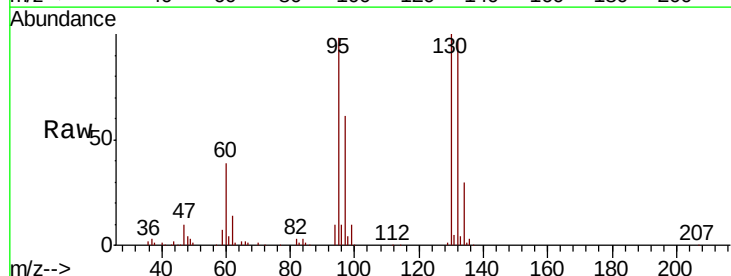


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

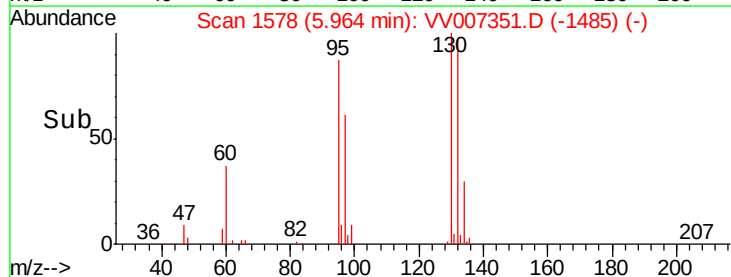
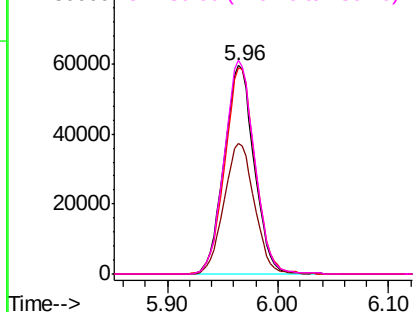


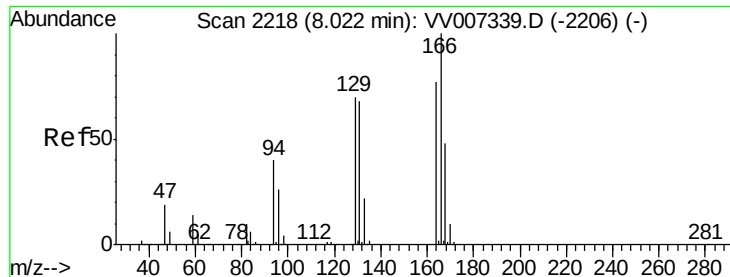
#34
 Trichloroethene
 Concen: 29.183 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007351.D
 Acq: 05 Sep 2018 01:20

Tgt Ion: 95 Resp: 112489
 Ion Ratio Lower Upper
 95 100
 97 62.9 46.1 85.7
 132 99.0 70.8 131.6
 130 102.5 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: 115.026 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007351.D

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Instrument :

MSVOA_V

ClientSampleId :

BEE48

Tgt Ion:164 Resp: 356523

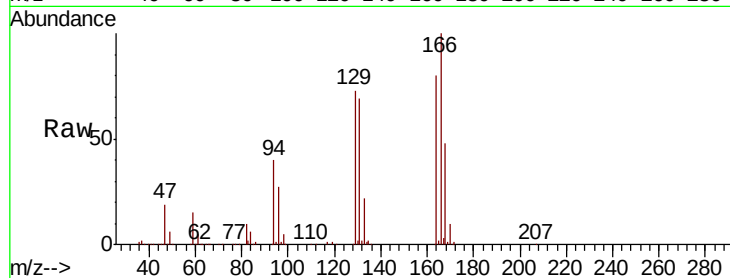
Ion Ratio Lower Upper

164 100

129 91.2 63.9 118.7

131 86.5 62.6 116.2

166 124.9 91.6 170.2

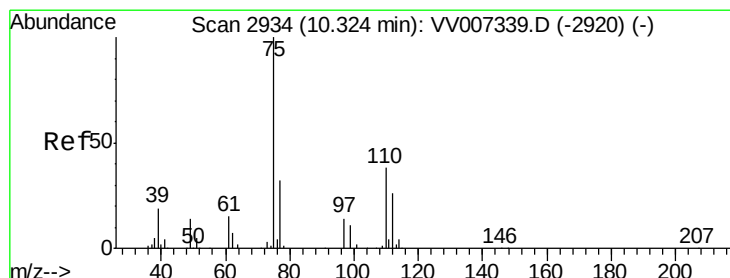
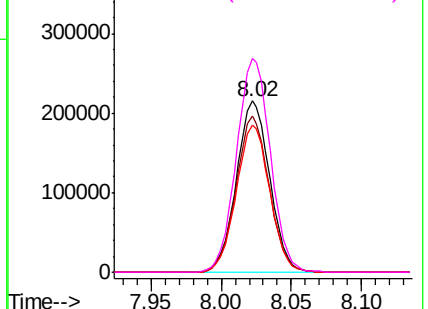
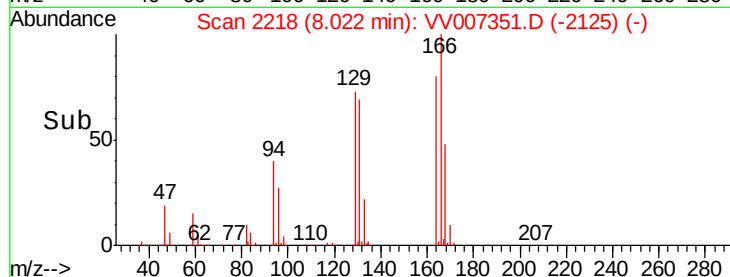


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.848 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007351.D

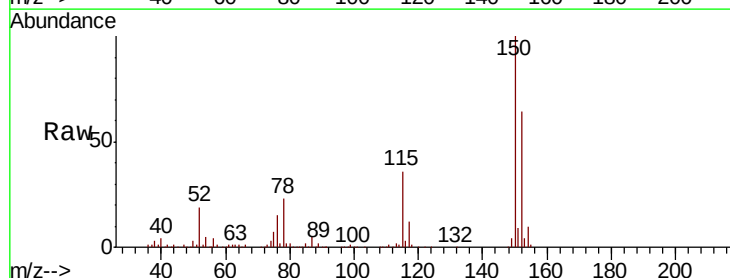
Acq: 05 Sep 2018 01:20

Tgt Ion: 75 Resp: 19857

Ion Ratio Lower Upper

75 100

77 37.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

