

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008077.D
 Acq On : 04 Oct 2018 22:24
 Operator : SY/MD
 Sample : J5246-11
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J79

Quant Time: Oct 05 06:45:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	78145	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76006	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17440	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.59	69	17698	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.14	63	30071	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.97	46	72680	57.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.36%
24) Chloroform-d	4.41	84	49984	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.09	65	26956	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	91272	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	30296	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	82078	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	9806	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	47527	48.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22853	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	36780	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

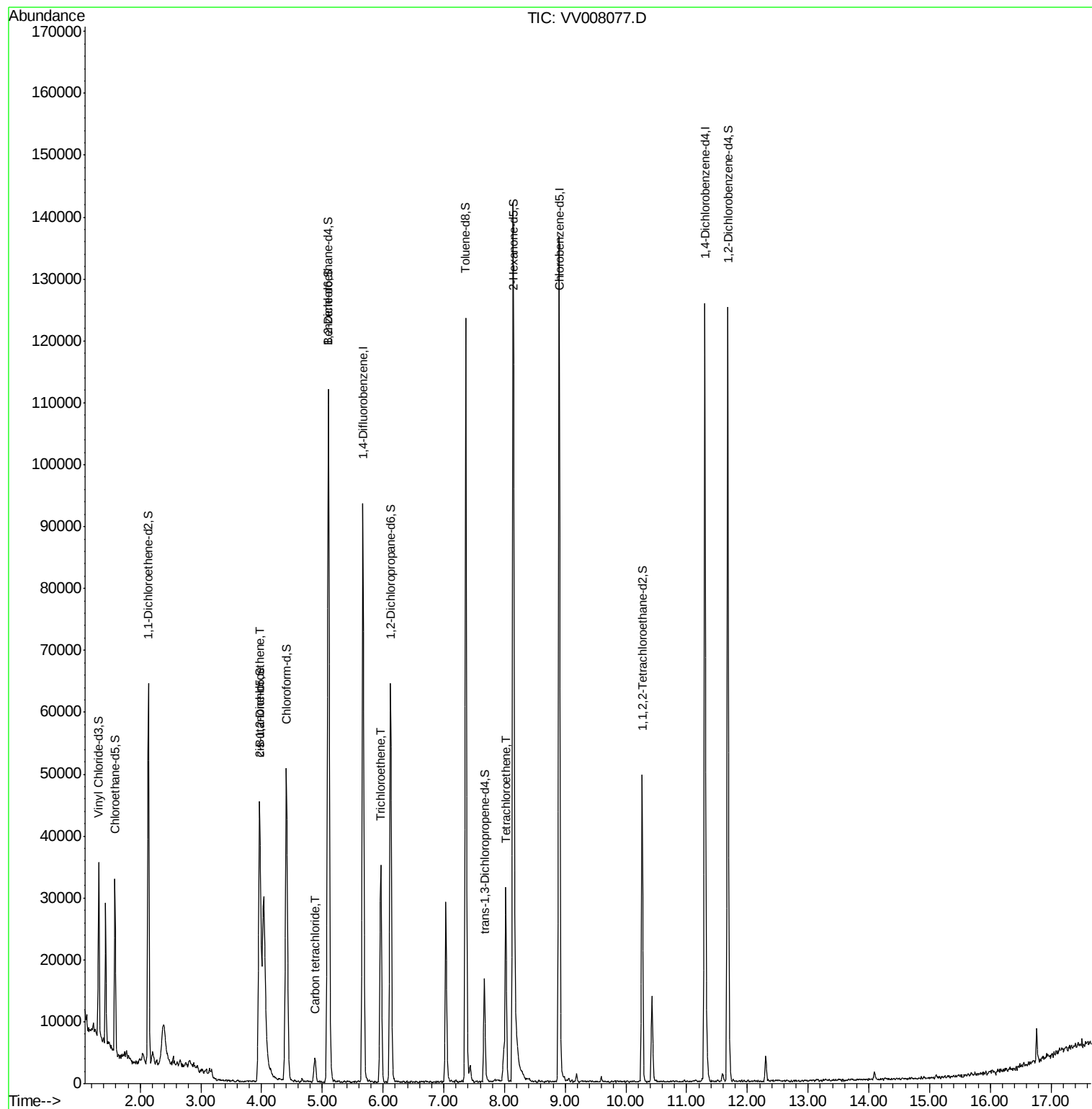
					Qvalue
22) cis-1,2-Dichloroethene	3.96	96	2908	0.504 ug/L	74
31) Carbon tetrachloride	4.87	117	2994	0.372 ug/L	98
34) Trichloroethene	5.96	95	11394	1.828 ug/L	95
47) Tetrachloroethene	8.02	164	7336	1.270 ug/L	98

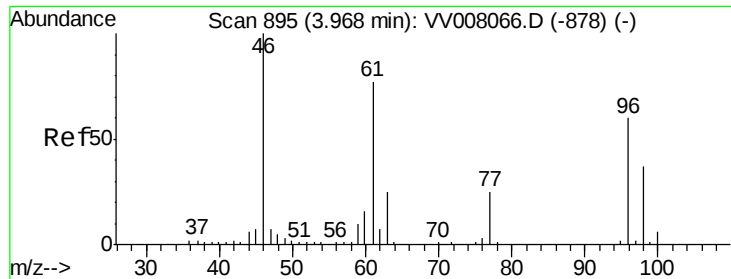
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
Data File : VV008077.D
Acq On : 04 Oct 2018 22:24
Operator : SY/MD
Sample : J5246-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J79

Quant Time: Oct 05 06:45:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:56:33 2018
Response via : Initial Calibration



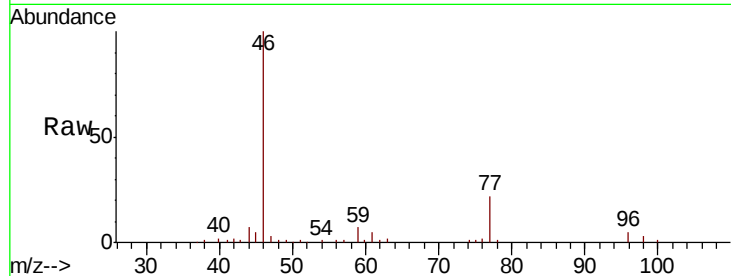


#22

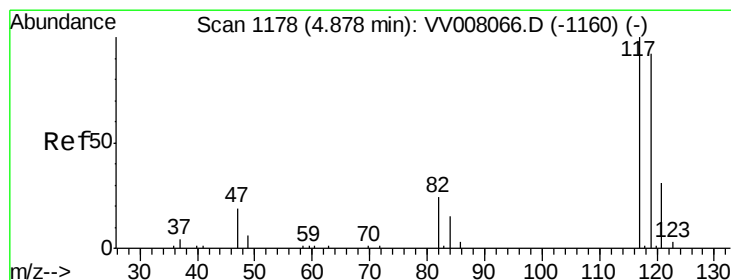
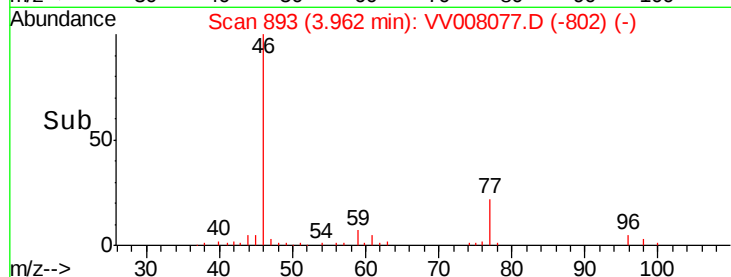
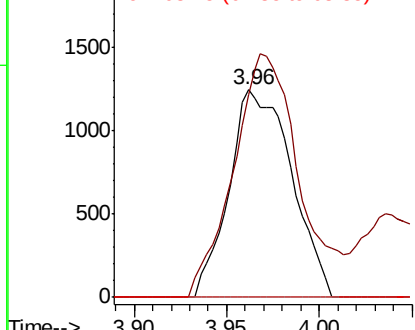
cis-1,2-Dichloroethene
 Concen: 0.504 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VV008077.D
 Acq: 04 Oct 2018 22:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J79

Tgt Ion: 96 Resp: 2908
 Ion Ratio Lower Upper
 96 100
 61 97.7 89.5 166.1
 68 0.0 0.0 0.0



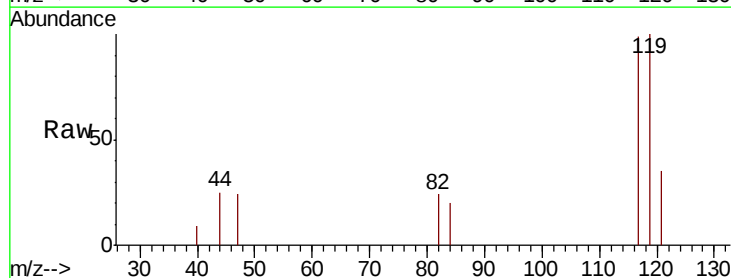
Abundance Ion 96.00 (95.70 to 96.70): VV008066.D (-878) (-)
 Ion 61.05 (60.75 to 61.75): VV008066.D (-878) (-)
 Ion 68.15 (67.85 to 68.85): VV008066.D (-878) (-)



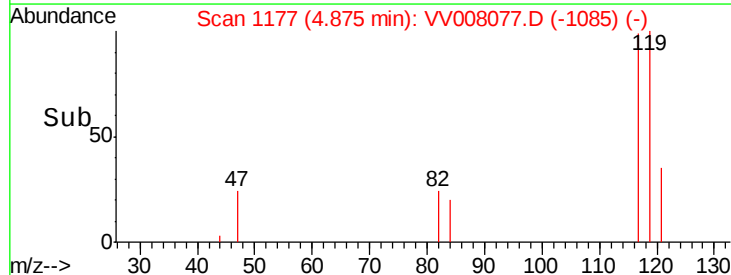
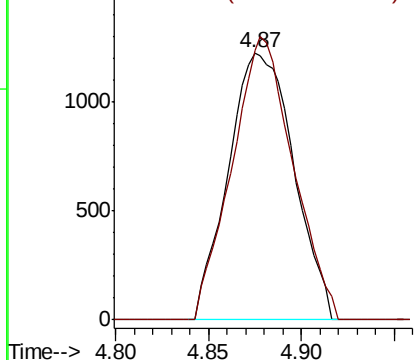
#31

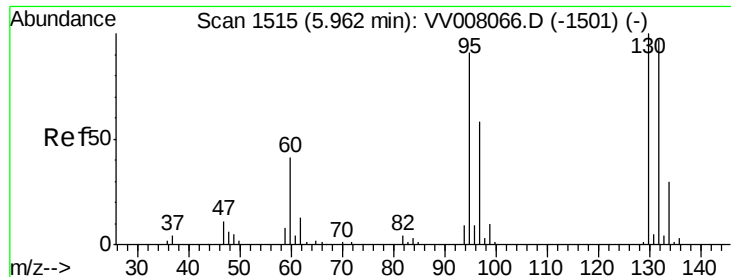
Carbon tetrachloride
 Concen: 0.372 ug/L
 RT: 4.87 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VV008077.D
 Acq: 04 Oct 2018 22:24

Tgt Ion: 117 Resp: 2994
 Ion Ratio Lower Upper
 117 100
 119 99.1 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): VV008066.D (-1160) (-)
 Ion 118.90 (118.60 to 119.60): VV008066.D (-1160) (-)





#34

Trichloroethene

Concen: 1.828 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008077.D

Acq: 04 Oct 2018 22:24

Instrument :

MSVOA_V

ClientSampleId :

C0J79

Tgt Ion: 95 Resp: 11394

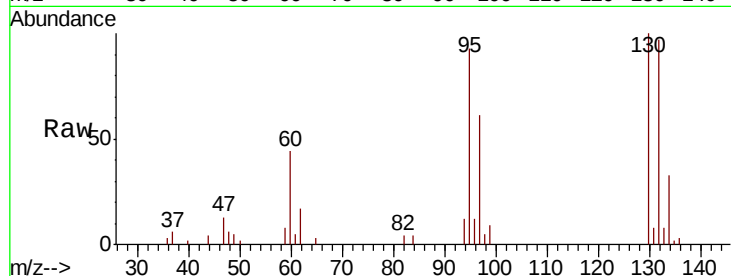
Ion Ratio Lower Upper

95 100

97 65.3 43.6 81.0

132 104.7 69.9 129.9

130 107.8 71.7 133.3

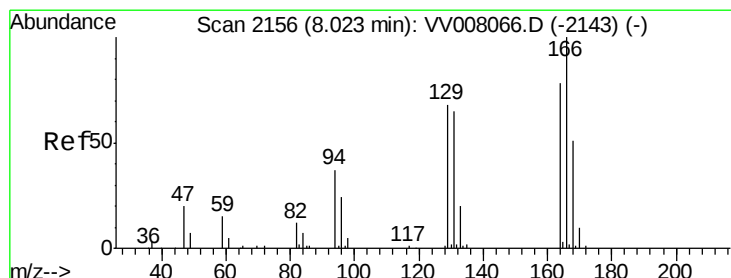
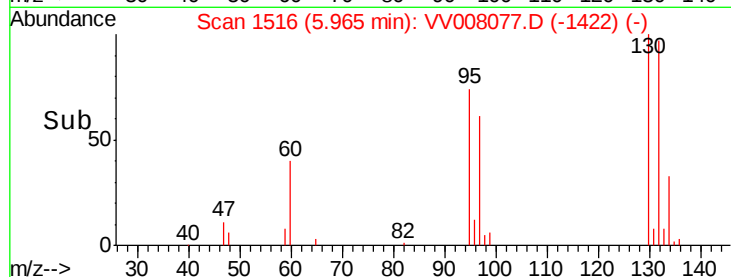
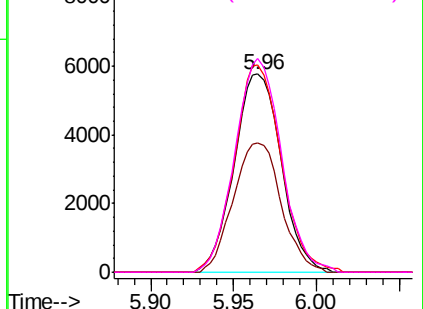


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.270 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008077.D

Acq: 04 Oct 2018 22:24

Tgt Ion: 164 Resp: 7336

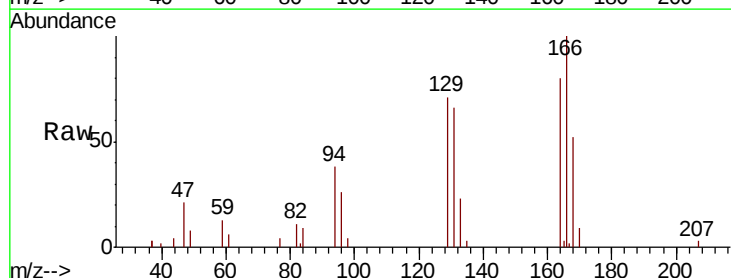
Ion Ratio Lower Upper

164 100

129 88.8 59.2 110.0

131 82.8 57.1 106.1

166 124.8 88.6 164.6



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

