

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008242.D
 Acq On : 10 Oct 2018 19:23
 Operator : SY/MD
 Sample : J5315-08 50X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J99

Quant Time: Oct 11 03:29:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 01:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88357	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19005	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.58	69	17637	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.13	63	28824	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	3.98	46	71800	55.03	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	4.41	84	50014	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.09	65	25240	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	91834	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.12	67	31629	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	75997	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	7.67	79	9720	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	42970	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21628	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	31813	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

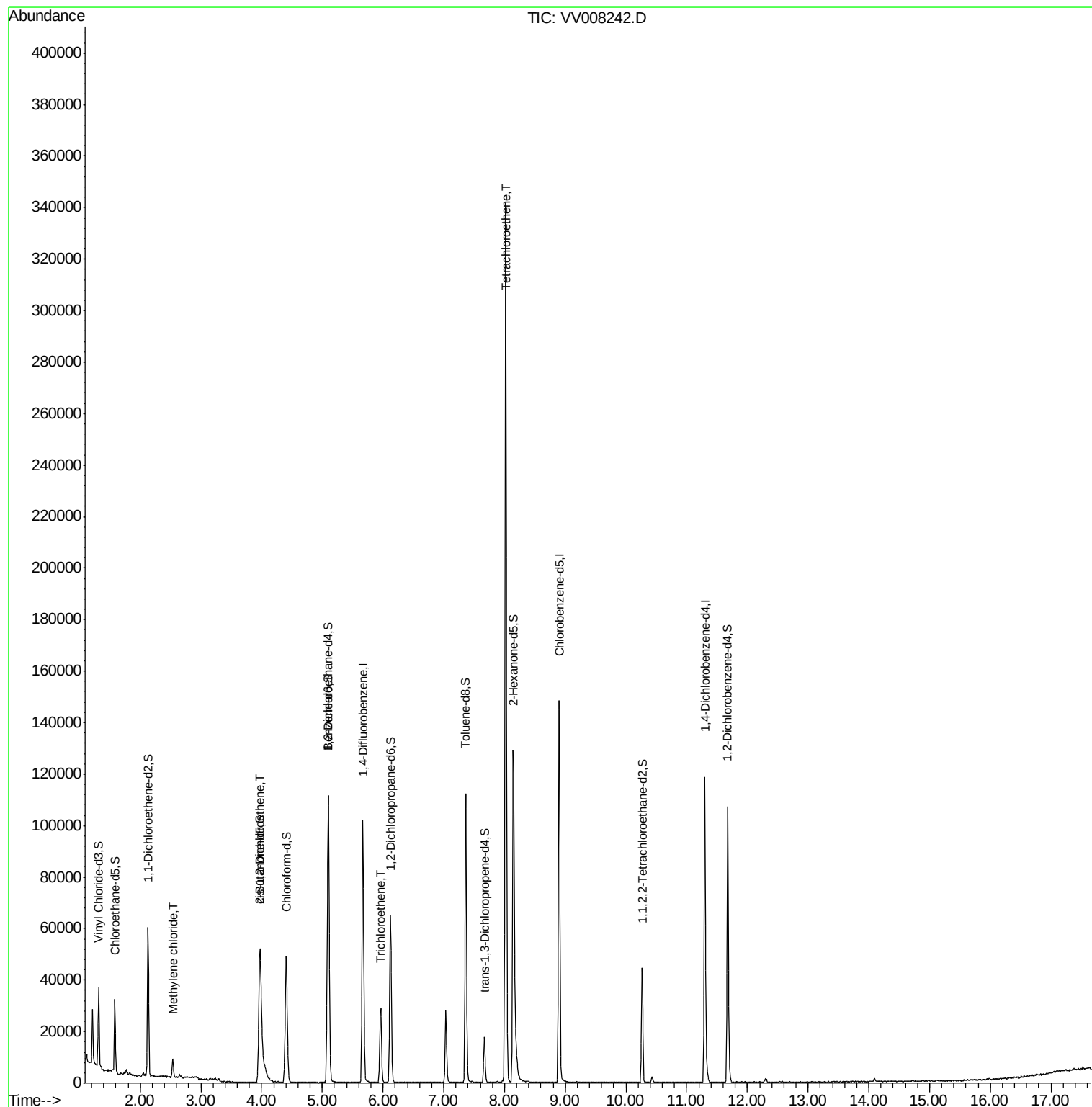
						Qvalue
16) Methylene chloride	2.53	84	2799	0.48	ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	14971	2.54	ug/L	99
34) Trichloroethene	5.96	95	8954	1.42	ug/L	94
47) Tetrachloroethene	8.02	164	82463	14.66	ug/L	98

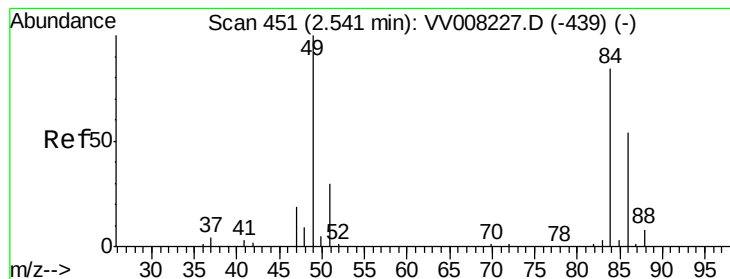
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.48 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.01 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

C0J99

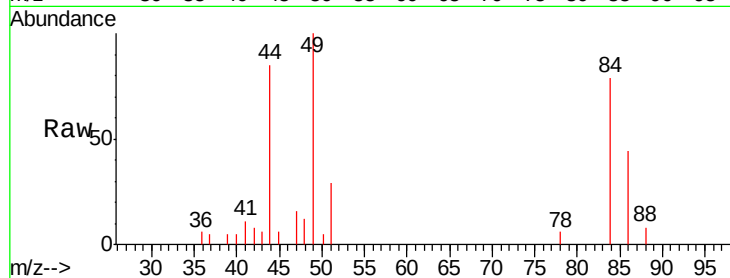
Tgt Ion: 84 Resp: 2799

Ion Ratio Lower Upper

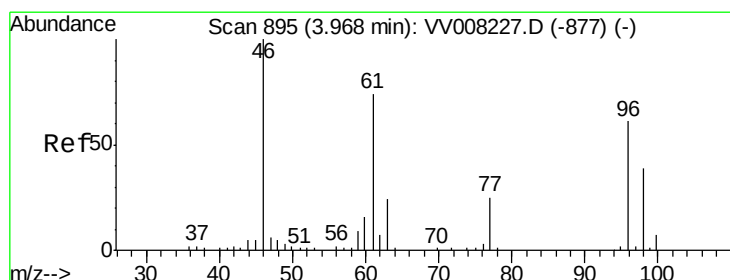
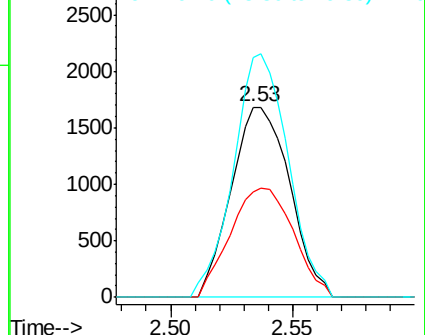
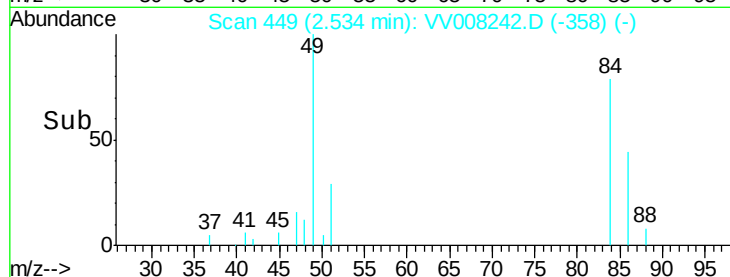
84 100

86 55.6 45.3 84.1

49 126.4 83.0 154.1



Abundance Ion 84.05 (83.75 to 84.75): VV008242.D (-358) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.54 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

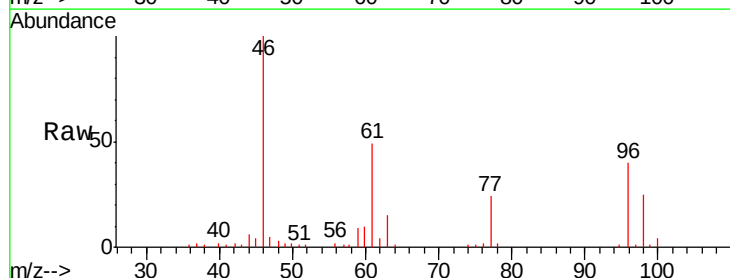
Tgt Ion: 96 Resp: 14971

Ion Ratio Lower Upper

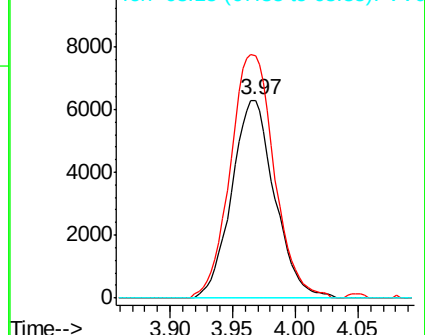
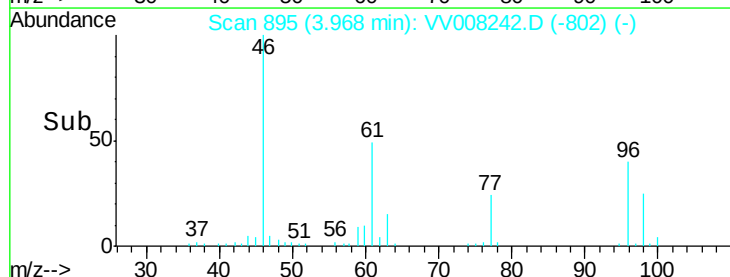
96 100

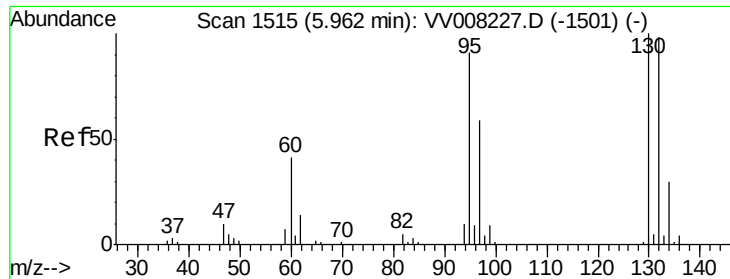
61 122.4 85.1 158.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008242.D (-802) (-)





#34

Trichloroethene

Concen: 1.42 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Instrument :

MSVOA_V

ClientSampleId :

C0J99

Tgt Ion: 95 Resp: 8954

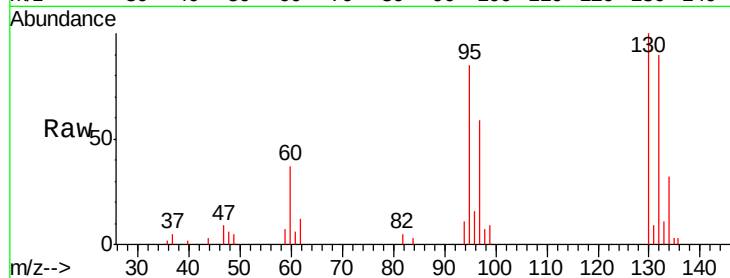
Ion Ratio Lower Upper

95 100

97 69.5 44.9 83.5

132 106.7 73.6 136.6

130 118.2 76.2 141.6

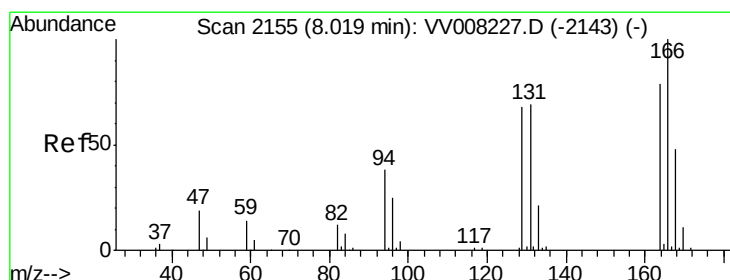
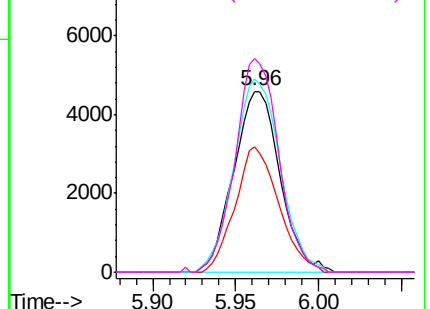
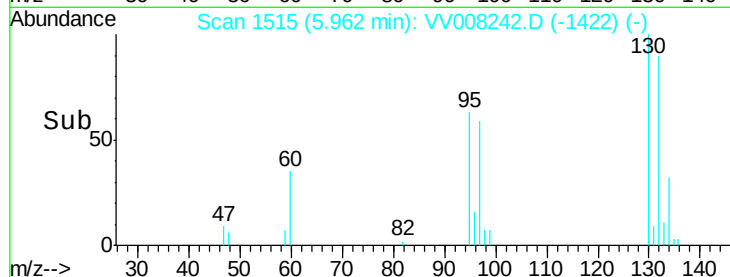


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 14.66 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008242.D

Acq: 10 Oct 2018 19:23

Tgt Ion: 164 Resp: 82463

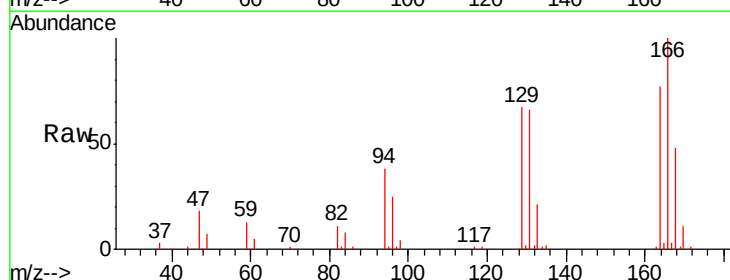
Ion Ratio Lower Upper

164 100

129 86.4 62.2 115.4

131 85.2 60.5 112.5

166 129.1 92.1 171.1



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

