

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008283.D
 Acq On : 15 Oct 2018 19:12
 Operator : SY/MD
 Sample : J5407-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS8

Quant Time: Oct 19 16:13:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	69671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	61729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20736	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.58	69	14950	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	28178	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	65339	49.48	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	4.41	84	40135	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	21338	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	87846	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	29602	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	77301	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	10686	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	39823	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17801	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	22379	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

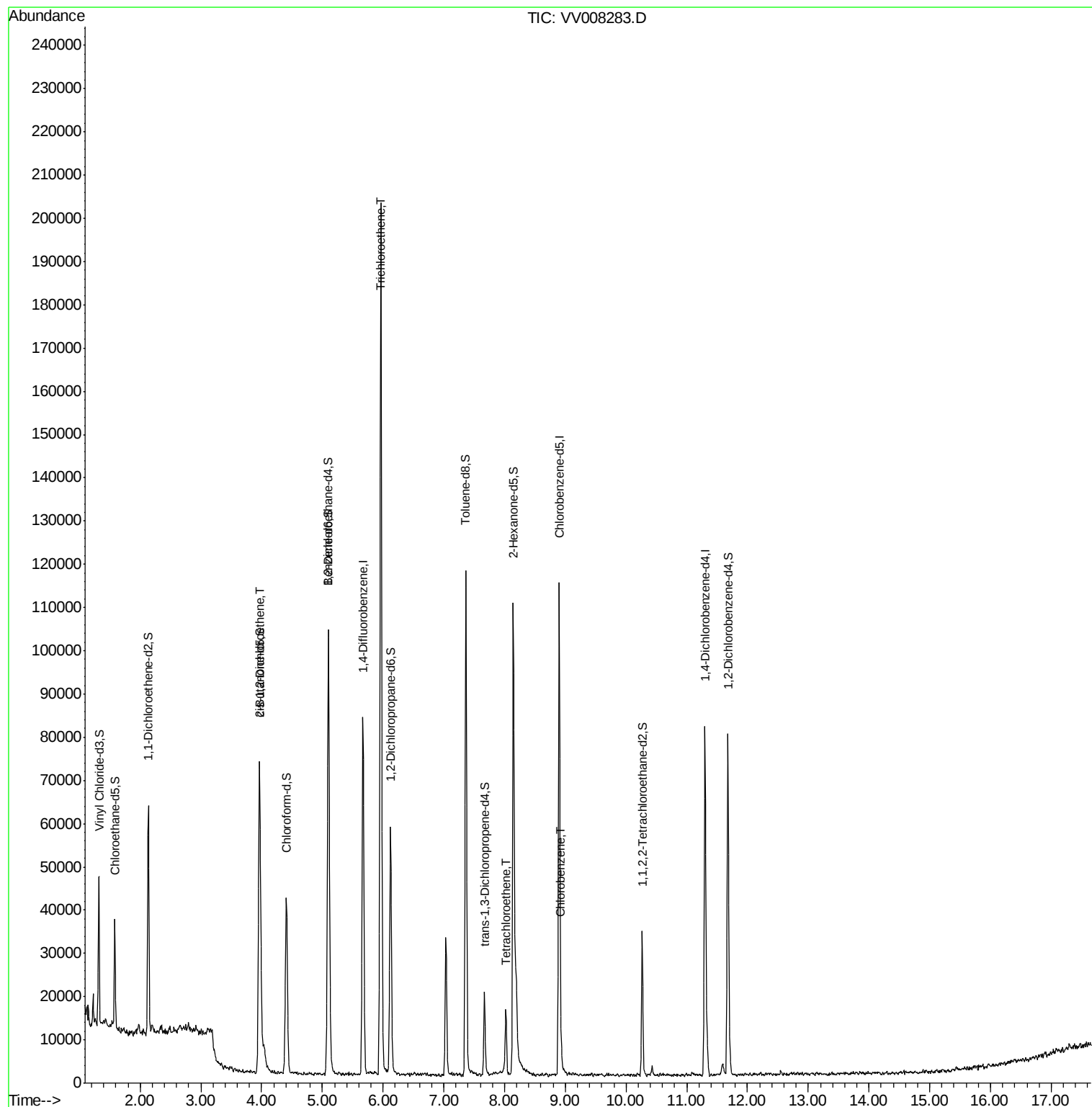
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.97	96	21188	3.644 ug/L #	98
34) Trichloroethene	5.96	95	71558	12.413 ug/L	98
47) Tetrachloroethene	8.03	164	3035	0.840 ug/L	95
51) Chlorobenzene	8.93	112	2946	0.229 ug/L	97

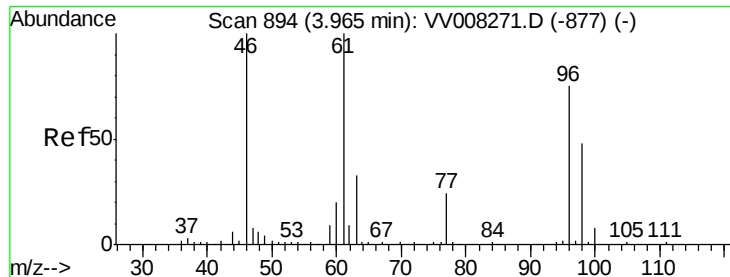
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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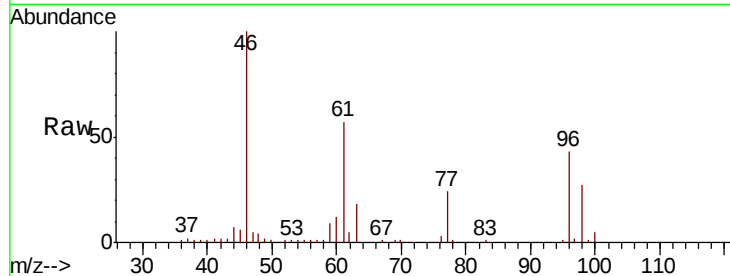


#22

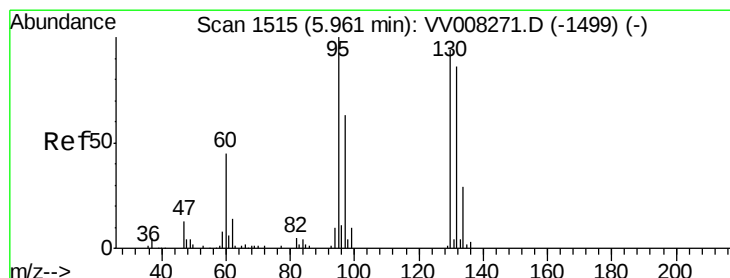
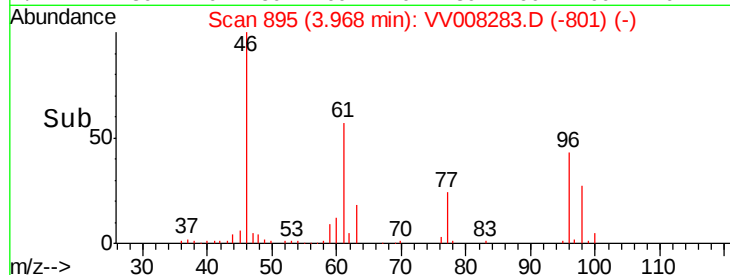
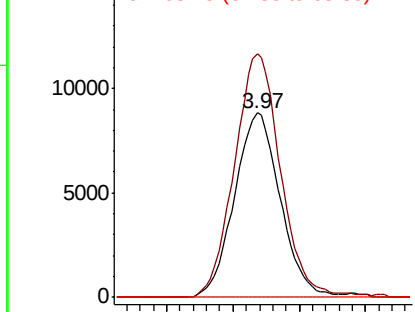
cis-1,2-Dichloroethene
Concen: 3.644 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008283.D
Acq: 15 Oct 2018 19:12

Instrument :
MSVOA_V
ClientSampleId :
CWJS8

Tot Ion: 96 Resp: 21188
Ion Ratio Lower Upper
96 100
61 132.0 93.7 174.1
68 0.0 0.6 1.2#



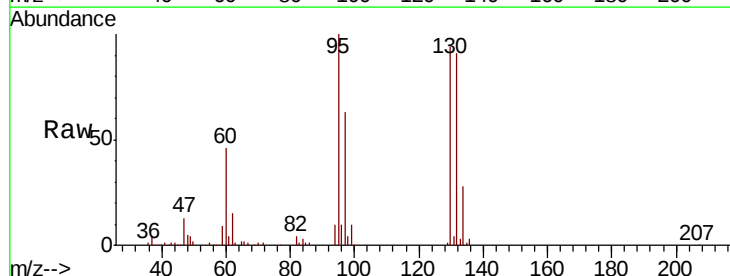
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



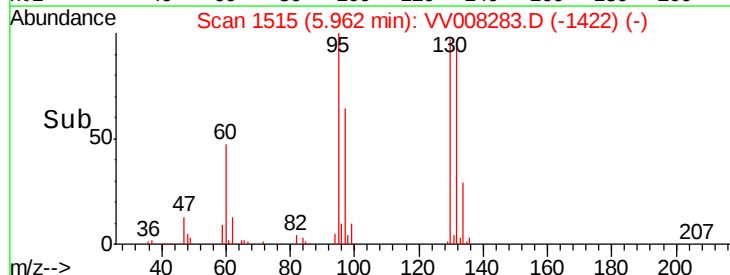
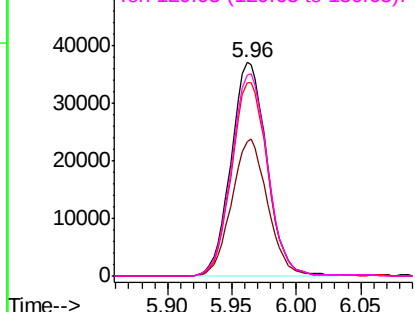
#34

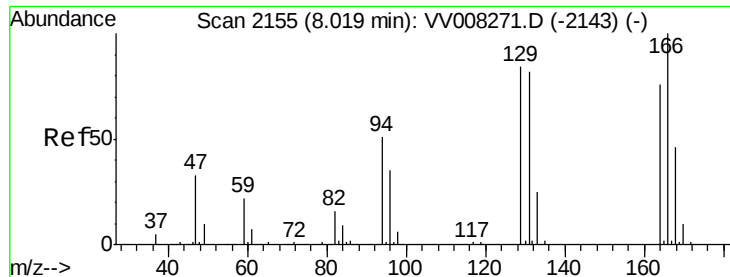
Trichloroethene
Concen: 12.413 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008283.D
Acq: 15 Oct 2018 19:12

Tgt Ion: 95 Resp: 71558
Ion Ratio Lower Upper
95 100
97 62.8 44.4 82.4
132 90.7 60.4 112.2
130 94.3 65.5 121.7



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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.840 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV008283.D

Acq: 15 Oct 2018 19:12

Instrument :

MSVOA_V

ClientSampleId :

CWJS8

Tot Ion:164 Resp: 3035

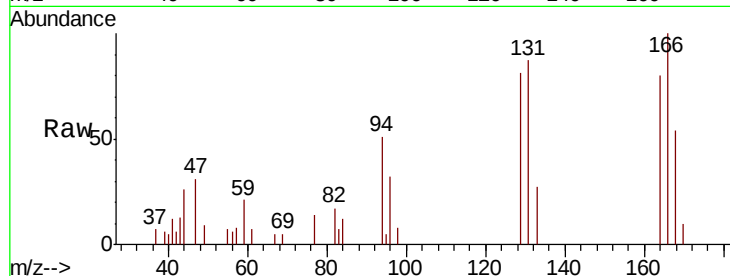
Ion Ratio Lower Upper

164 100

129 101.4 76.5 142.1

131 108.9 74.7 138.7

166 125.5 91.6 170.0

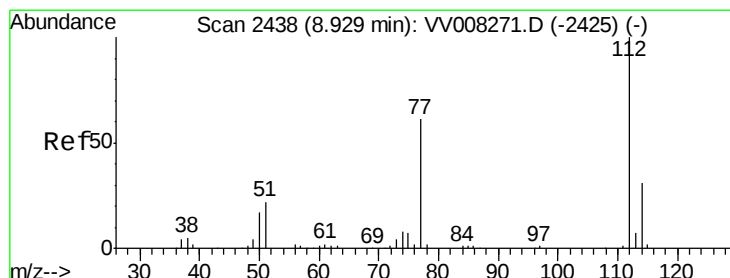
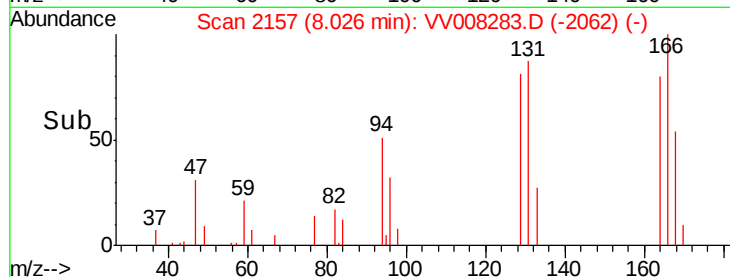
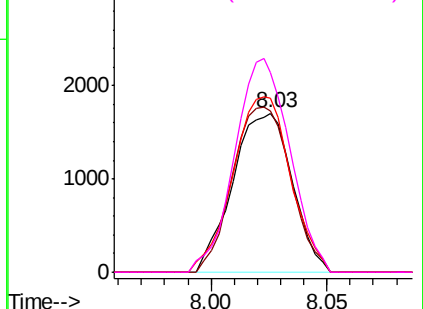


Abundance Ion 163.90 (163.60 to 164.60): V

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



#51

Chlorobenzene

Concen: 0.229 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008283.D

Acq: 15 Oct 2018 19:12

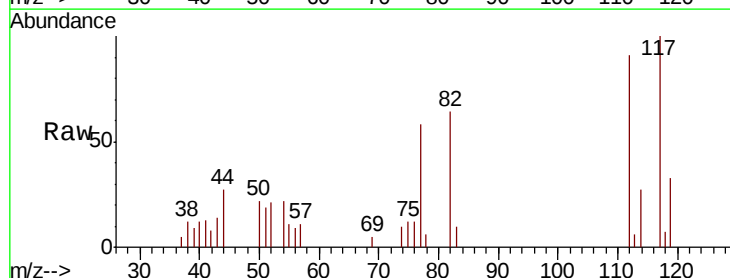
Tgt Ion:112 Resp: 2946

Ion Ratio Lower Upper

112 100

114 29.3 21.6 40.0

77 64.3 49.7 74.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

