

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008279.D
 Acq On : 15 Oct 2018 17:18
 Operator : SY/MD
 Sample : J5407-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS2

Quant Time: Oct 19 16:12:08 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	76545	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	68120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21130	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	14748	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.14	63	29180	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.96	46	67234	46.34	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	4.41	84	40963	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.09	65	20902	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.10	84	90432	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.13	67	31026	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	79964	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	11709	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	39909	41.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18875	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	22893	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

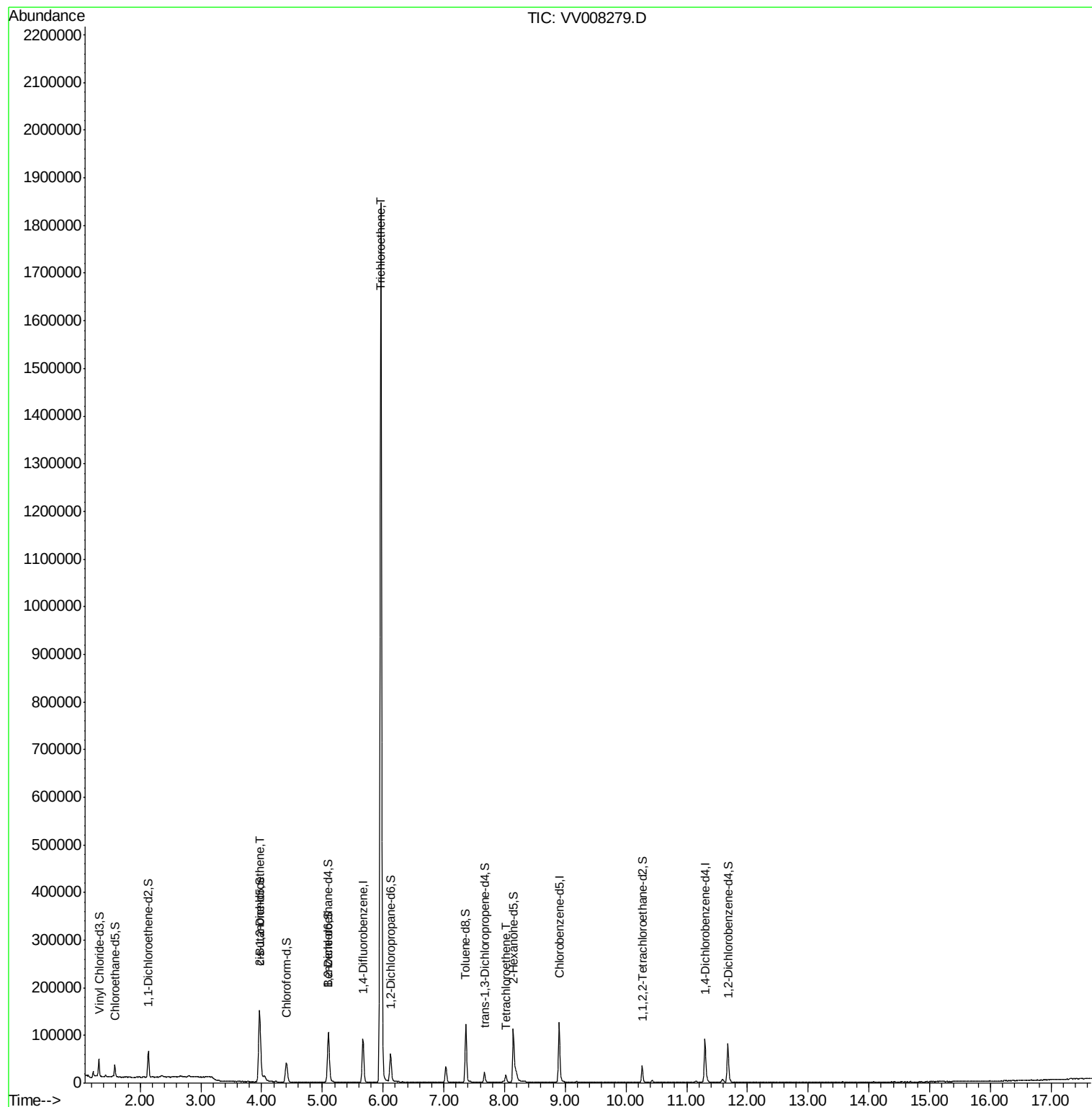
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	64121	10.039 ug/L #	98
34) Trichloroethene	5.96	95	658952	103.586 ug/L	98
47) Tetrachloroethene	8.02	164	2993	0.751 ug/L	95

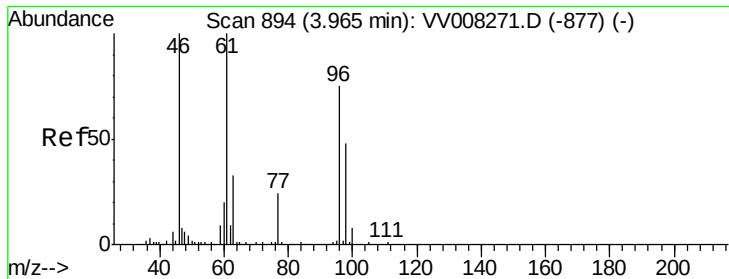
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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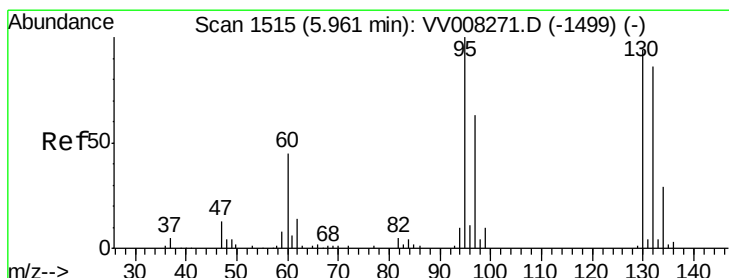
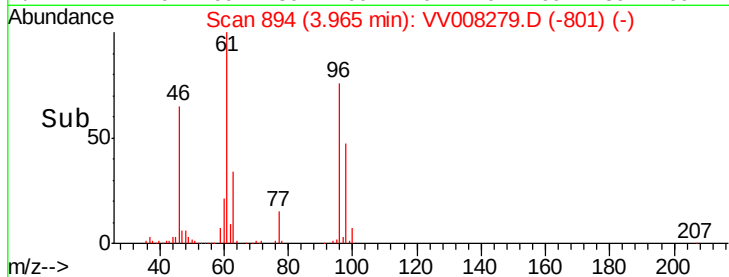
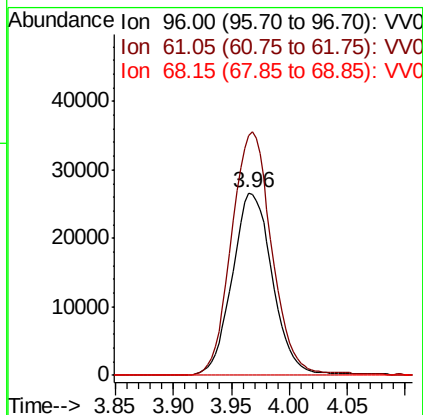
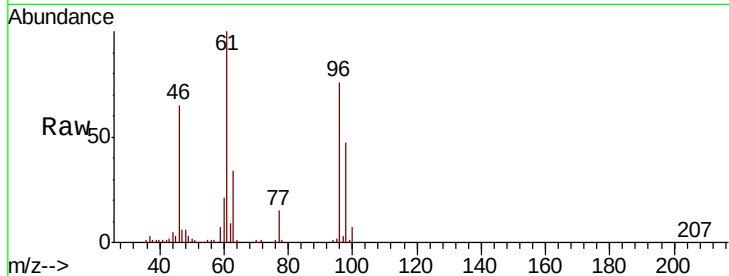


#22

cis-1,2-Dichloroethene
Concen: 10.039 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008279.D
Acq: 15 Oct 2018 17:18

Instrument :
MSVOA_V
ClientSampleId :
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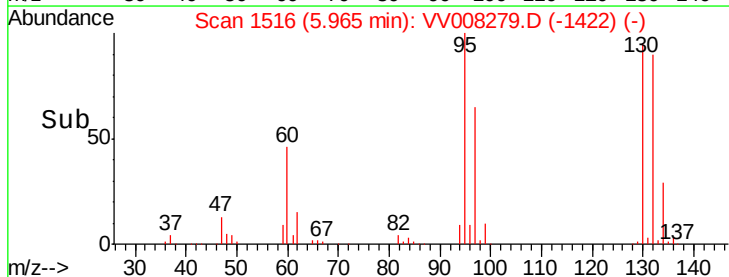
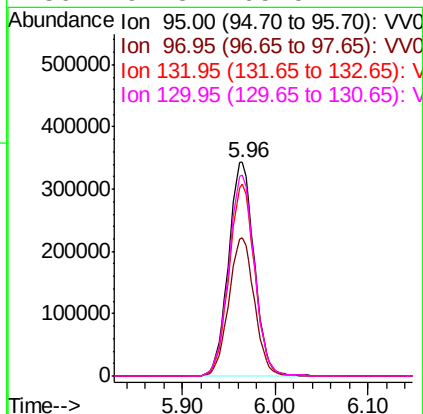
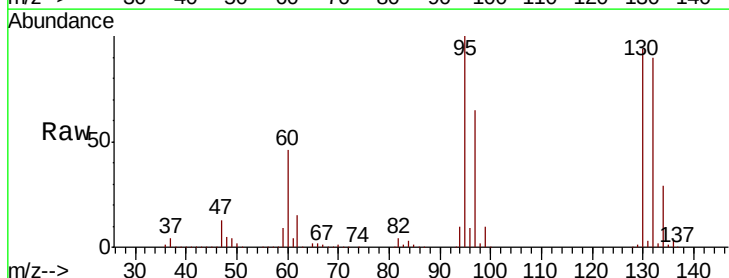
Tot Ion: 96 Resp: 64121
Ion Ratio Lower Upper
96 100
61 131.2 93.7 174.1
68 0.0 0.6 1.2#

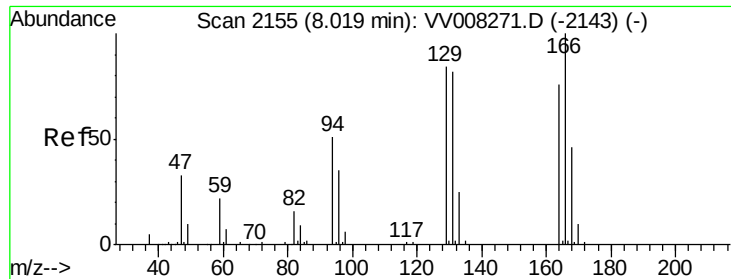


#34

Trichloroethene
Concen: 103.586 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008279.D
Acq: 15 Oct 2018 17:18

Tgt Ion: 95 Resp: 658952
Ion Ratio Lower Upper
95 100
97 64.6 44.4 82.4
132 89.8 60.4 112.2
130 94.3 65.5 121.7





#47

Tetrachloroethene

Concen: 0.751 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008279.D

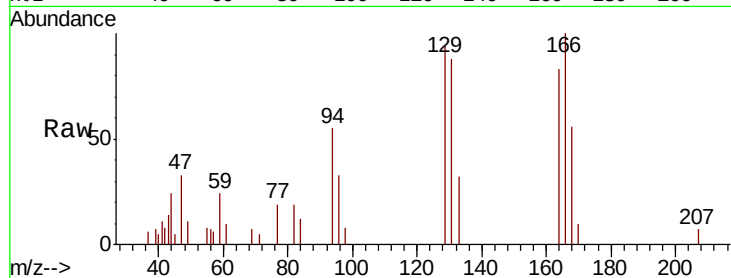
Acq: 15 Oct 2018 17:18

Instrument :

MSVOA_V

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CWJS2



Tot Ion:164 Resp: 2993

Ion Ratio Lower Upper

164 100

129 113.3 76.5 142.1

131 105.7 74.7 138.7

166 120.6 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

