

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009772.D
 Acq On : 06 Apr 2019 15:01
 Operator : SY/VA
 Sample : K2327-05
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S1

Quant Time: Apr 07 06:09:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	501632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165827	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
7) Chloroethane-d5	2.89	69	152491	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
10) 1,1-Dichloroethene-d2	4.01	63	288753	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	7.07	46	105667	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
24) Chloroform-d	7.65	84	367663	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.31	65	229269	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.12%
29) Benzene-d6	8.27	84	701577	27.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.56%
33) 1,2-Dichloropropane-d6	9.27	67	214795	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	10.32	98	635469	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.32%
38) trans-1,3-Dichloropropene-	10.57	79	93734	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.93	63	75654	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177987	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	217537	30.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.80%#

Target Compounds

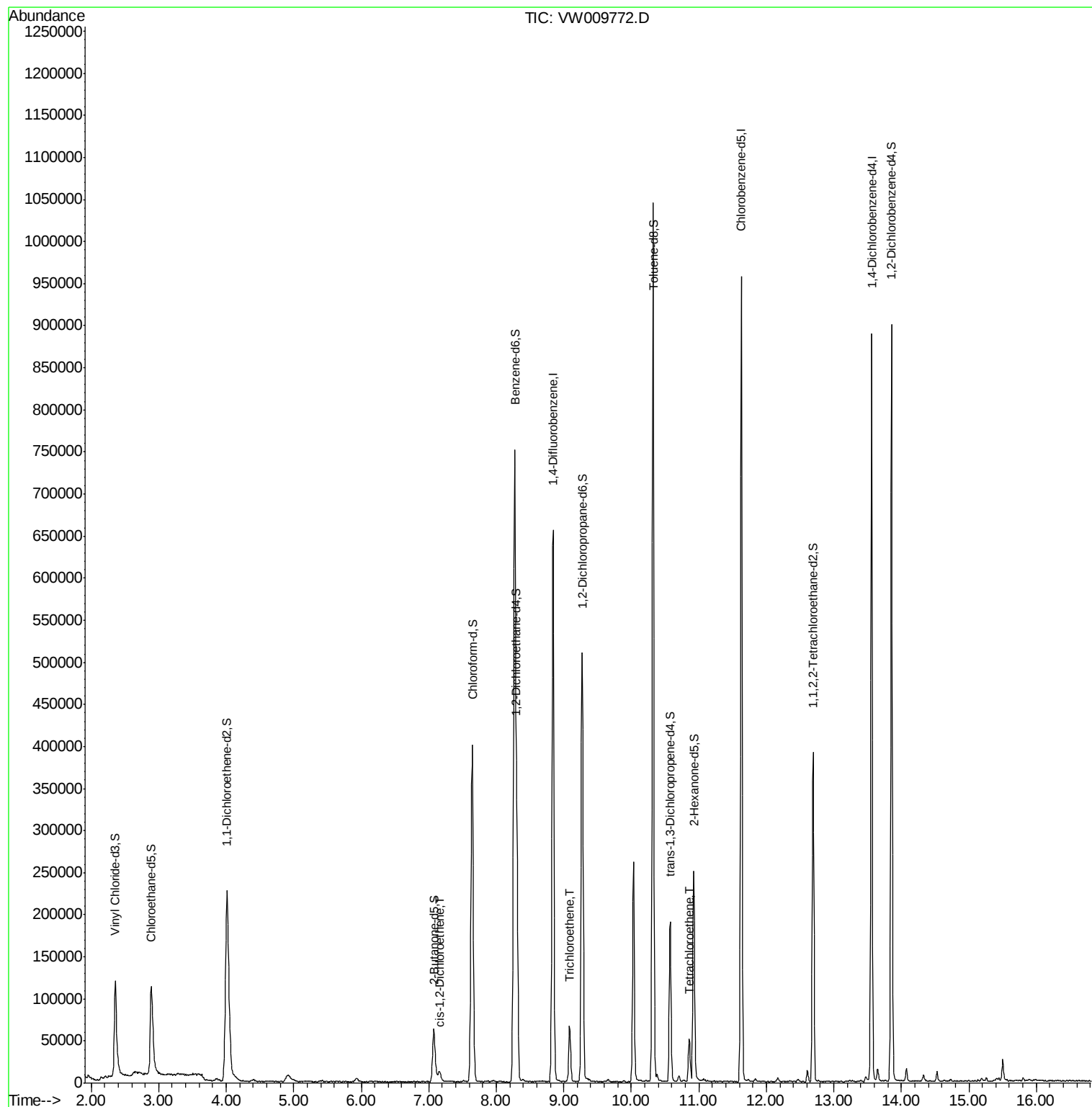
					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	5264	0.710 ug/L	87
35) Trichloroethene	9.09	95	21385	2.809 ug/L	97
47) Tetrachloroethene	10.86	164	10434	1.740 ug/L	88

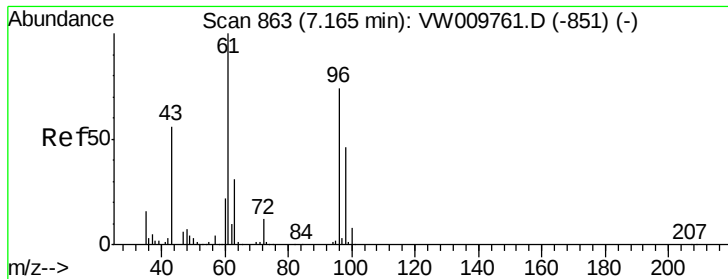
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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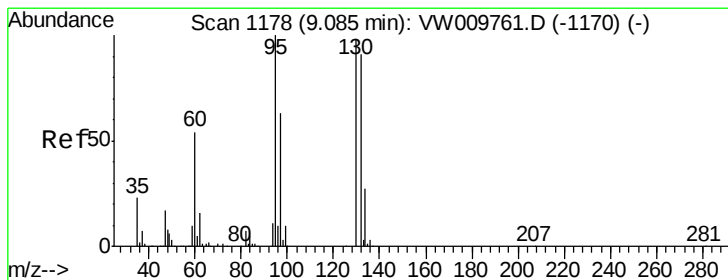
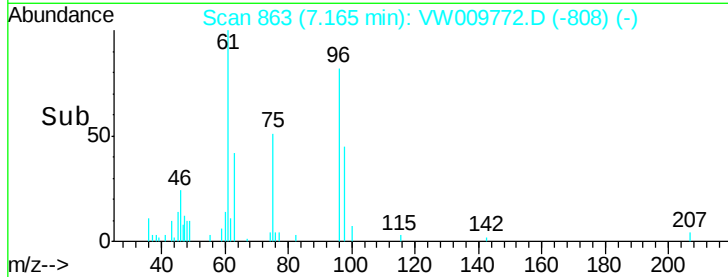
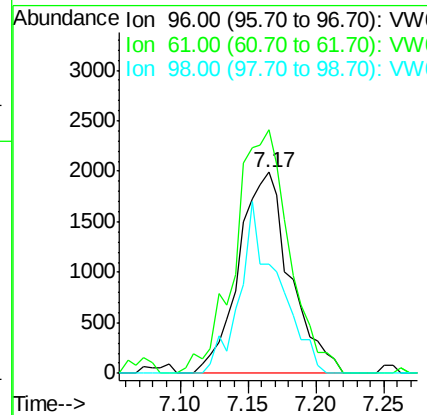
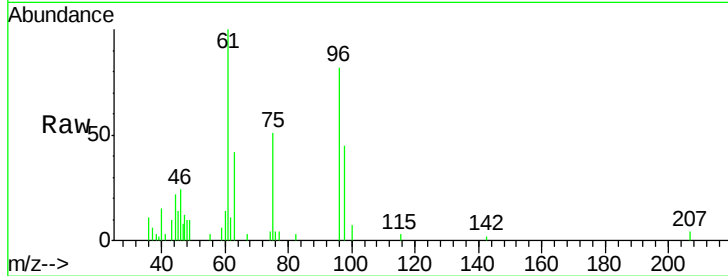


#22

cis-1,2-Dichloroethene
 Concen: 0.710 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009772.D
 Acq: 06 Apr 2019 15:01

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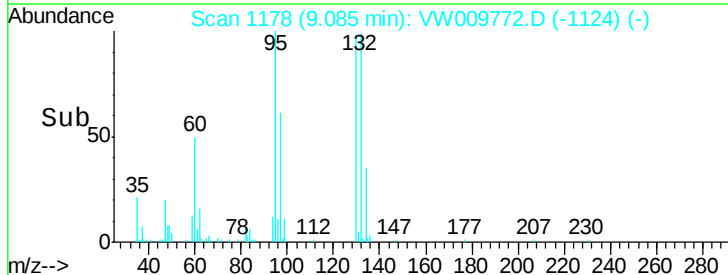
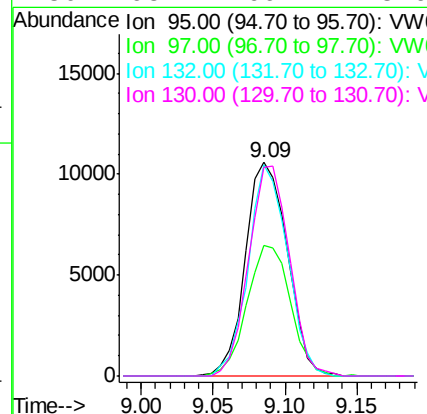
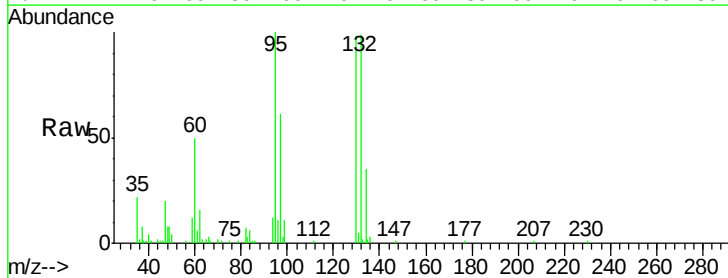
Tot Ion: 96 Resp: 5264
 Ion Ratio Lower Upper
 96 100
 61 121.2 96.8 179.8
 98 54.6 43.5 80.9

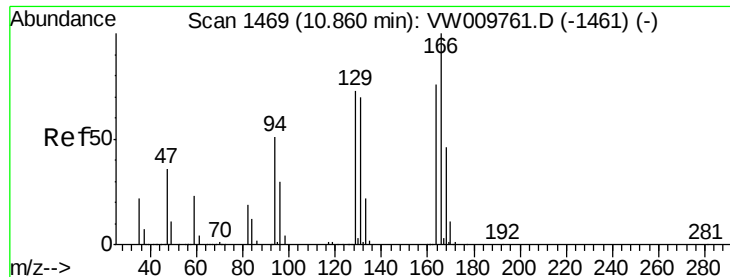


#35

Trichloroethene
 Concen: 2.809 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009772.D
 Acq: 06 Apr 2019 15:01

Tgt Ion: 95 Resp: 21385
 Ion Ratio Lower Upper
 95 100
 97 63.3 44.9 83.5
 132 92.0 67.1 124.7
 130 95.2 69.2 128.6





#47

Tetrachloroethene

Concen: 1.740 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009772.D

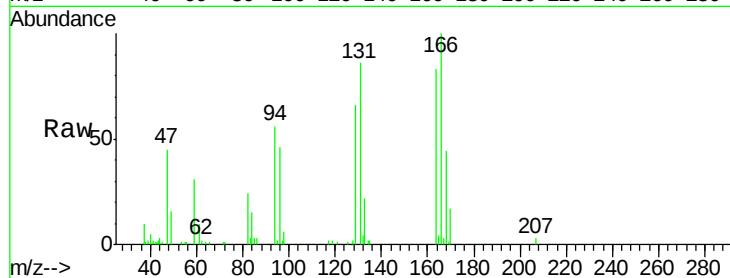
Acq: 06 Apr 2019 15:01

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Tot Ion:164 Resp: 10434

Ion Ratio Lower Upper

164 100

129 79.6 68.9 127.9

131 103.7 63.1 117.1

166 120.0 88.5 164.4

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

