

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009944.D
 Acq On : 12 Apr 2019 06:11
 Operator : SY/VA
 Sample : K2328-21
 Misc : 4.17G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB739

Quant Time: Apr 12 08:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 05:38:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	531682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	520244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	215754	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102692	14.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.04%
7) Chloroethane-d5	2.90	69	102267	16.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.16%
10) 1,1-Dichloroethene-d2	4.01	63	202784	13.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.20%
20) 2-Butanone-d5	7.07	46	103218	45.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.38%
24) Chloroform-d	7.65	84	331618	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.31	65	207489	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.20%
29) Benzene-d6	8.27	84	581827	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	9.27	67	198982	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	10.32	98	494059	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.28%
38) trans-1,3-Dichloropropene-	10.58	79	72750	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.32%
39) 2-Hexanone-d5	10.93	63	62912	39.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	171191	21.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	190067	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

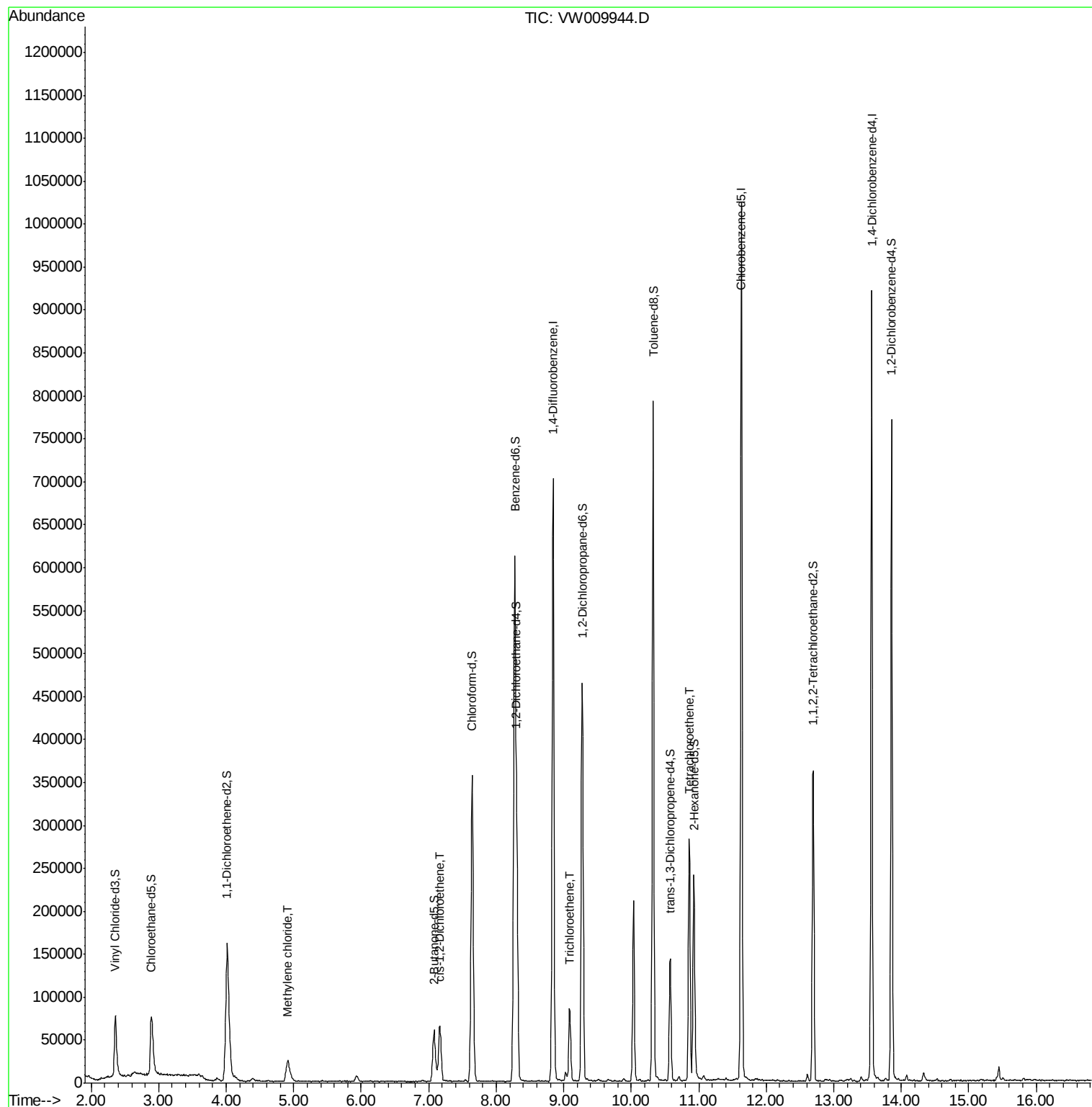
					Ovalue
16) Methylene chloride	4.90	84	20118	2.145 ug/L	87
22) cis-1,2-Dichloroethene	7.16	96	33661	4.285 ug/L	98
35) Trichloroethene	9.09	95	27714	3.383 ug/L	99
47) Tetrachloroethene	10.86	164	56787	8.802 ug/L	97

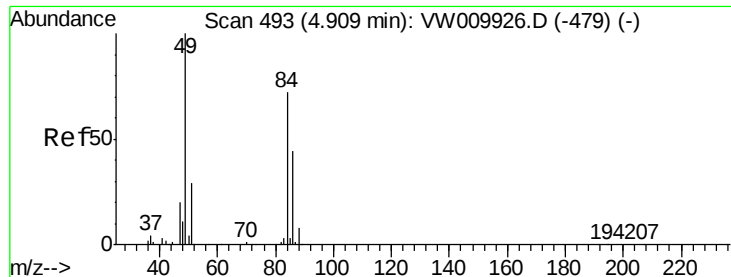
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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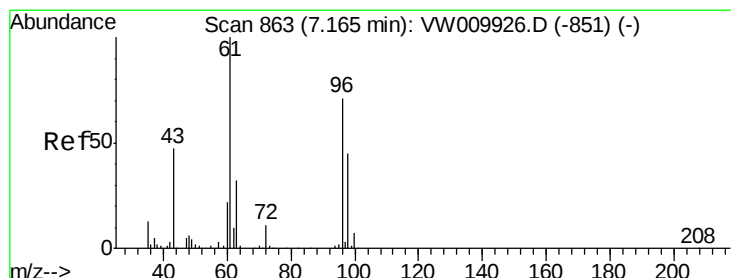
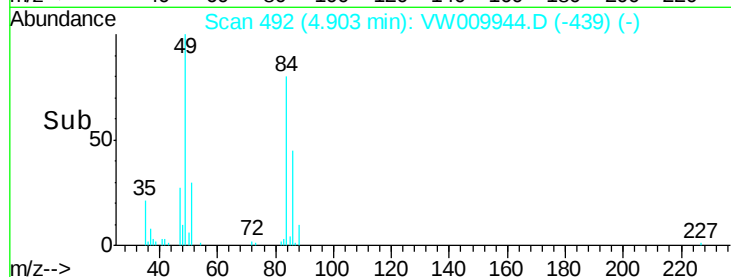
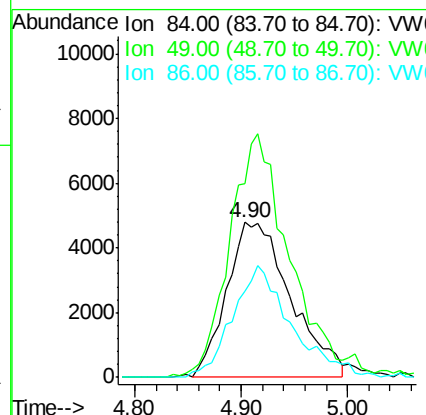
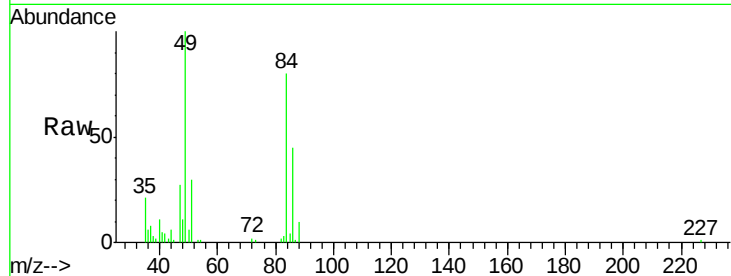




#16
Methylene chloride
Concen: 2.145 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009944.D
Acq: 12 Apr 2019 06:11

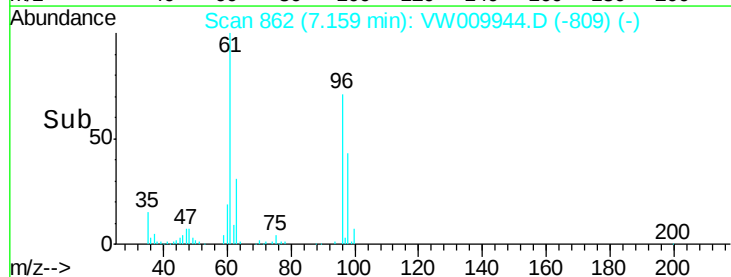
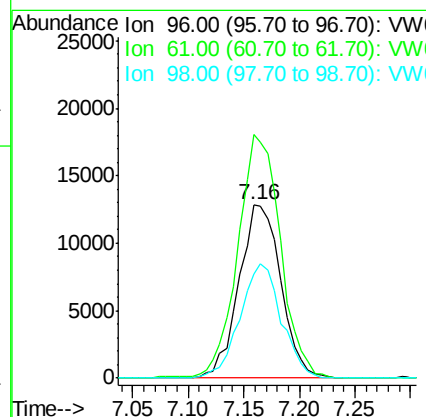
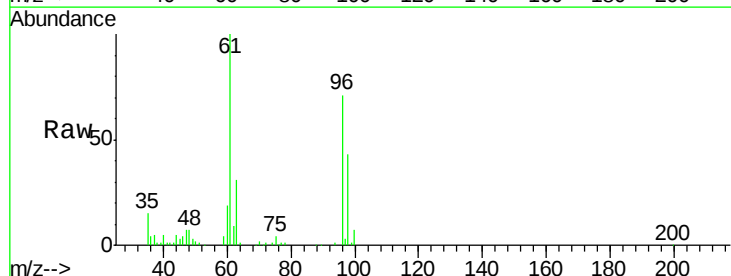
Instrument :
MSVOA_W
ClientSampled :
DB739

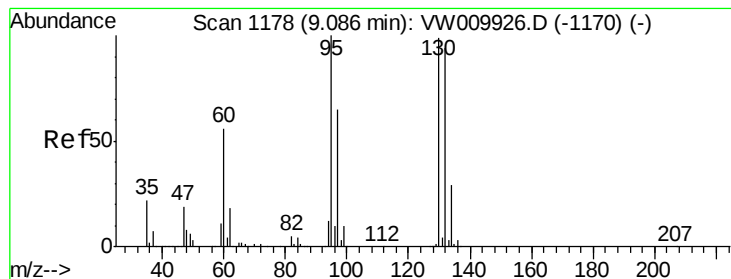
Tot Ion: 84 Resp: 20118
Ion Ratio Lower Upper
84 100
49 124.6 98.3 182.5
86 55.7 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 4.285 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009944.D
Acq: 12 Apr 2019 06:11

Tgt Ion: 96 Resp: 33661
Ion Ratio Lower Upper
96 100
61 140.1 96.8 179.8
98 59.7 43.5 80.9





#35

Trichloroethene

Concen: 3.383 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009944.D

Acq: 12 Apr 2019 06:11

Instrument :

MSVOA_W

ClientSampleId :

DB739

Tot Ion: 95 Resp: 27714

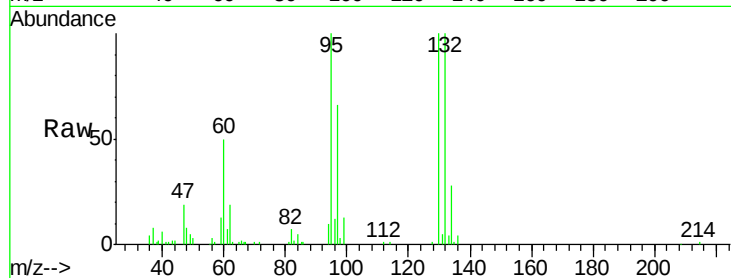
Ion Ratio Lower Upper

95 100

97 64.7 44.9 83.5

132 95.0 67.1 124.7

130 97.4 69.2 128.6



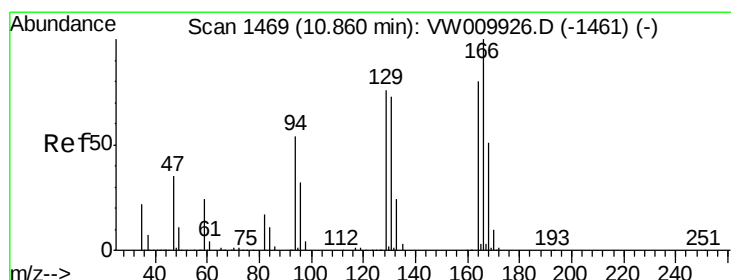
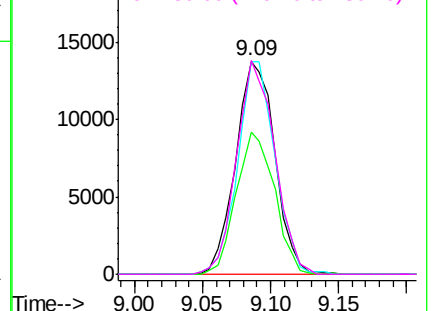
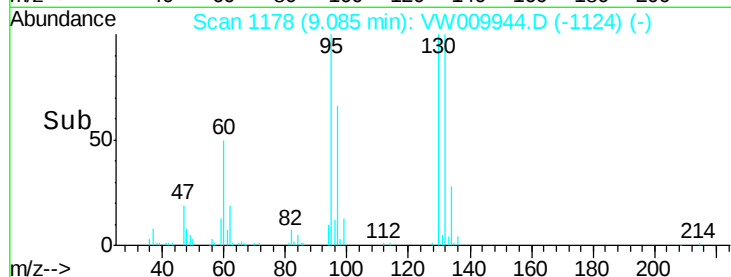
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 8.802 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009944.D

Acq: 12 Apr 2019 06:11

Tgt Ion:164 Resp: 56787

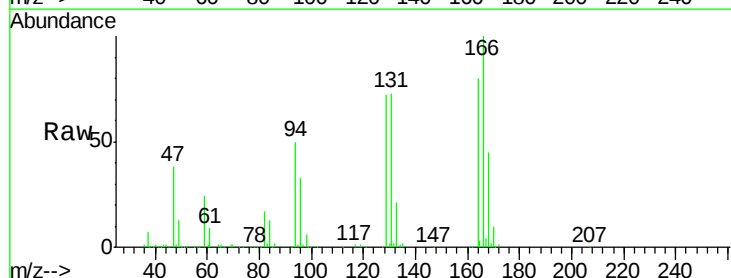
Ion Ratio Lower Upper

164 100

129 90.9 68.9 127.9

131 92.0 63.1 117.1

166 125.4 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

