

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009891.D
 Acq On : 10 Apr 2019 20:38
 Operator : SY/VA
 Sample : K2340-14
 Misc : 4.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2N8

Quant Time: Apr 11 03:48:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	511215	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483644	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117788	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.44%
7) Chloroethane-d5	2.89	69	110897	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
10) 1,1-Dichloroethene-d2	4.01	63	222734	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.08	46	101360	46.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.34%
24) Chloroform-d	7.65	84	337408	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.41	65	126	0.01	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	603771	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	199461	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.76%
37) Toluene-d8	10.32	98	519706	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.56%
38) trans-1,3-Dichloropropene-	10.58	79	76208	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.52%
39) 2-Hexanone-d5	10.93	63	63461	42.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	167153	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	183463	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

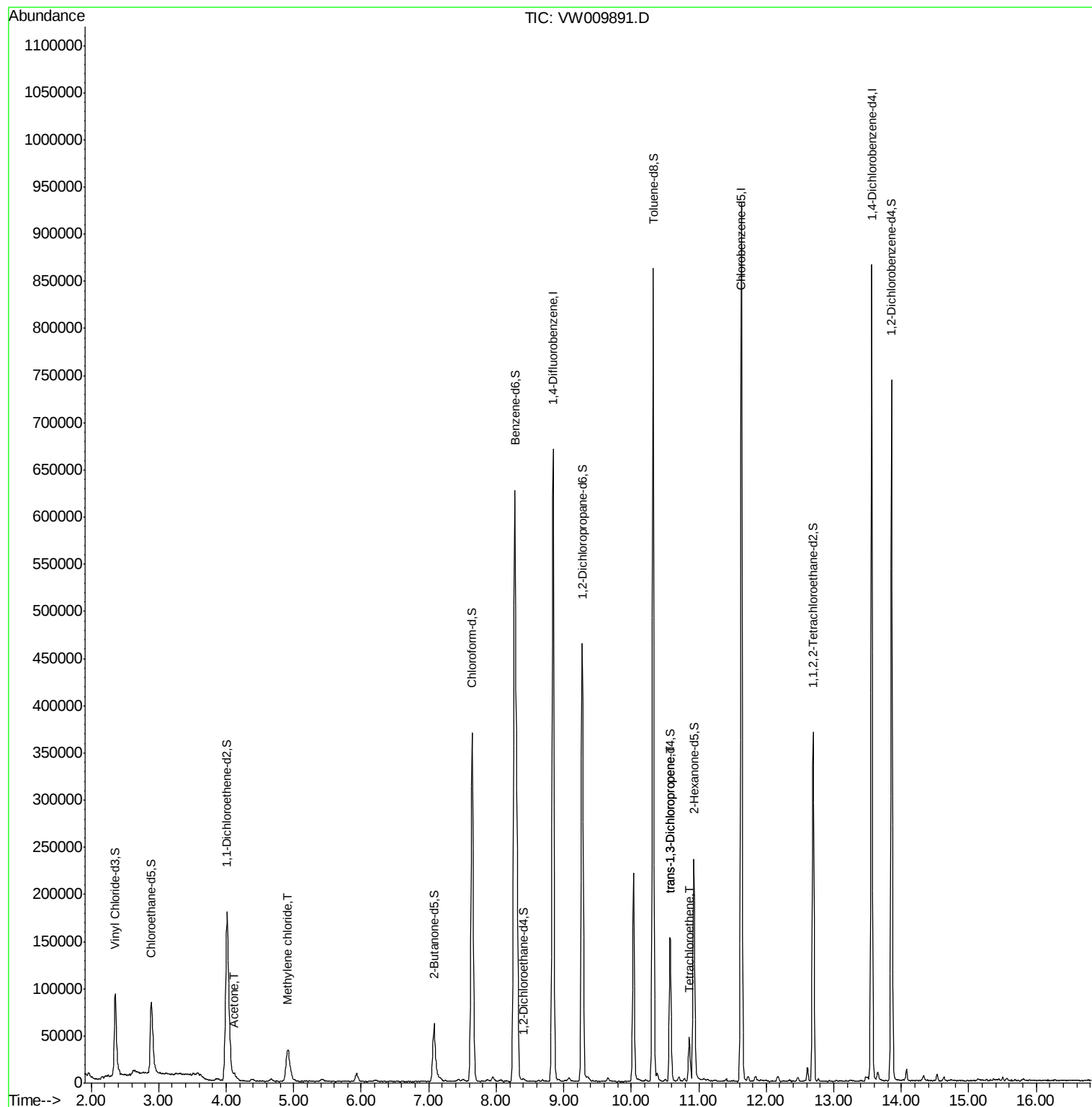
					Qvalue
13) Acetone	4.12	43	8411	3.614 ug/L	90
16) Methylene chloride	4.92	84	28703	3.184 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	5169	0.520 ug/L #	77
47) Tetrachloroethene	10.86	164	9084	1.515 ug/L	91

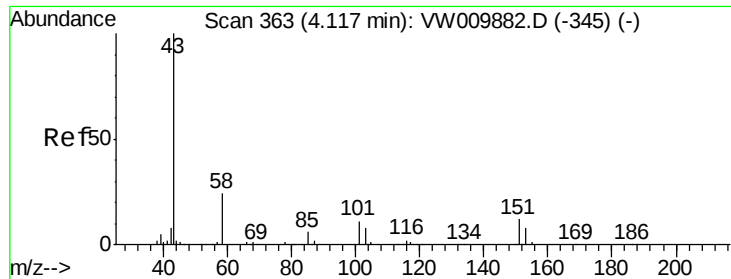
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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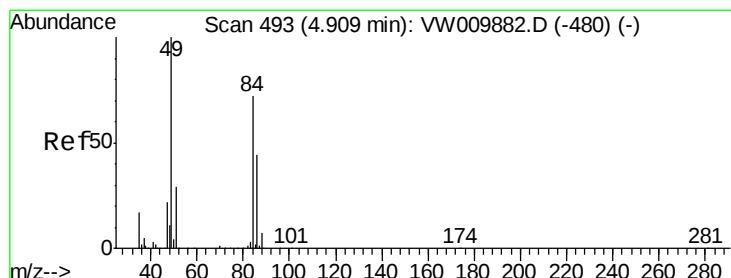
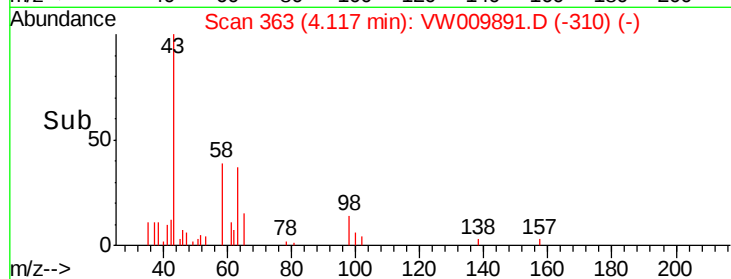
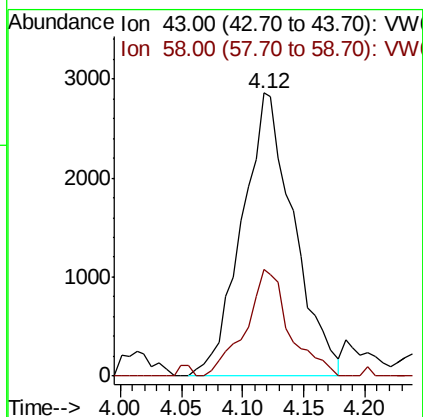
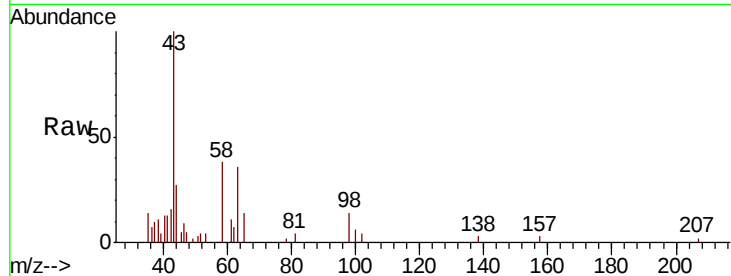




#13
Acetone
Concen: 3.614 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009891.D
Acq: 10 Apr 2019 20:38

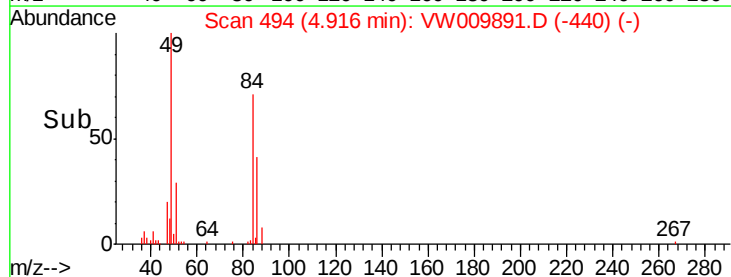
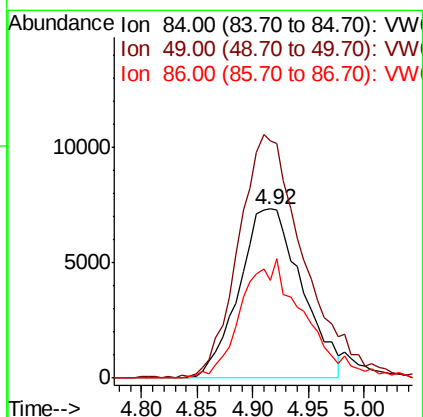
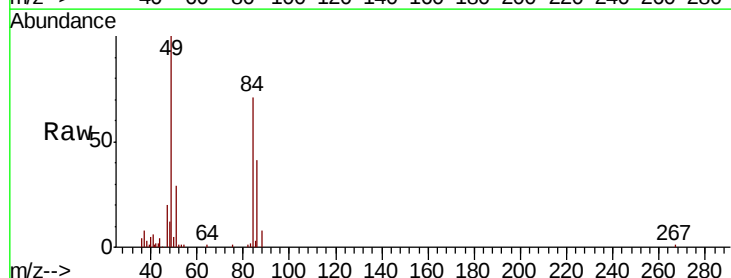
Instrument :
MSVOA_W
ClientSampleId :
BF2N8

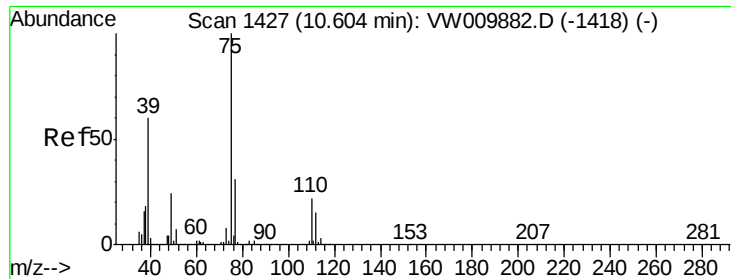
Tgt Ion: 43 Resp: 8411
Ion Ratio Lower Upper
43 100
58 31.8 0.0 53.0



#16
Methylene chloride
Concen: 3.184 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009891.D
Acq: 10 Apr 2019 20:38

Tgt Ion: 84 Resp: 28703
Ion Ratio Lower Upper
84 100
49 140.2 98.3 182.5
86 57.9 46.4 86.2





#45

trans-1,3-Dichloropropene

Concen: 0.520 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009891.D

Acq: 10 Apr 2019 20:38

Instrument :

MSVOA_W

ClientSampled :

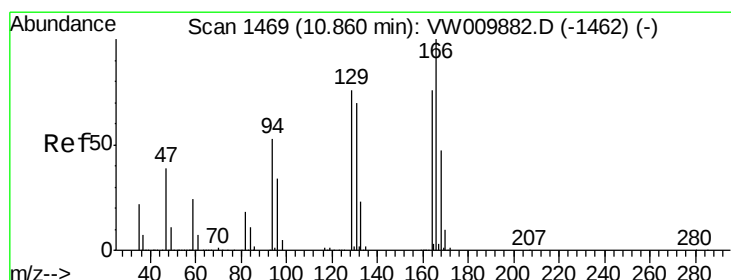
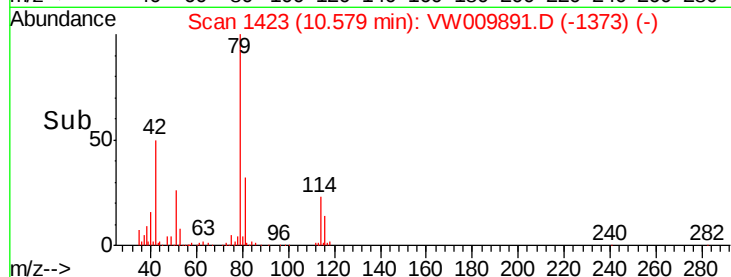
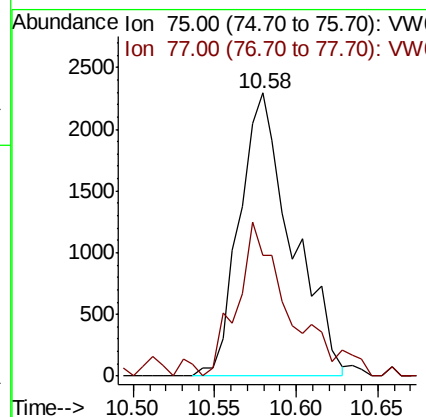
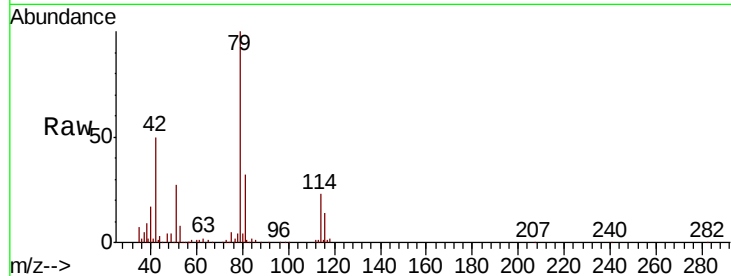
BF2N8

Tgt Ion: 75 Resp: 5169

Ion Ratio Lower Upper

75 100

77 42.8 21.1 39.3#



#47

Tetrachloroethene

Concen: 1.515 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 20:38

Tgt Ion: 164 Resp: 9084

Ion Ratio Lower Upper

164 100

129 96.7 68.9 127.9

131 100.8 63.1 117.1

166 112.8 88.5 164.4

