

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010083.D
 Acq On : 22 Apr 2019 15:09
 Operator : SY/VA
 Sample : K2455-10
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR0

Quant Time: Apr 23 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	869920	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	790193	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	354878	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	170474	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	2.89	69	142930	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
10) 1,1-Dichloroethene-d2	4.01	63	358473	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	7.08	46	148644	33.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.86%
24) Chloroform-d	7.64	84	506877	20.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	8.30	65	285981	18.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.32%
29) Benzene-d6	8.27	84	992410	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.27	67	310089	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.68%
37) Toluene-d8	10.32	98	890585	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	10.58	79	127529	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.80%
39) 2-Hexanone-d5	10.93	63	112850	36.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225458	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	293679	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

Target Compounds

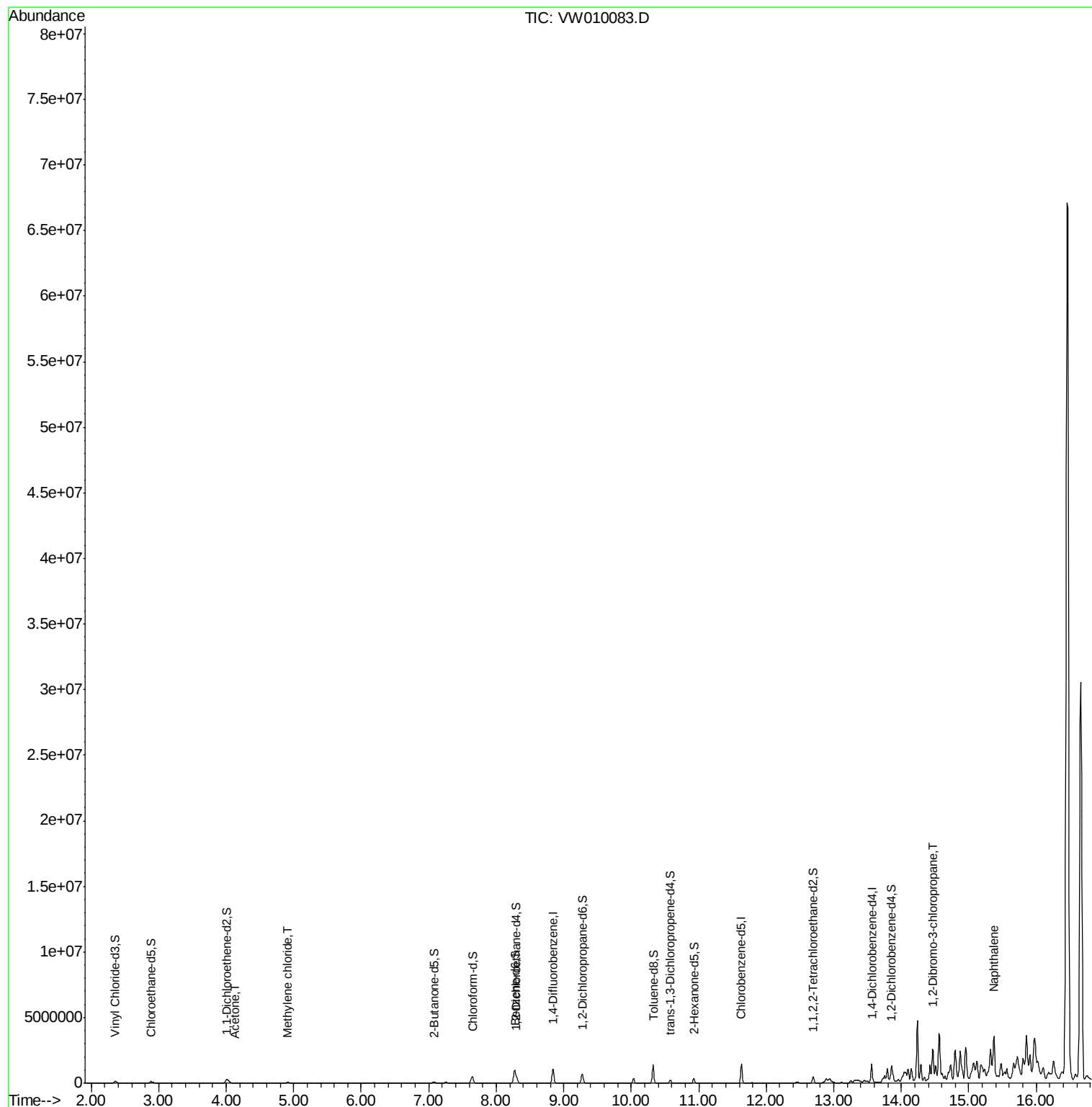
					Qvalue
13) Acetone	4.12	43	11323	2.863 ug/L	96
16) Methylene chloride	4.91	84	35565	2.258 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.47	75	29329	13.776 ug/L #	9
69) Naphthalene	15.37	128	2007158	72.689 ug/L #	92

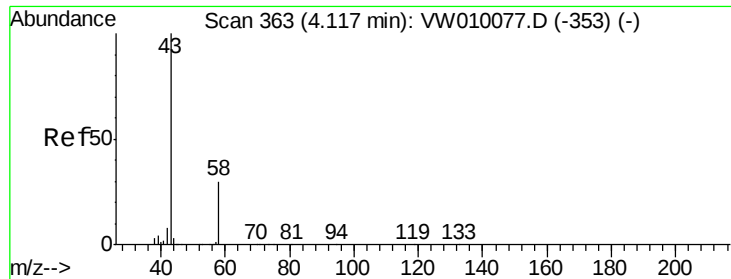
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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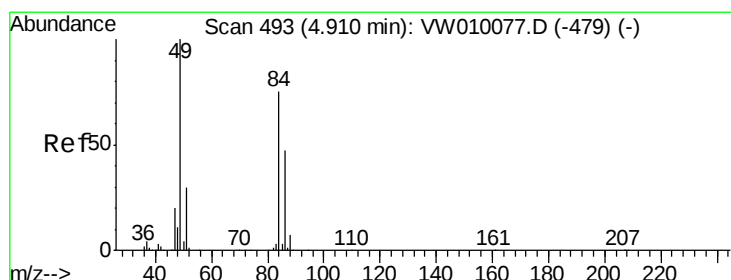
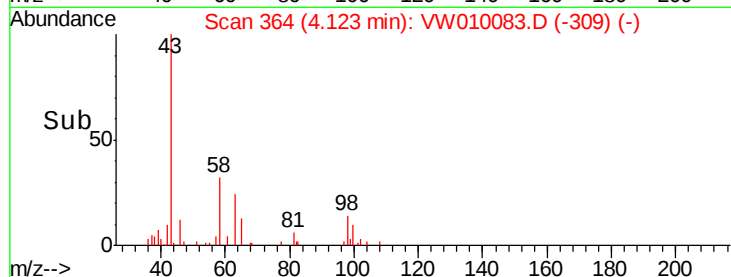
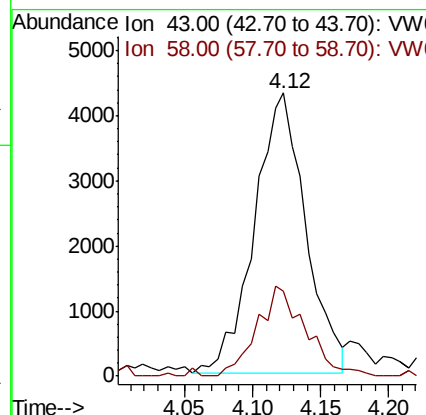
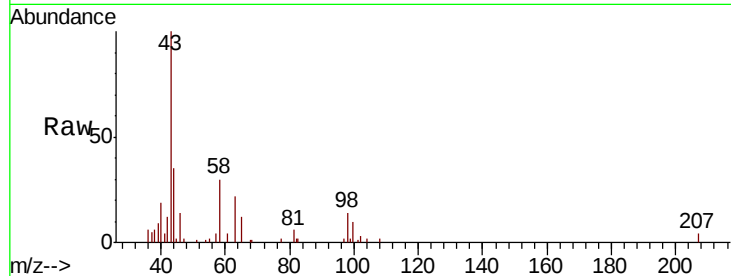




#13
Acetone
Concen: 2.863 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010083.D
Acq: 22 Apr 2019 15:09

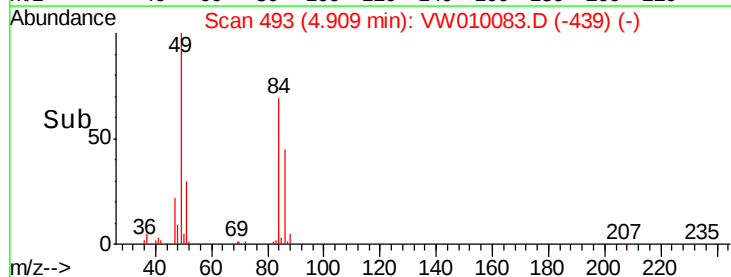
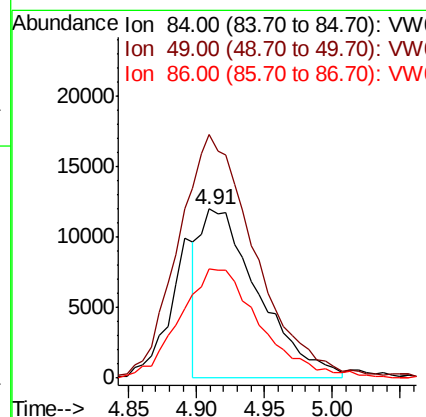
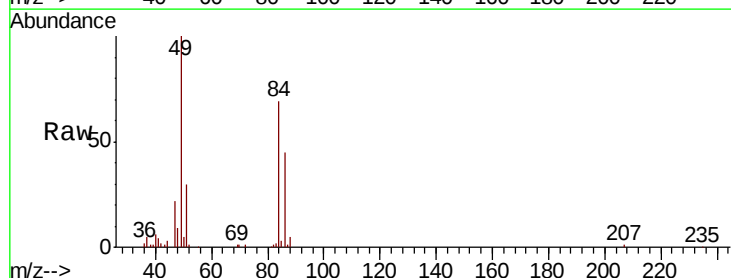
Instrument :
MSVOA_W
ClientSampleId :
GAHR0

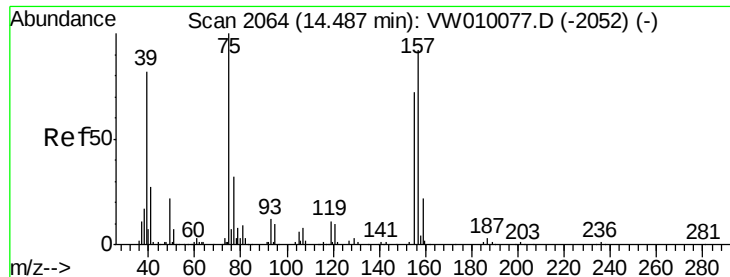
Tgt Ion: 43 Resp: 11323
Ion Ratio Lower Upper
43 100
58 30.4 0.0 56.2



#16
Methylene chloride
Concen: 2.258 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010083.D
Acq: 22 Apr 2019 15:09

Tgt Ion: 84 Resp: 35565
Ion Ratio Lower Upper
84 100
49 143.9 100.7 187.1
86 64.4 43.8 81.3

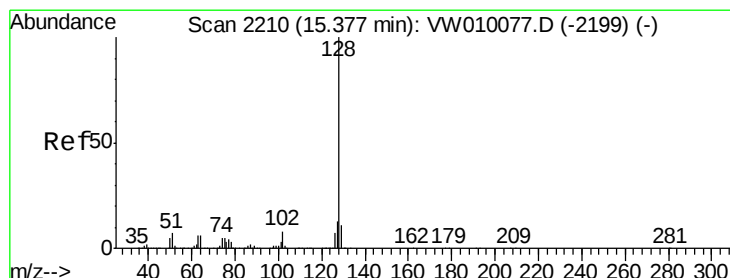
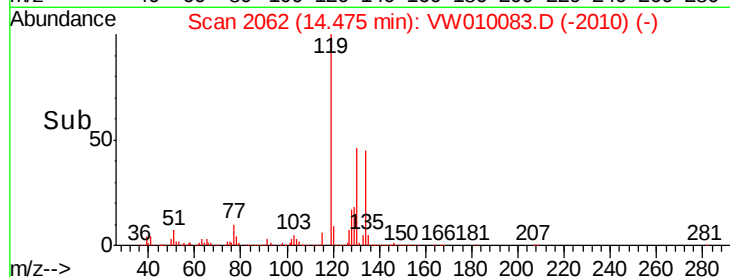
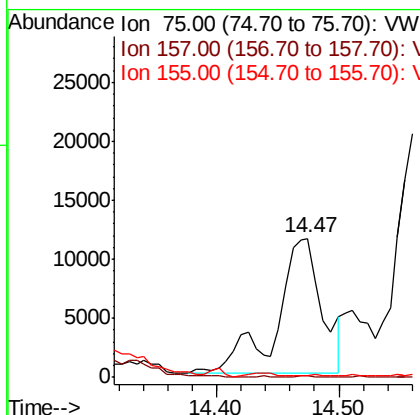
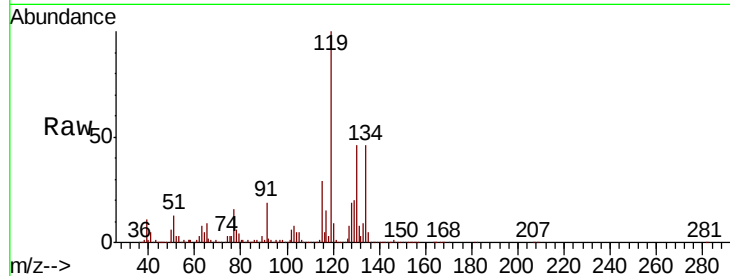




#66
 1,2-Dibromo-3-chloropropane
 Concen: 13.776 ug/L
 RT: 14.47 min Scan# 2062
 Delta R.T. -0.01 min
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Instrument :
 MSVOA_W
 ClientSampled :
 GAHR0

Tgt Ion: 75 Resp: 29329
 Ion Ratio Lower Upper
 75 100
 157 0.9 73.3 109.9#
 155 1.3 58.6 88.0#



#69
 Naphthalene
 Concen: 72.689 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW010083.D
 Acq: 22 Apr 2019 15:09

Tgt Ion: 128 Resp: 2007158
 Ion Ratio Lower Upper
 128 100
 129 15.9 8.6 12.8#
 127 14.4 10.6 16.0

