

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010144.D
 Acq On : 25 Apr 2019 15:43
 Operator : SY/VA
 Sample : K2497-03
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX9

Quant Time: Apr 26 01:08:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	663075	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	640489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	292680	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132485	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
7) Chloroethane-d5	2.89	69	117833	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
10) 1,1-Dichloroethene-d2	4.01	63	284404	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	7.08	46	132540	44.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.56%
24) Chloroform-d	7.64	84	411900	23.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	8.31	65	235955	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.27	84	823933	22.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.84%
33) 1,2-Dichloropropane-d6	9.27	67	265129	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.32	98	747987	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.58	79	108660	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	10.93	63	105757	44.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	209897	22.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	270816	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

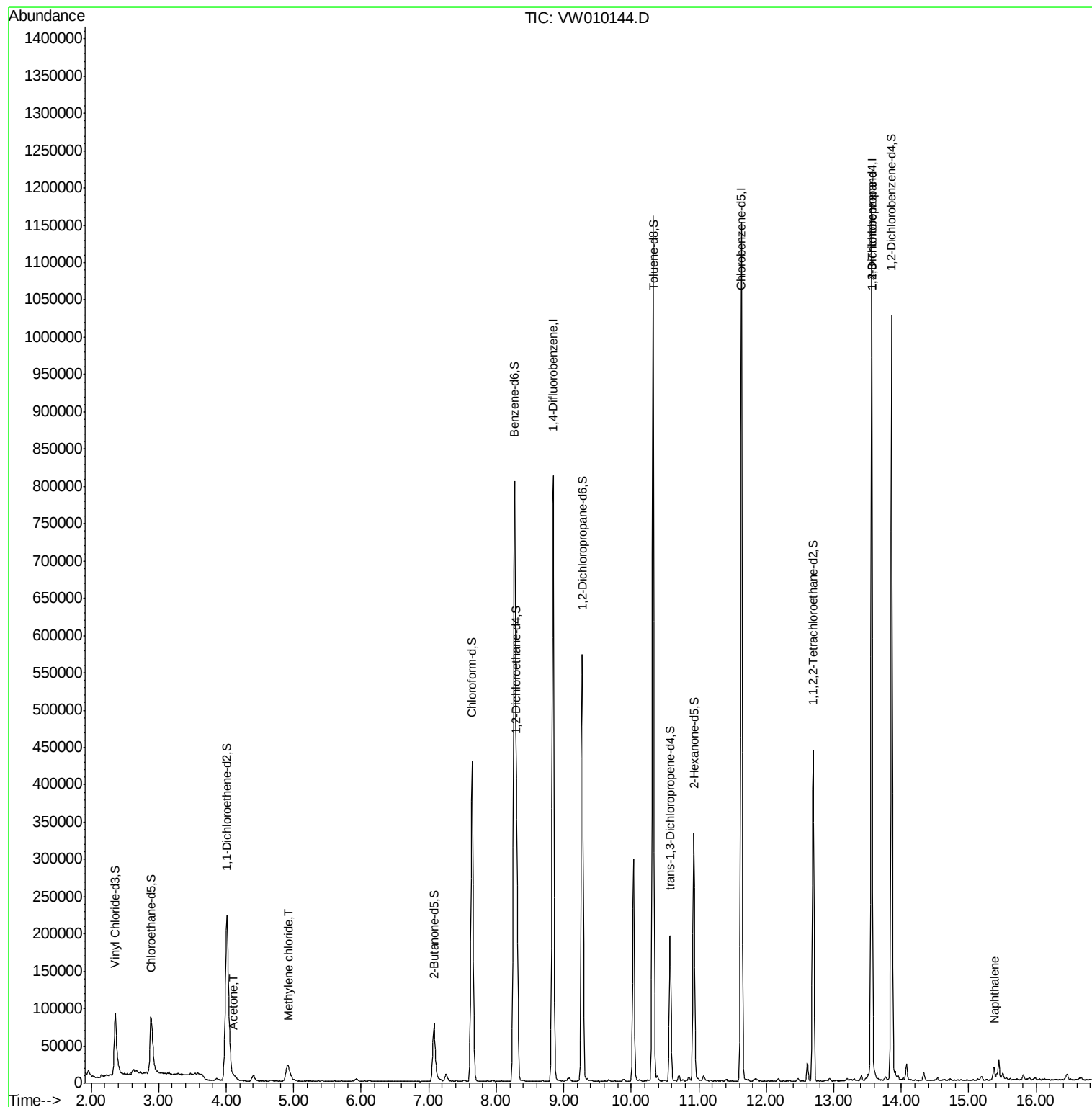
					Qvalue
13) Acetone	4.11	43	6037	2.673 ug/L	93
16) Methylene chloride	4.92	84	20840	2.242 ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	35101	5.021 ug/L	90
69) Naphthalene	15.37	128	15693	0.572 ug/L	97

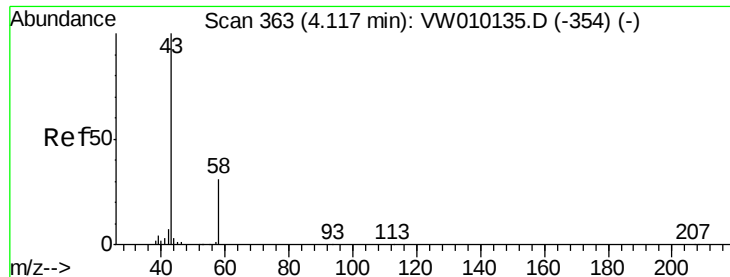
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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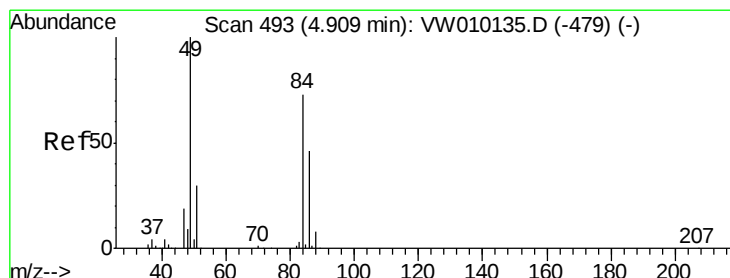
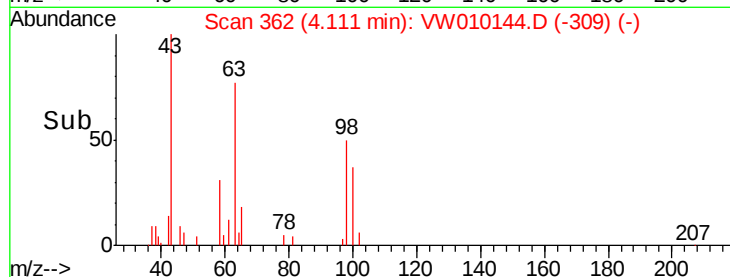
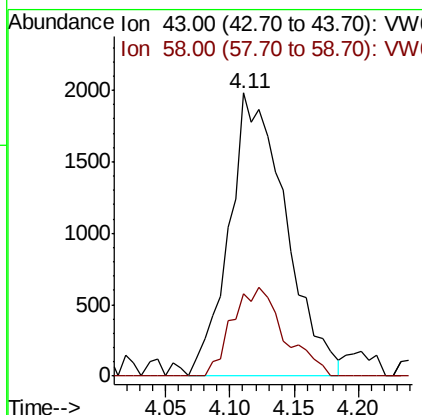
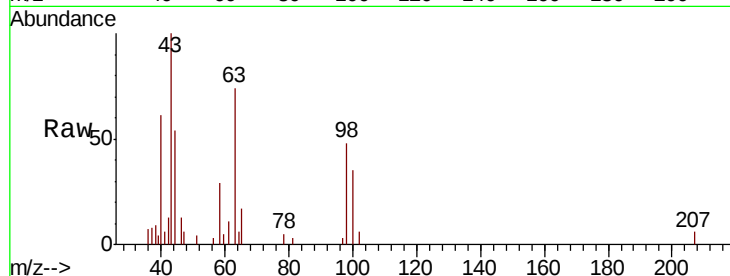




#13
Acetone
Concen: 2.673 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW010144.D
Acq: 25 Apr 2019 15:43

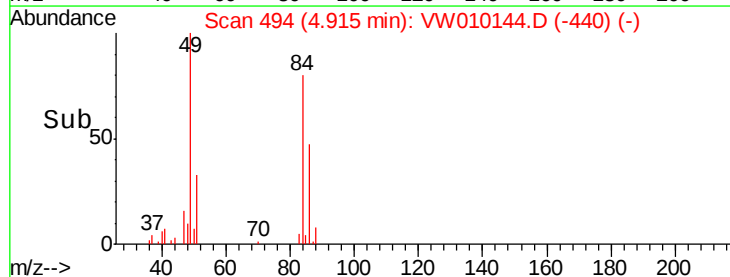
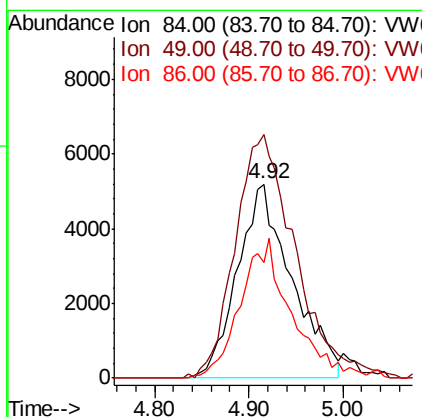
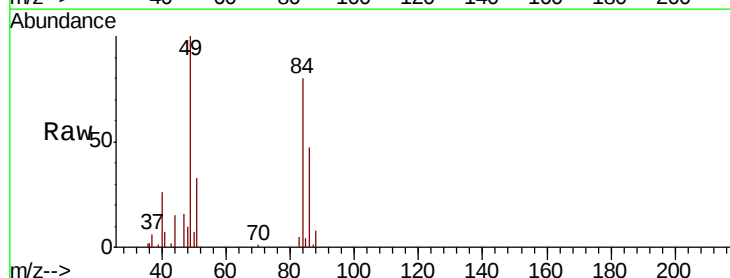
Instrument :
MSVOA_W
ClientSampled :
GAHX9

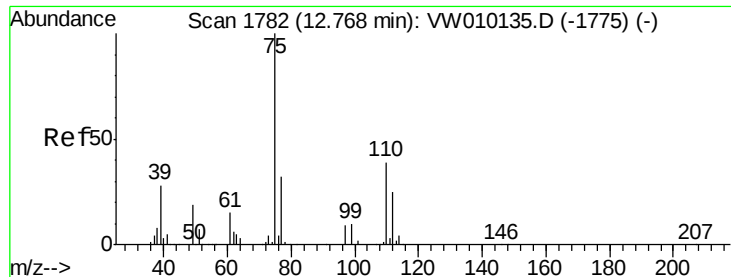
Tgt Ion: 43 Resp: 6037
Ion Ratio Lower Upper
43 100
58 25.2 0.0 58.2



#16
Methylene chloride
Concen: 2.242 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010144.D
Acq: 25 Apr 2019 15:43

Tgt Ion: 84 Resp: 20840
Ion Ratio Lower Upper
84 100
49 125.6 93.5 173.7
86 59.4 44.9 83.5

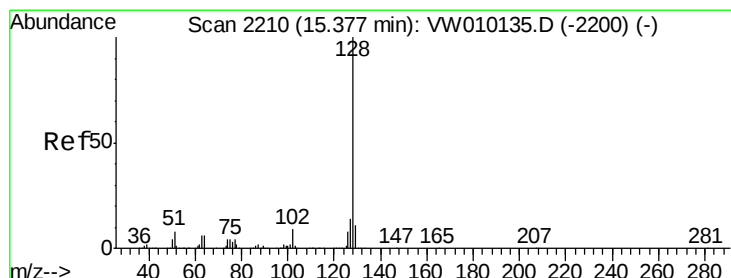
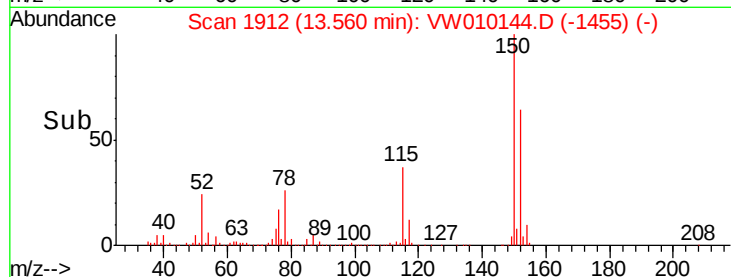
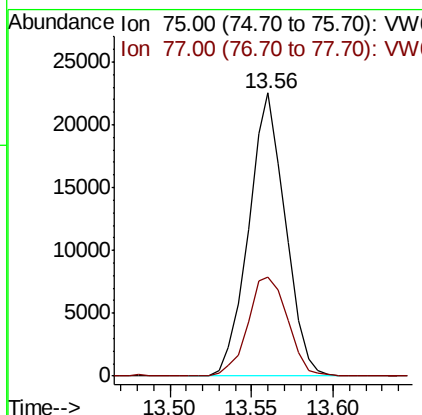
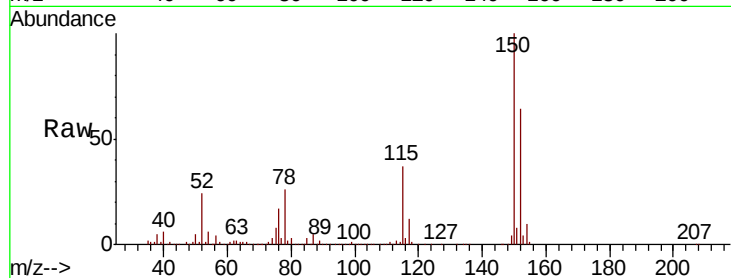




#59
 1,2,3-Trichloropropane
 Concen: 5.021 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
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Tgt Ion: 75 Resp: 35101
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.1 39.1



#69
 Naphthalene
 Concen: 0.572 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010144.D
 Acq: 25 Apr 2019 15:43

Tgt Ion: 128 Resp: 15693
 Ion Ratio Lower Upper
 128 100
 129 12.6 8.6 13.0
 127 13.9 10.8 16.2

