

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014948.D
 Acq On : 10 Feb 2020 17:37
 Operator : SY/VA
 Sample : L1416-05
 Misc : 4.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	748399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	711032	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	255816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235120	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
7) Chloroethane-d5	2.89	69	236575	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
10) 1,1-Dichloroethene-d2	4.01	63	380213	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.07	46	162668	46.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.56%
24) Chloroform-d	7.65	84	573292	26.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.92%
26) 1,2-Dichloroethane-d4	8.49	65	168	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1104257	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	394795	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	919814	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.44%
38) trans-1,3-Dichloropropene-	10.58	79	121581	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.92	63	109604	40.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	252203	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	257245	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

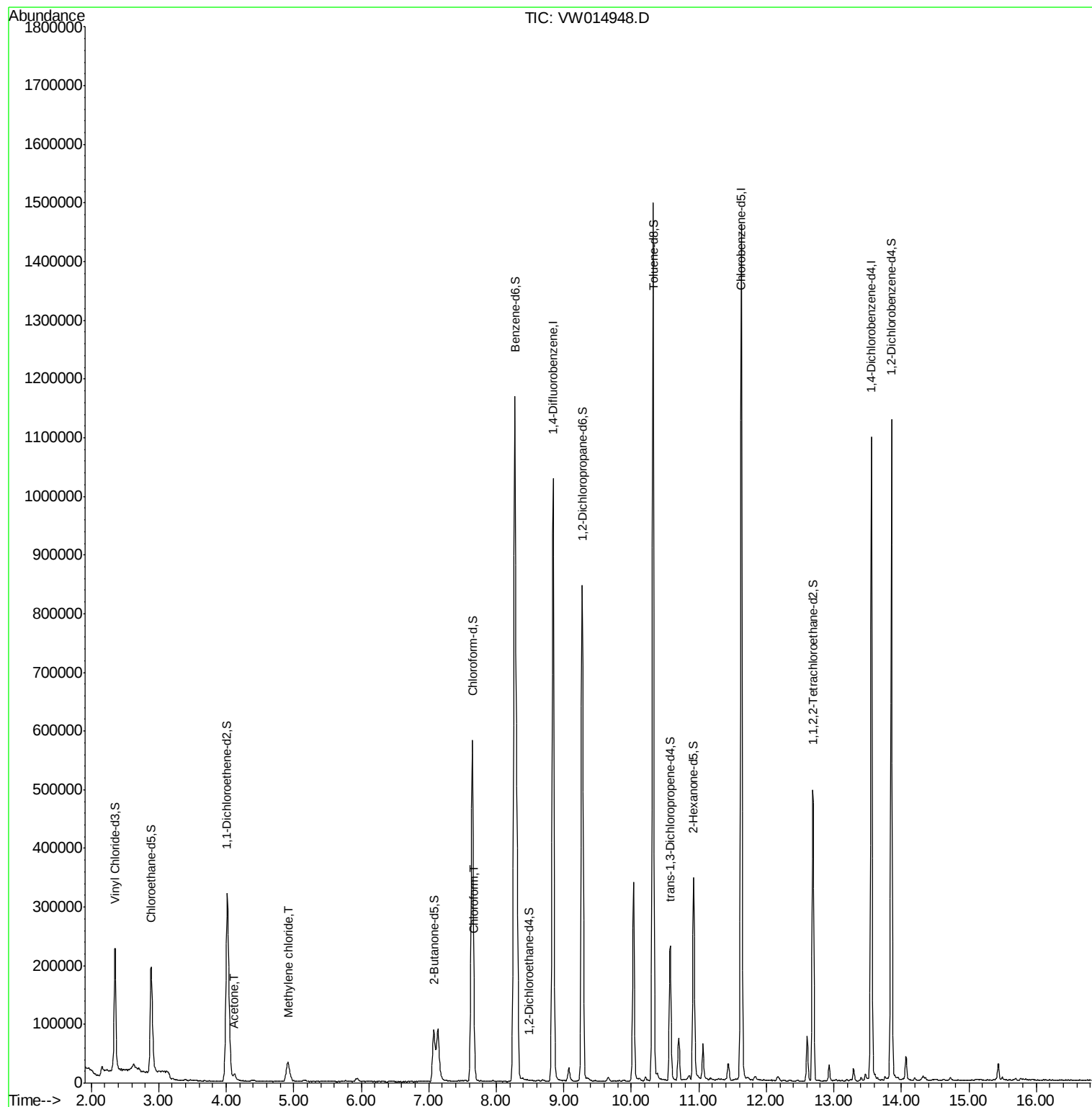
Target Compounds					Ovalue
13) Acetone	4.12	43	20139	5.611 ug/L	94
16) Methylene chloride	4.92	84	24213	1.776 ug/L	82
25) Chloroform	7.68	83	8248	0.412 ug/L	89

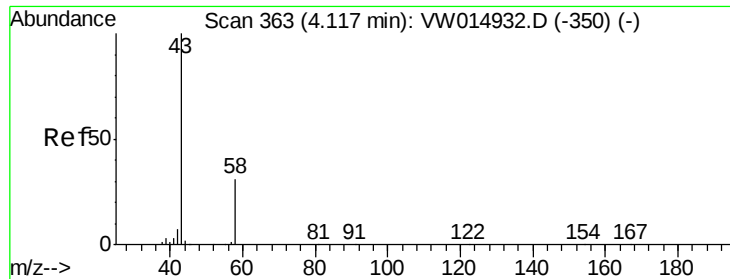
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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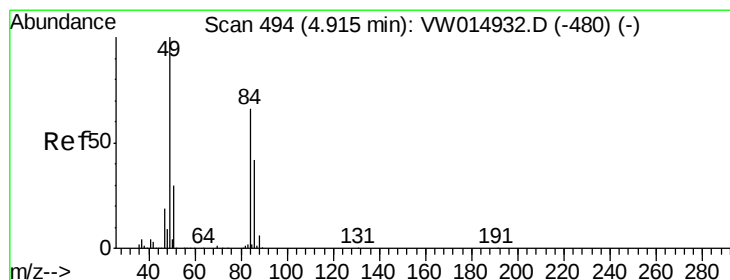
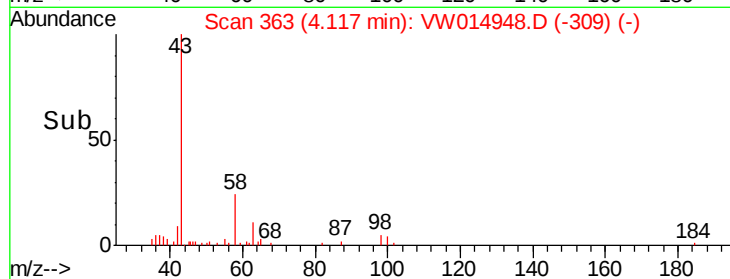
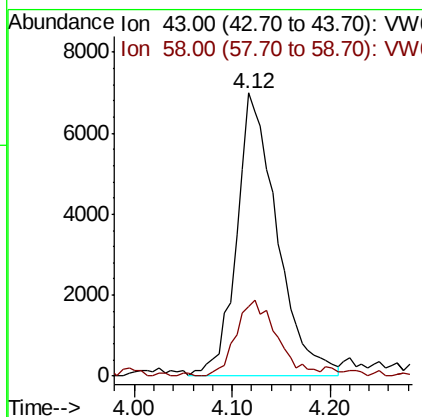
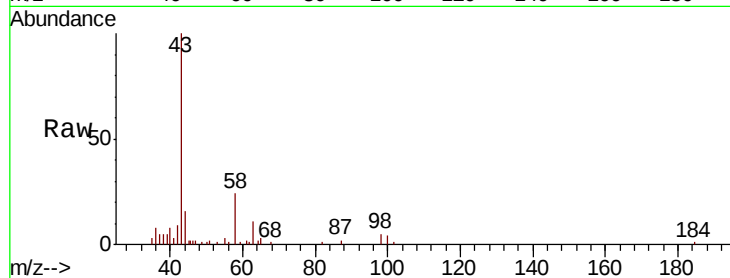




#13
Acetone
Concen: 5.611 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014948.D
Acq: 10 Feb 2020 17:37

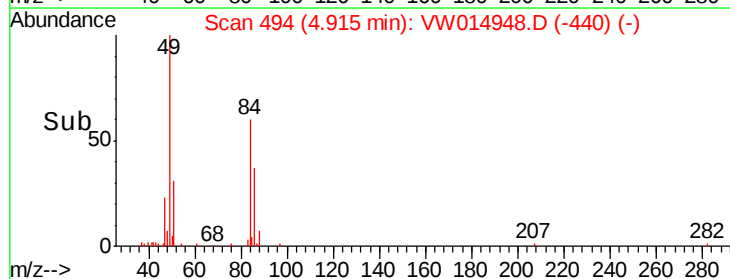
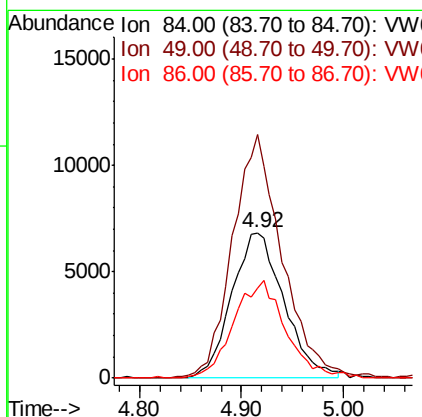
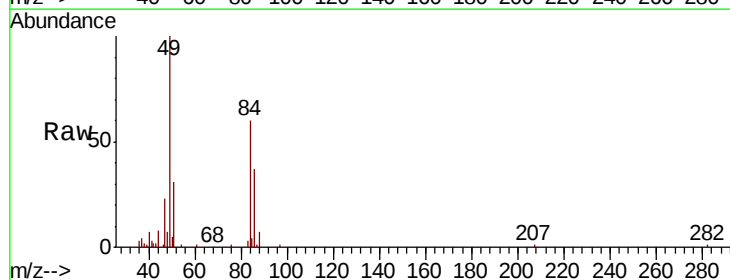
Instrument :
MSVOA_W
ClientSampleId :

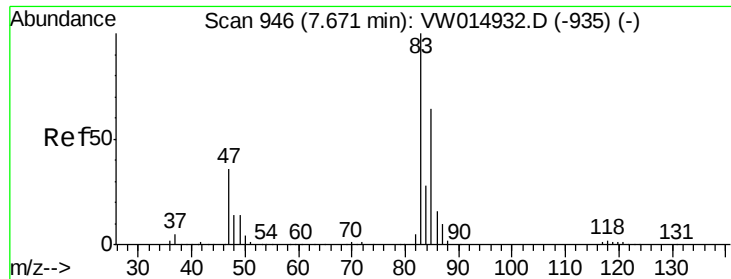
Tot Ion: 43 Resp: 20139
Ion Ratio Lower Upper
43 100
58 27.1 0.0 60.4



#16
Methylene chloride
Concen: 1.776 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014948.D
Acq: 10 Feb 2020 17:37

Tgt Ion: 84 Resp: 24213
Ion Ratio Lower Upper
84 100
49 167.8 95.8 177.8
86 61.9 44.2 82.2





#25
 Chloroform
 Concen: 0.412 ug/L
 RT: 7.68 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VW014948.D
 Acq: 10 Feb 2020 17:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 83 Resp: 8248
 Ion Ratio Lower Upper
 83 100
 85 73.2 45.4 84.4

