

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014281.D
 Acq On : 10 Dec 2019 14:57
 Operator : SY/VA
 Sample : K6171-16
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 04:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 11 04:05:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1168454	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	959706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	313992	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	399451	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
7) Chloroethane-d5	2.89	69	312698	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
10) 1,1-Dichloroethene-d2	4.01	63	538169	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	7.07	46	187783	40.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.46%
24) Chloroform-d	7.65	84	731062	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.31	65	395849	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.52%
29) Benzene-d6	8.27	84	1518667	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
33) 1,2-Dichloropropane-d6	9.27	67	481913	27.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.40%
37) Toluene-d8	10.32	98	1279086	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.57	79	162867	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.72%
39) 2-Hexanone-d5	10.92	63	149177	43.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	340265	24.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	309608	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

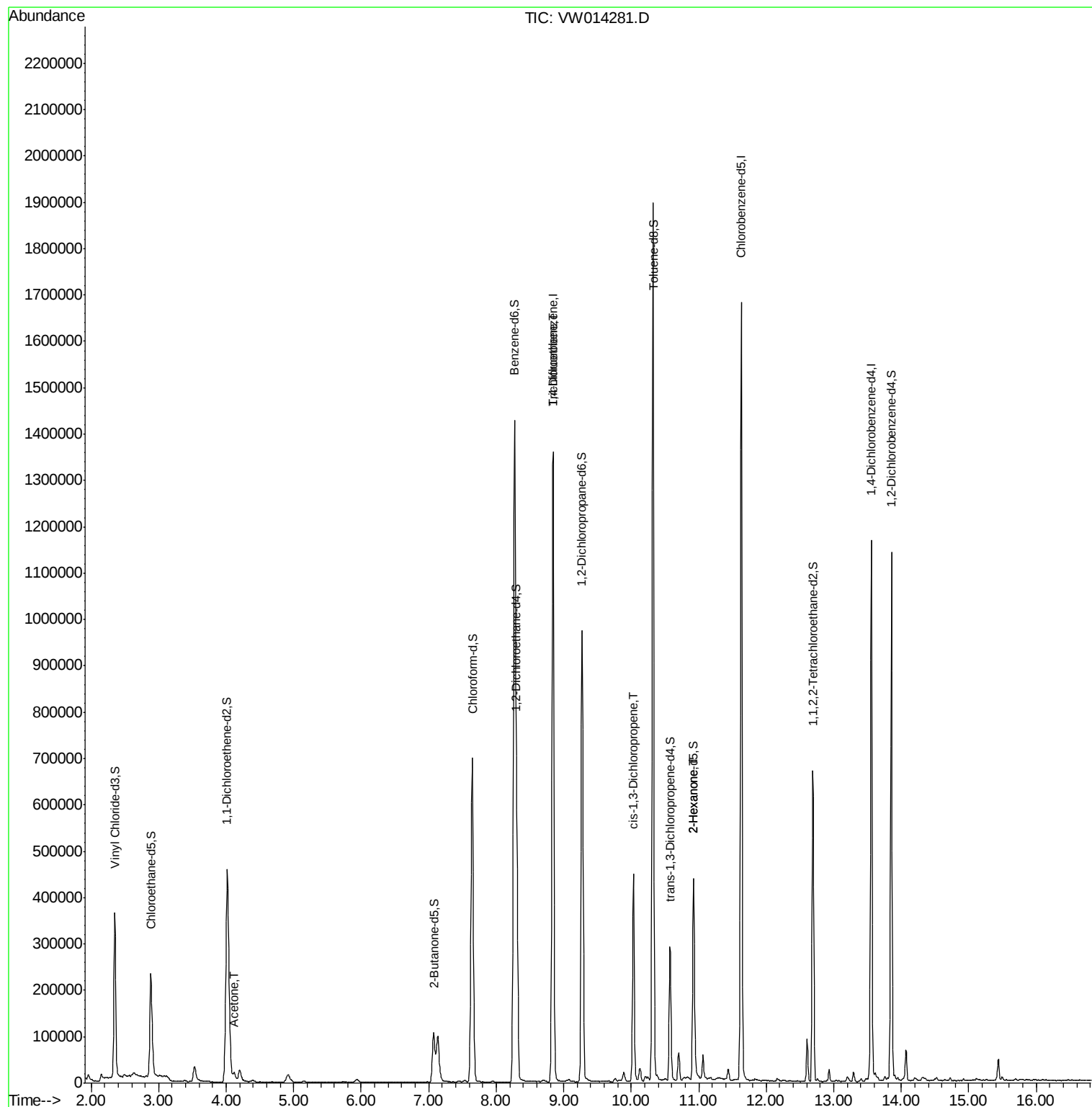
					Ovalue
13) Acetone	4.12	43	30150	6.782 ug/L	98
35) Trichloroethene	8.84	95	33713	2.168 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	9667	0.413 ug/L #	70
49) 2-Hexanone	10.92	43	26363	3.597 ug/L #	63

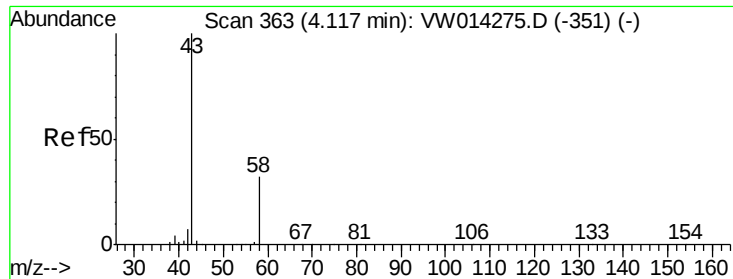
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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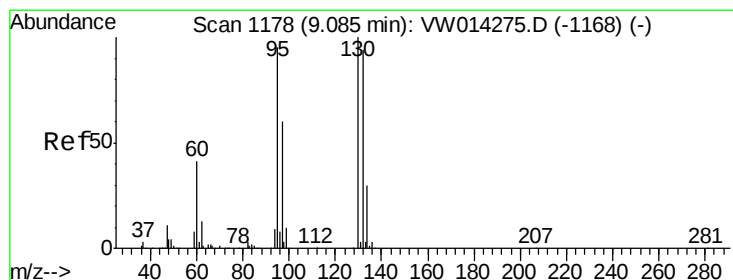
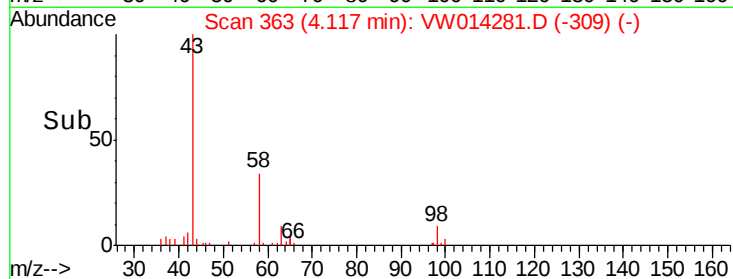
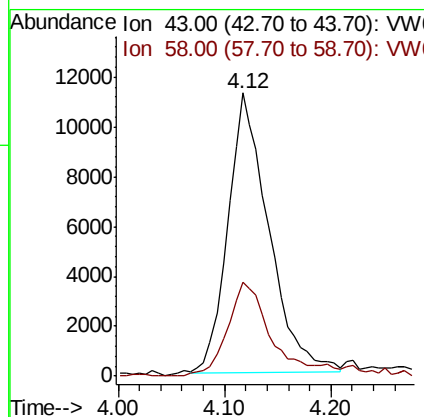
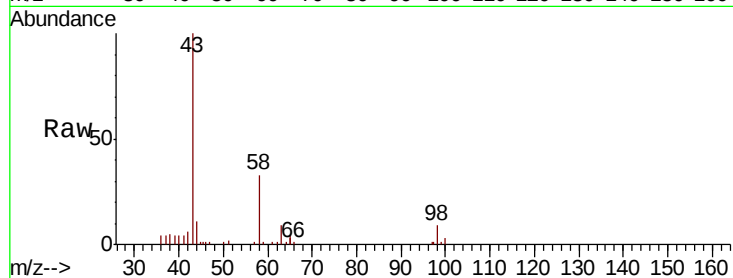




#13
Acetone
Concen: 6.782 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014281.D
Acq: 10 Dec 2019 14:57

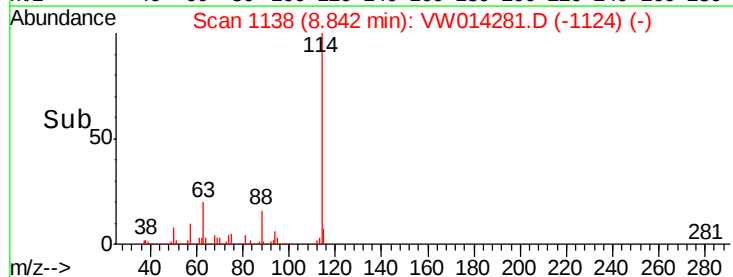
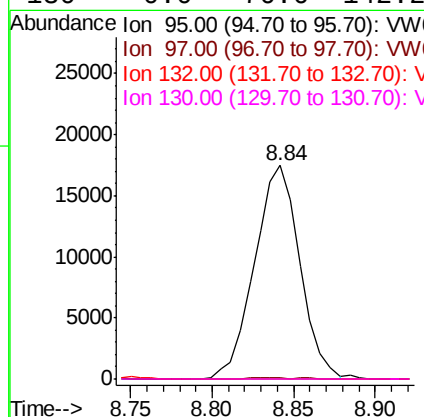
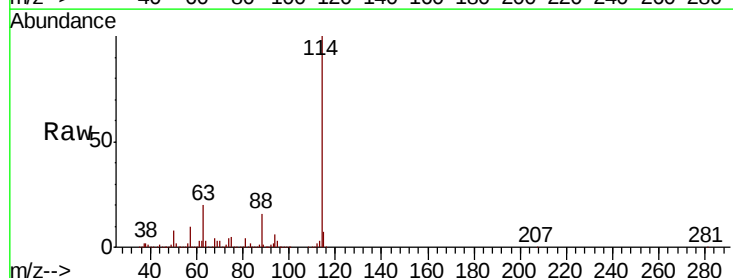
Instrument :
MSVOA_W
ClientSampleId :

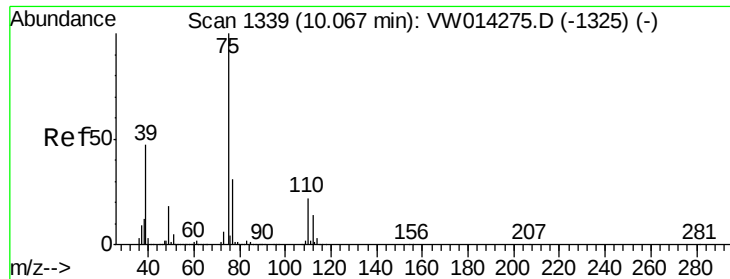
Tot Ion: 43 Resp: 30150
Ion Ratio Lower Upper
43 100
58 33.7 0.0 65.4



#35
Trichloroethene
Concen: 2.168 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014281.D
Acq: 10 Dec 2019 14:57

Tgt Ion: 95 Resp: 33713
Ion Ratio Lower Upper
95 100
97 0.3 45.1 83.9#
132 0.0 73.7 136.9#
130 0.0 76.6 142.2#





#42

cis-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014281.D

Acq: 10 Dec 2019 14:57

Instrument :

MSVOA_W

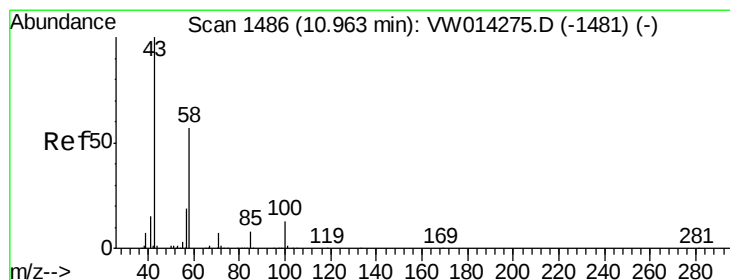
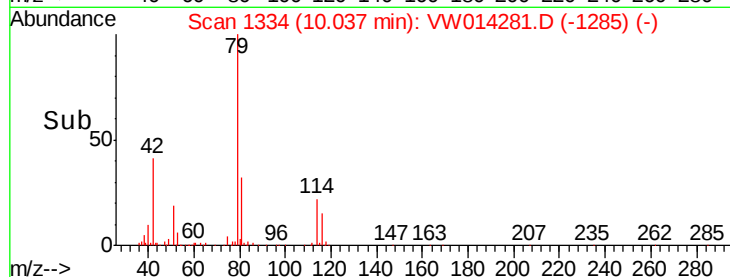
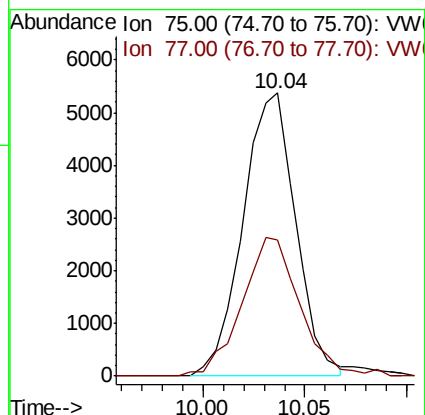
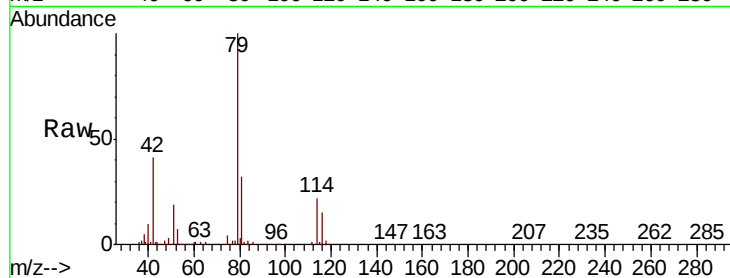
ClientSampleId :

Tot Ion: 75 Resp: 9667

Ion Ratio Lower Upper

75 100

77 48.2 22.1 41.1#



#49

2-Hexanone

Concen: 3.597 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014281.D

Acq: 10 Dec 2019 14:57

Tgt Ion: 43 Resp: 26363

Ion Ratio Lower Upper

43 100

58 19.3 44.4 66.6#

57 23.8 16.5 24.7

100 1.7 11.1 16.7#

