

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014175.D
 Acq On : 29 Nov 2019 12:29
 Operator : SY/VA
 Sample : K6088-20
 Misc : 6.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 04:13:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	191879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73853	12.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.24%
7) Chloroethane-d5	2.89	69	72046	15.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.48%
10) 1,1-Dichloroethene-d2	4.01	63	129978	10.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.08%#
20) 2-Butanone-d5	7.07	46	61803	36.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.38%
24) Chloroform-d	7.65	84	222152	19.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.44%
26) 1,2-Dichloroethane-d4	8.30	65	111910	19.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.60%
29) Benzene-d6	8.27	84	440620	17.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.64%
33) 1,2-Dichloropropane-d6	9.27	67	139723	19.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.44%
37) Toluene-d8	10.32	98	400665	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.72%
38) trans-1,3-Dichloropropene-	10.57	79	50884	16.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.00%
39) 2-Hexanone-d5	10.92	63	46015	33.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103191	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	146378	18.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.96%

Target Compounds

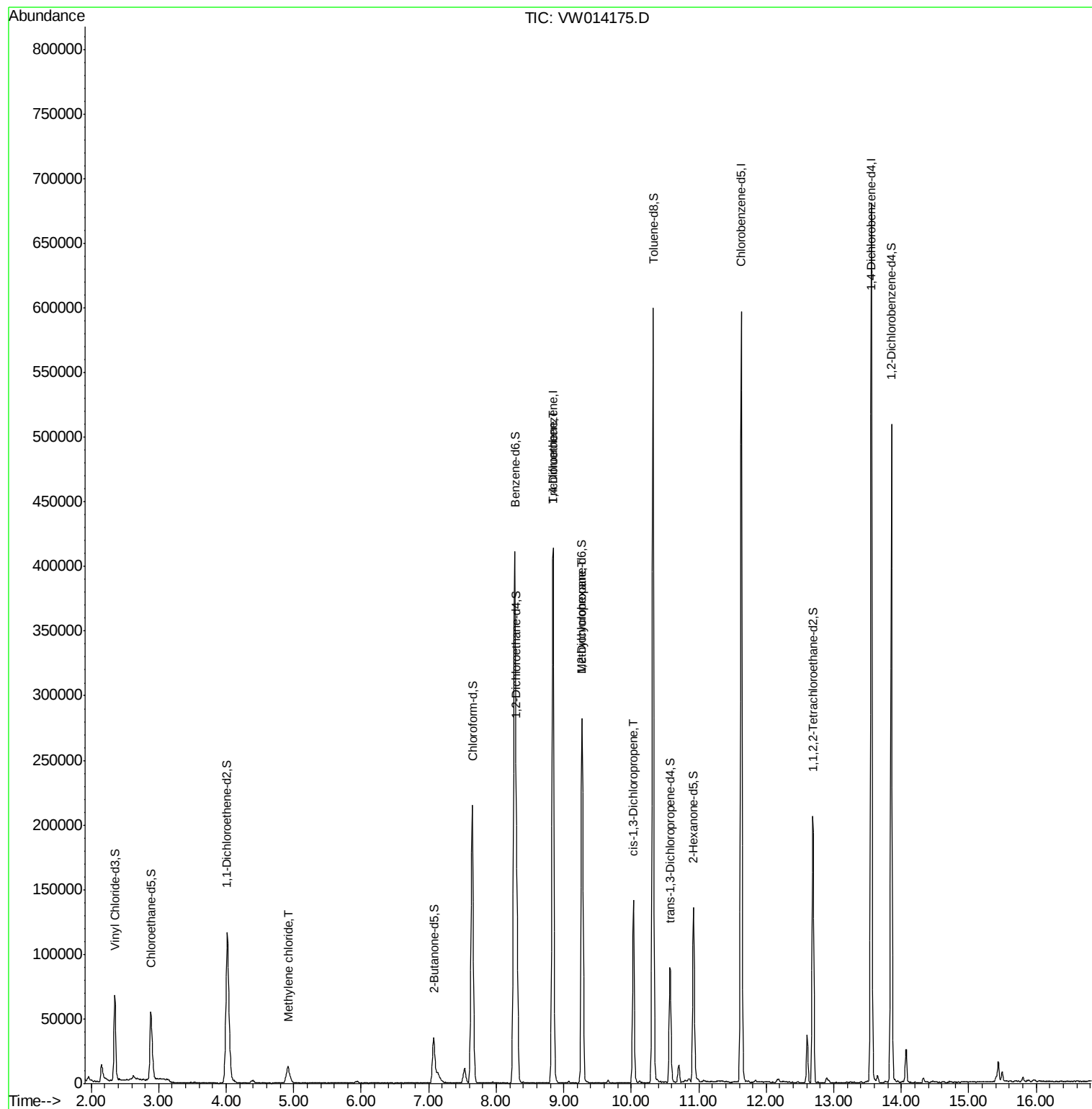
					Ovalue
16) Methylene chloride	4.92	84	11510	1.623 ug/L	95
35) Trichloroethene	8.84	95	10351	1.504 ug/L #	2
36) Methylcyclohexane	9.27	83	34288	2.779 ug/L #	19
42) cis-1,3-Dichloropropene	10.03	75	3132	0.320 ug/L #	70

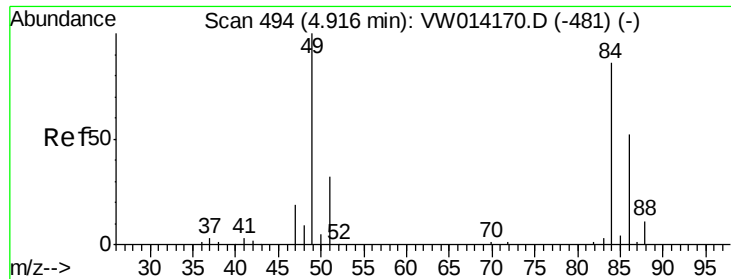
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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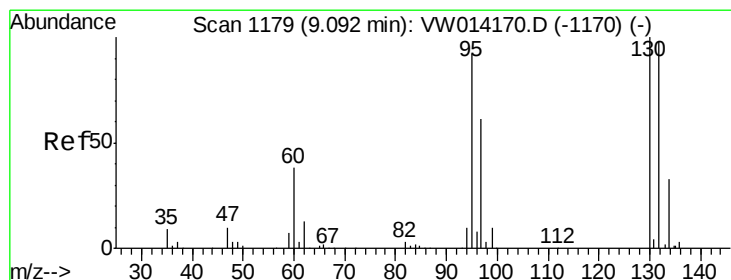
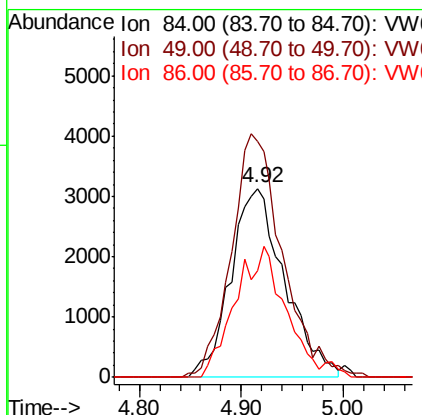
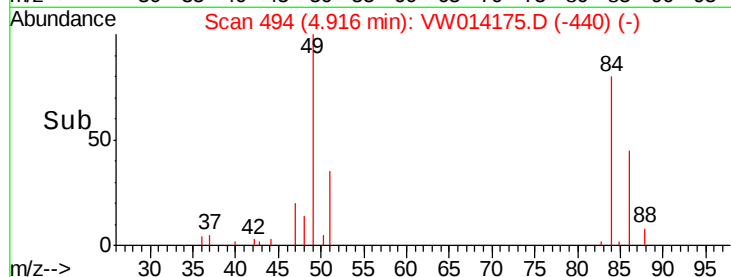
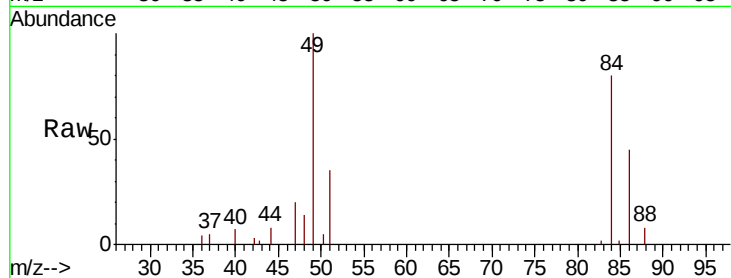




#16
Methvlene chloride
Concen: 1.623 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014175.D
Acq: 29 Nov 2019 12:29

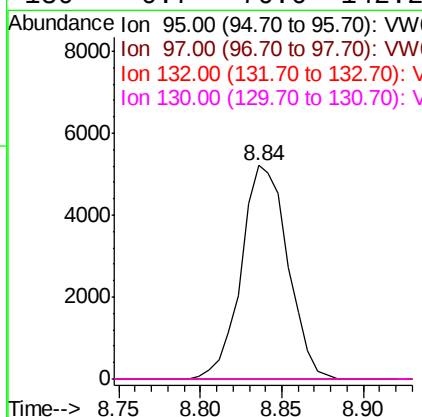
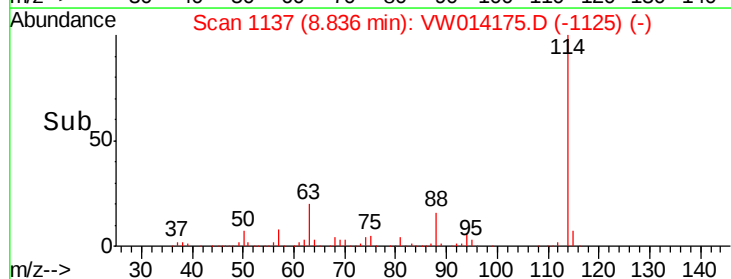
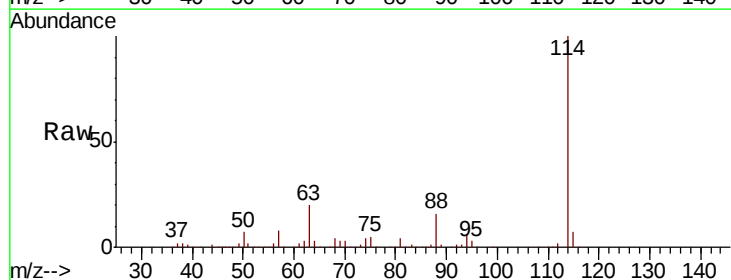
Instrument :
MSVOA_W
ClientSampled :

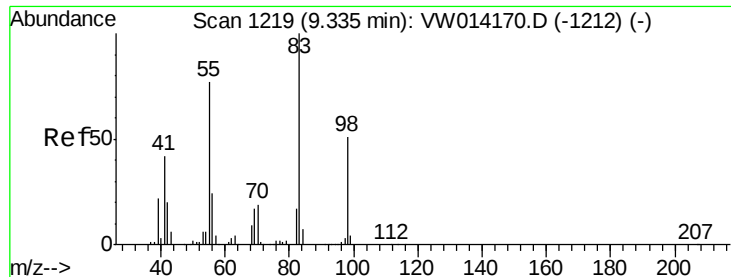
Tot Ion: 84 Resp: 11510
Ion Ratio Lower Upper
84 100
49 124.6 84.2 156.4
86 56.3 43.7 81.1



#35
Trichloroethene
Concen: 1.504 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.26 min
Lab File: VW014175.D
Acq: 29 Nov 2019 12:29

Tgt Ion: 95 Resp: 10351
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.0 73.7 136.9#
130 0.7 76.6 142.2#

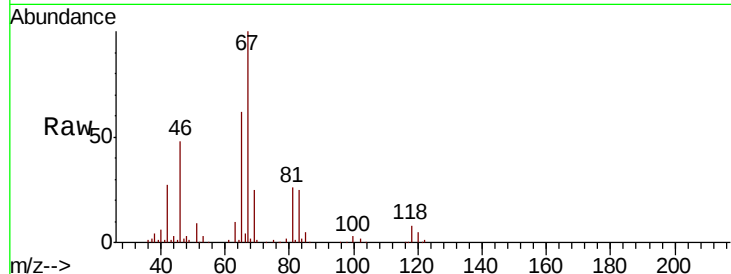




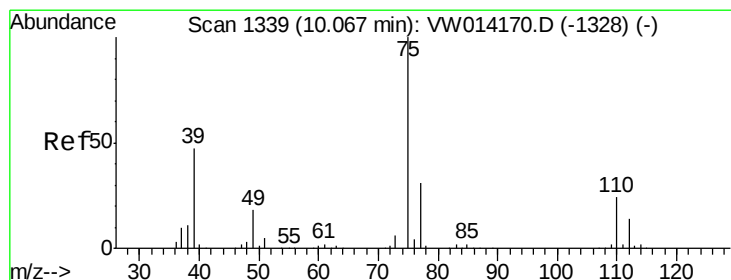
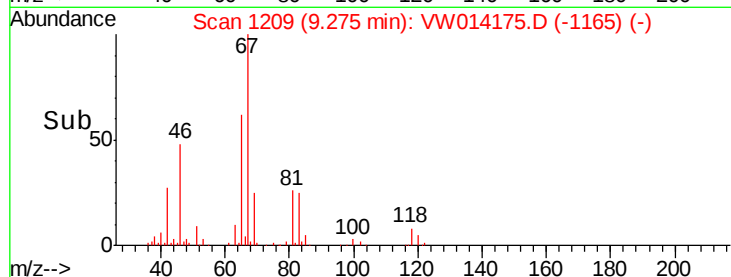
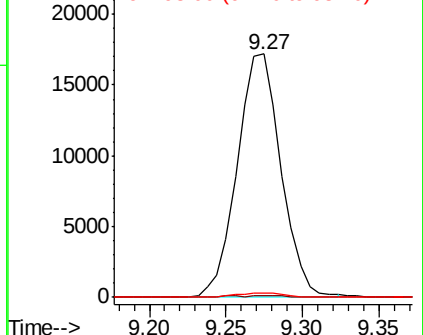
#36
Methylcyclohexane
Concen: 2.779 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW014175.D
Acq: 29 Nov 2019 12:29

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 34288
Ion Ratio Lower Upper
83 100
55 0.3 59.8 89.8#
98 0.0 39.5 59.3#

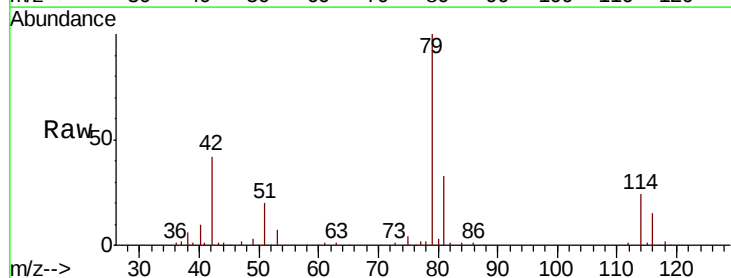


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#42
cis-1,3-Dichloropropene
Concen: 0.320 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014175.D
Acq: 29 Nov 2019 12:29

Tgt Ion: 75 Resp: 3132
Ion Ratio Lower Upper
75 100
77 48.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

