

Data File : VW014139.D
Acq On : 26 Nov 2019 17:09
Operator : SY/VA
Sample : K6063-05
Misc : 5.84G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BN1

Quant Time: Nov 27 07:09:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	273633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	65122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70892	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	2.89	69	70216	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.36%
10) 1,1-Dichloroethene-d2	4.01	63	115658	12.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.64%
20) 2-Butanone-d5	7.07	46	54424	42.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.82%
24) Chloroform-d	7.64	84	195556	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.41	65	99	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	387614	24.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.08%
33) 1,2-Dichloropropane-d6	9.27	67	124636	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.76%
37) Toluene-d8	10.32	98	314033	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.64%
38) trans-1,3-Dichloropropene-	10.58	79	33832	17.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.92%
39) 2-Hexanone-d5	10.92	63	39860	45.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91977	26.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	70865	27.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.32%

Target Compounds

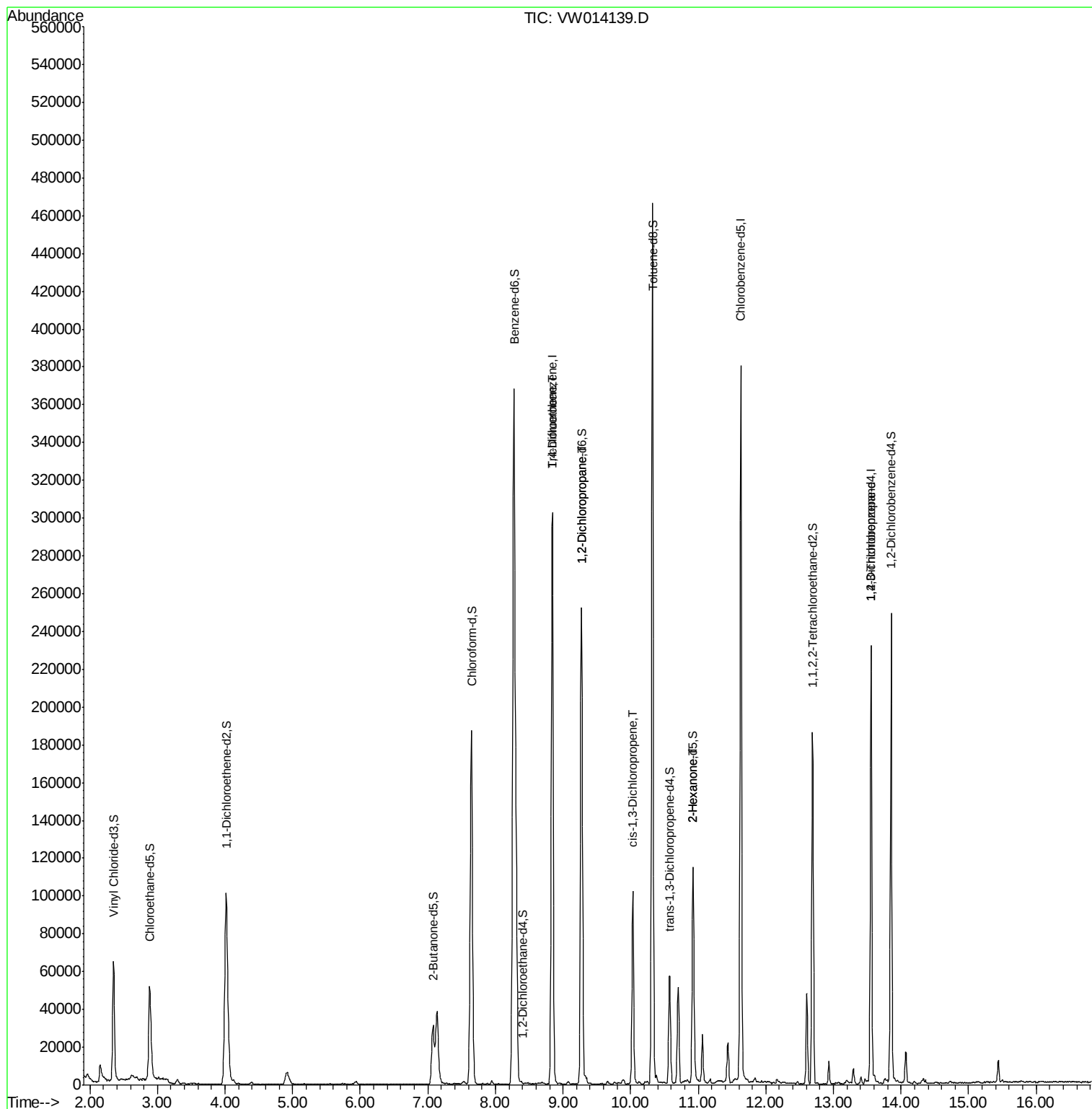
					Qvalue
35) Trichloroethene	8.84	95	7684	1.780 ug/L #	3
40) 1,2-Dichloropropane	9.27	63	12732	3.269 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	2473	0.402 ug/L	84
49) 2-Hexanone	10.92	43	5892	3.178 ug/L #	59
59) 1,2,3-Trichloropropane	13.55	75	7057	2.808 ug/L	96

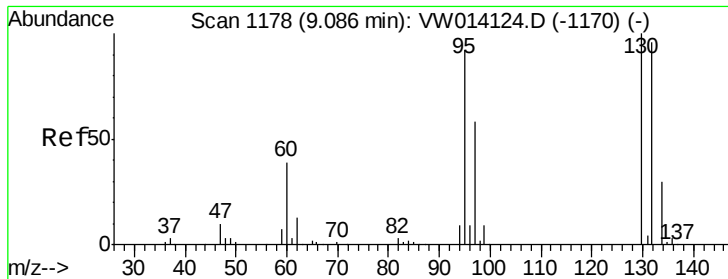
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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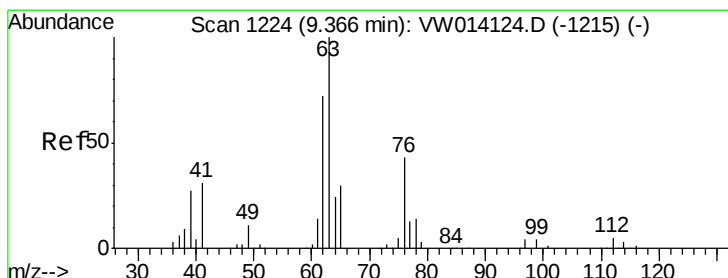
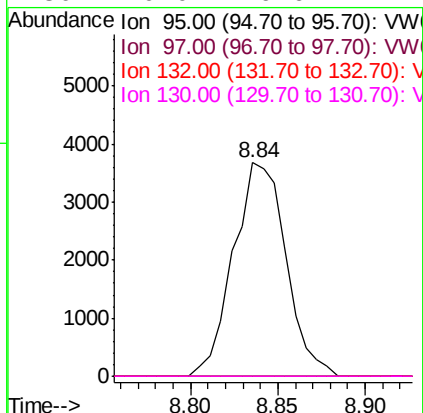
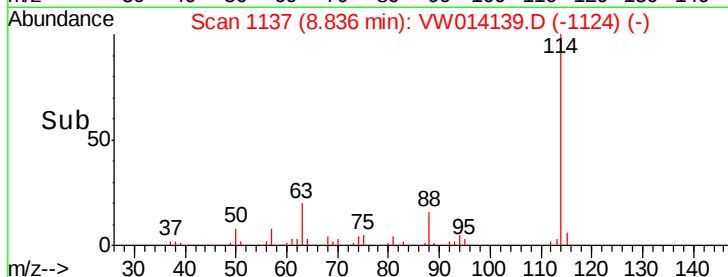
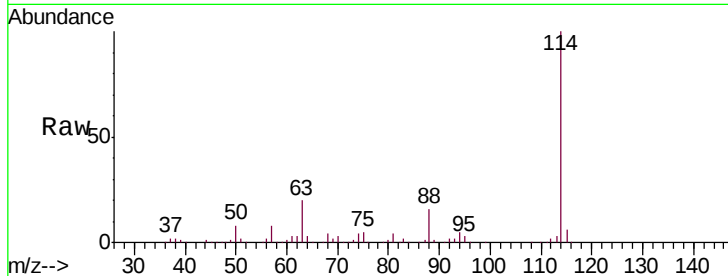




#35
 Trichloroethene
 Concen: 1.780 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.25 min
 Lab File: VW014139.D
 Acq: 26 Nov 2019 17:09

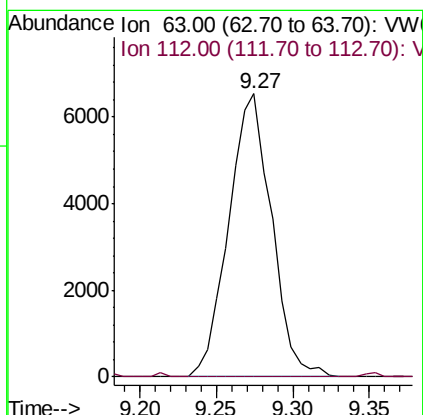
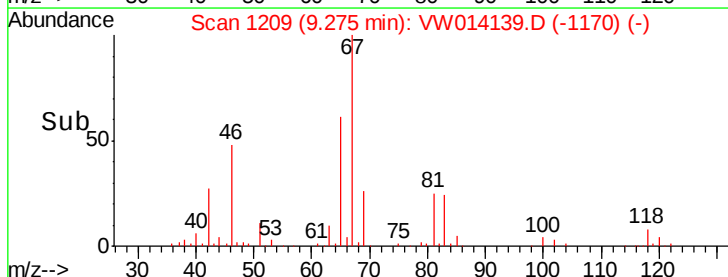
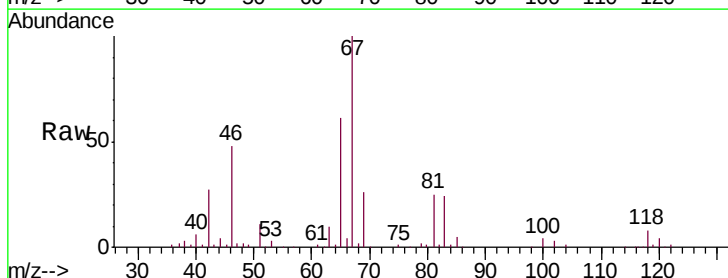
Instrument :
 MSVOA_W
 ClientSampled :
 C0BN1

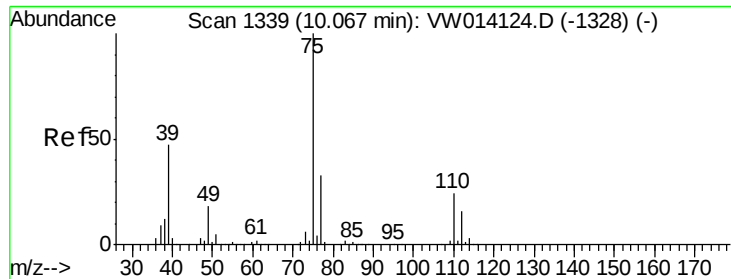
Tgt Ion: 95 Resp: 7684
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.1 83.9#
 132 2.1 73.7 136.9#
 130 0.0 76.6 142.2#



#40
 1,2-Dichloropropane
 Concen: 3.269 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014139.D
 Acq: 26 Nov 2019 17:09

Tgt Ion: 63 Resp: 12732
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.9 5.9#

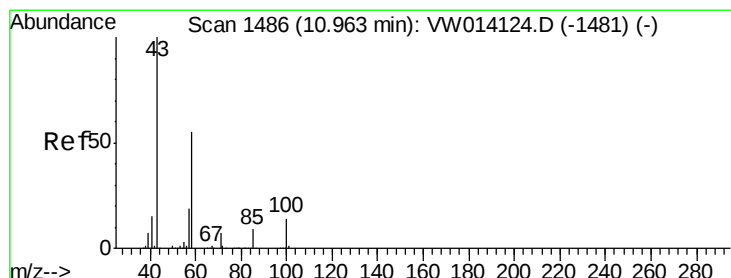
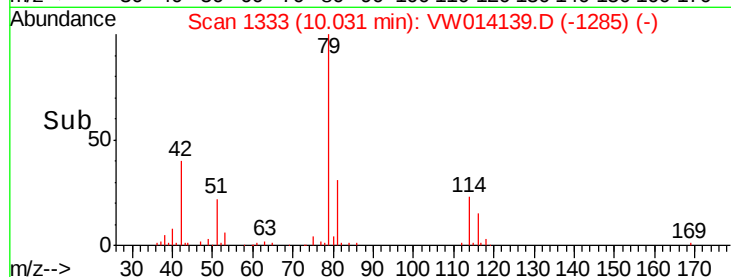
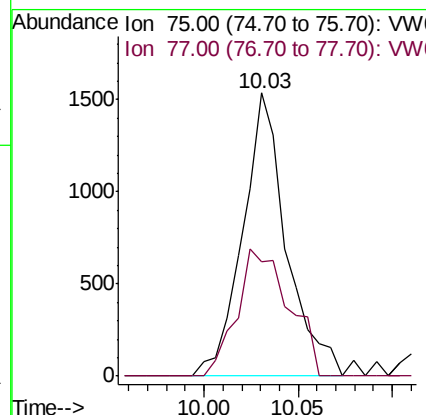
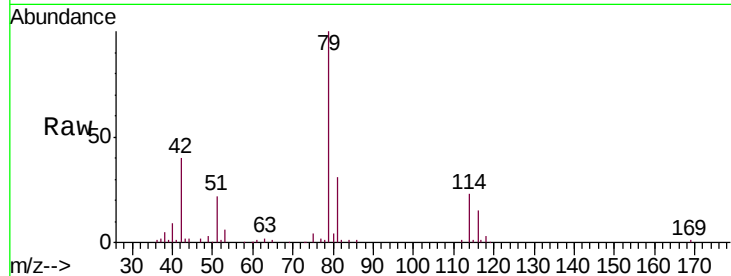




#42
 cis-1,3-Dichloropropene
 Concen: 0.402 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014139.D
 Acq: 26 Nov 2019 17:09

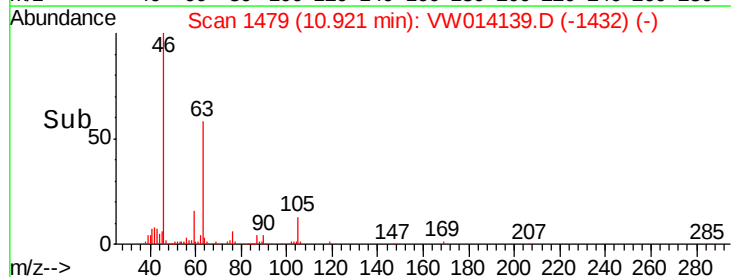
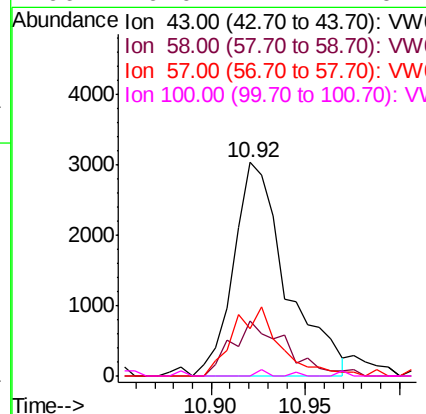
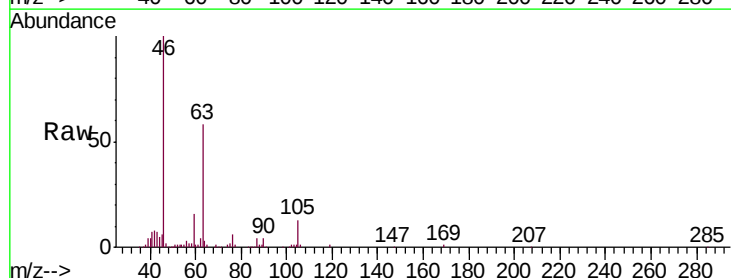
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BN1

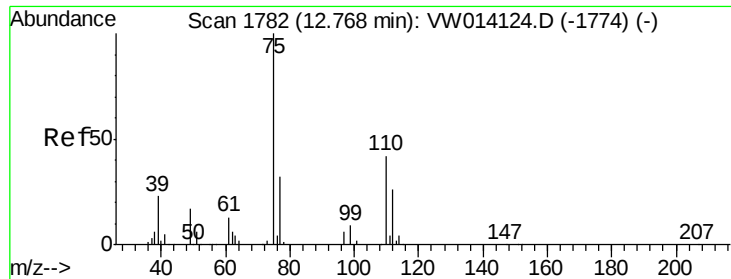
Tgt Ion: 75 Resp: 2473
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.1 41.1



#49
 2-Hexanone
 Concen: 3.178 ug/L
 RT: 10.92 min Scan# 1479
 Delta R.T. -0.04 min
 Lab File: VW014139.D
 Acq: 26 Nov 2019 17:09

Tgt Ion: 43 Resp: 5892
 Ion Ratio Lower Upper
 43 100
 58 18.5 44.4 66.6#
 57 28.4 16.5 24.7#
 100 0.0 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 2.808 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014139.D

Acq: 26 Nov 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

C0BN1

Tgt Ion: 75 Resp: 7057

Ion Ratio Lower Upper

75 100

77 34.7 25.9 38.9

