

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
 Data File : VW013603.D
 Acq On : 16 Oct 2019 16:53
 Operator : SY/VA
 Sample : K5378-21
 Misc : 3.28G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 17:50:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 16:38:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	418769	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111738	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	2.89	69	86723	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.28%
10) 1,1-Dichloroethene-d2	4.01	63	174898	17.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.32%
20) 2-Butanone-d5	7.08	46	58204	40.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.64%
24) Chloroform-d	7.65	84	219051	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	8.30	65	111724	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.84%
29) Benzene-d6	8.27	84	485116	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	142227	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	10.32	98	428558	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
38) trans-1,3-Dichloropropene-	10.58	79	49189	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.80%
39) 2-Hexanone-d5	10.93	63	43643	41.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95164	22.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	97289	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

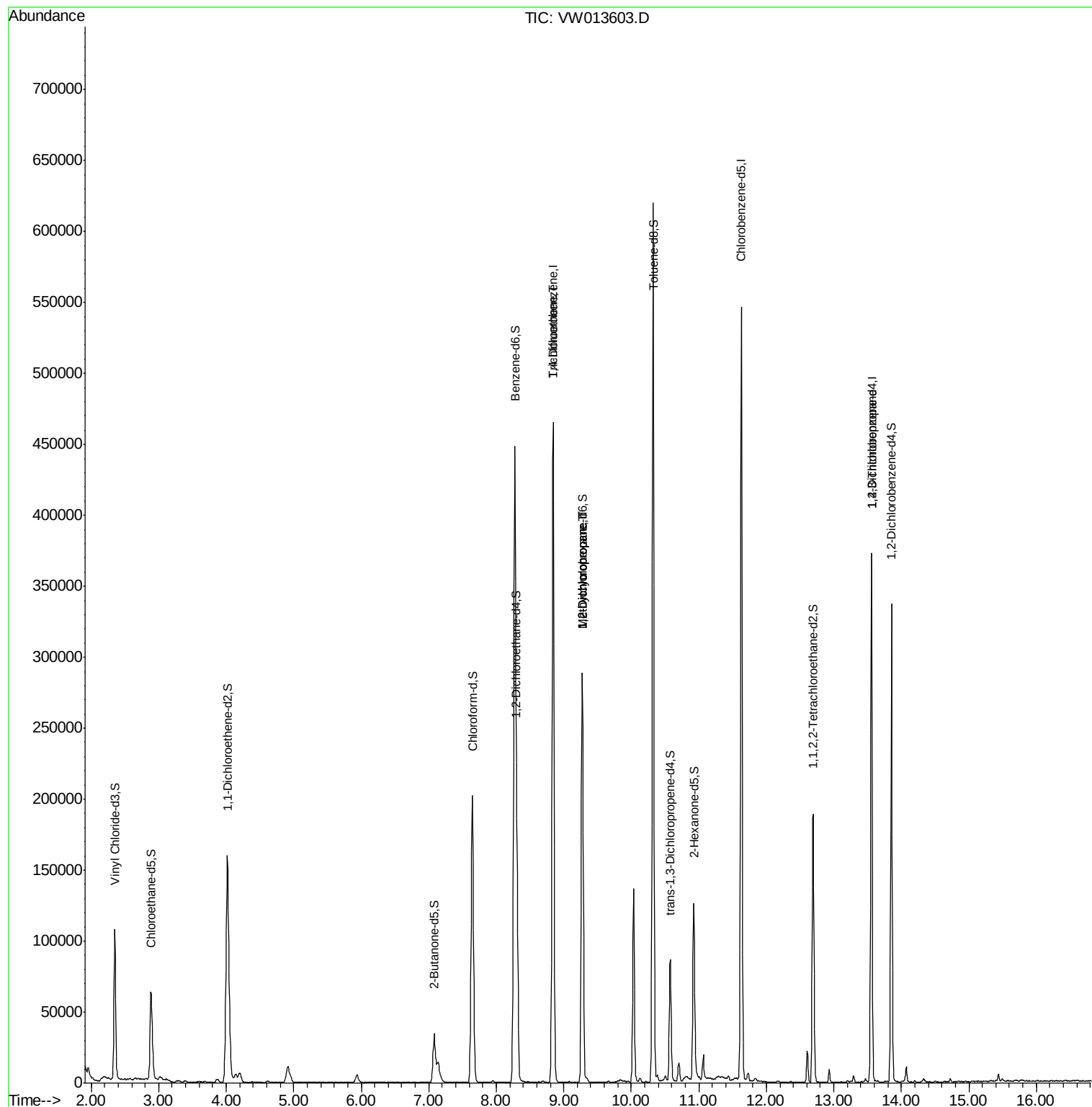
					Ovalue
35) Trichloroethene	8.84	95	12230	2.340 ug/L #	2
36) Methylcyclohexane	9.27	83	34173	3.596 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	15232	3.156 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	11026	3.412 ug/L	95

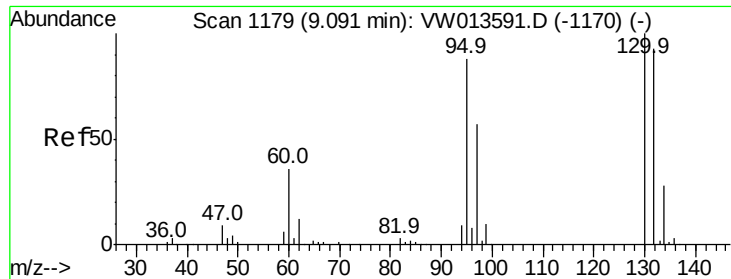
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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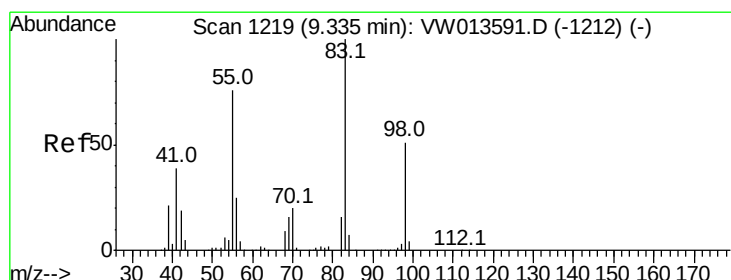
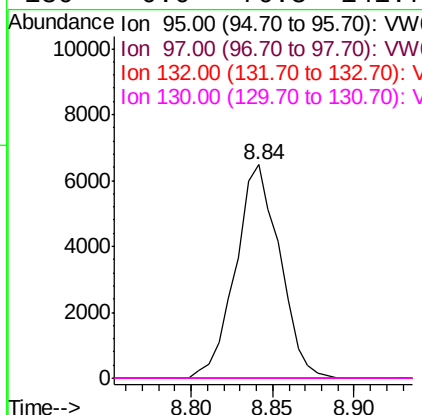
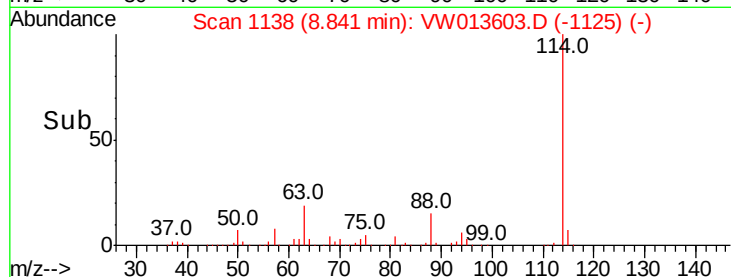
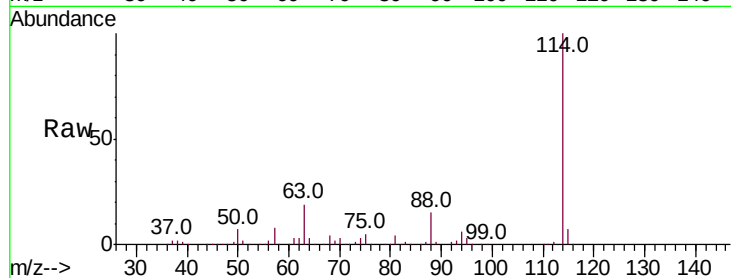




#35
 Trichloroethene
 Concen: 2.340 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW013603.D
 Acq: 16 Oct 2019 16:53

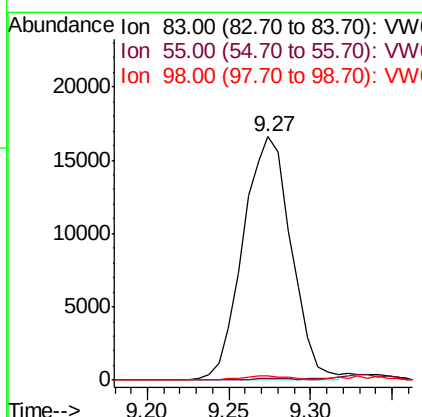
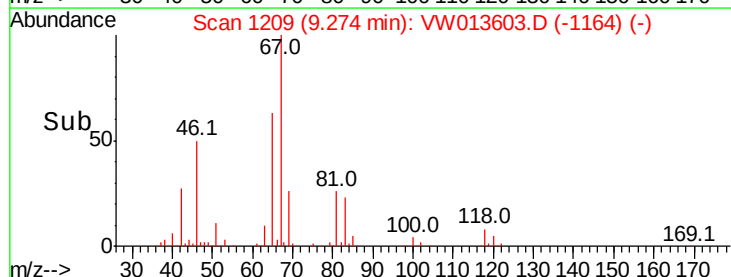
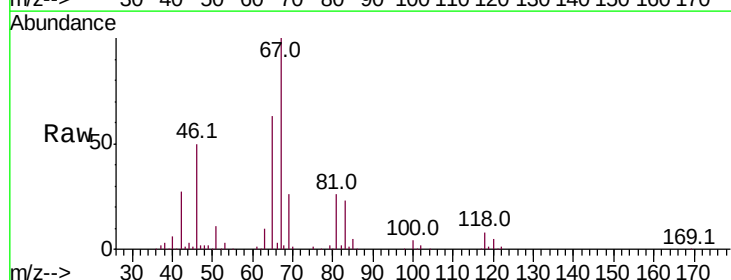
Instrument :
 MSVOA_W
 ClientSampleId :

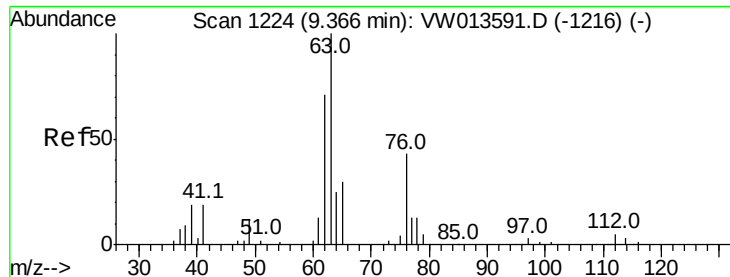
Tot Ion:	95	Resp:	12230
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.7#
132	0.0	73.6	136.8#
130	0.0	76.3	141.7#



#36
 Methylcyclohexane
 Concen: 3.596 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW013603.D
 Acq: 16 Oct 2019 16:53

Tgt Ion:	83	Resp:	34173
Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.4	90.6#
98	1.6	39.3	58.9#





#40

1,2-Dichloropropane

Concen: 3.156 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013603.D

Acq: 16 Oct 2019 16:53

Instrument :

MSVOA_W

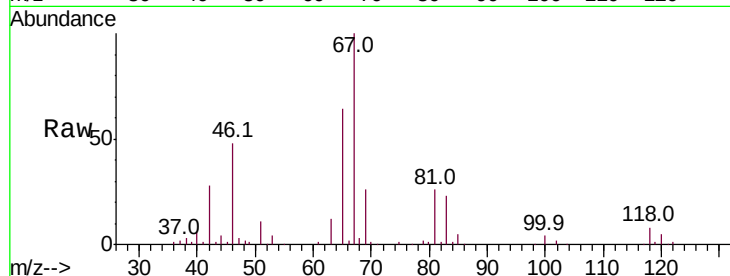
ClientSampled :

Tot Ion: 63 Resp: 15232

Ion Ratio Lower Upper

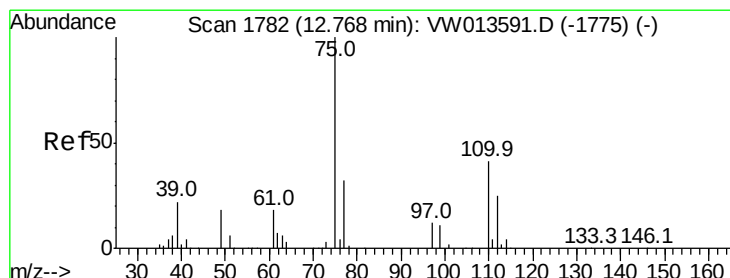
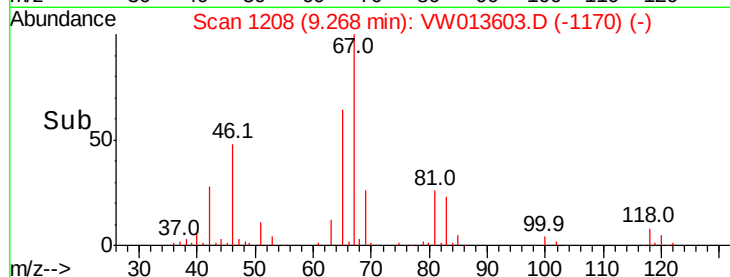
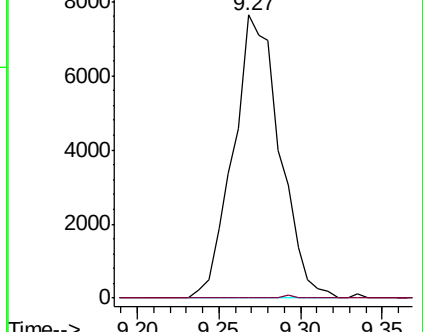
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.412 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013603.D

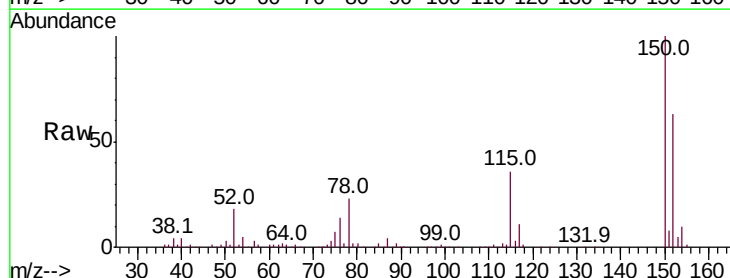
Acq: 16 Oct 2019 16:53

Tgt Ion: 75 Resp: 11026

Ion Ratio Lower Upper

75 100

77 34.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

