

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014050.D
 Acq On : 15 Nov 2019 19:17
 Operator : SY/VA
 Sample : K5810-12
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347075	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	179107	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108276	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	2.89	69	96470	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	4.01	63	173816	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	7.07	46	68208	42.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.80%
24) Chloroform-d	7.65	84	247467	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.30	65	131622	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	8.27	84	529772	21.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.68%
33) 1,2-Dichloropropane-d6	9.27	67	159238	22.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.96%
37) Toluene-d8	10.32	98	487591	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.08%
38) trans-1,3-Dichloropropene-	10.57	79	63047	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.16%
39) 2-Hexanone-d5	10.92	63	54393	40.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118775	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	168378	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

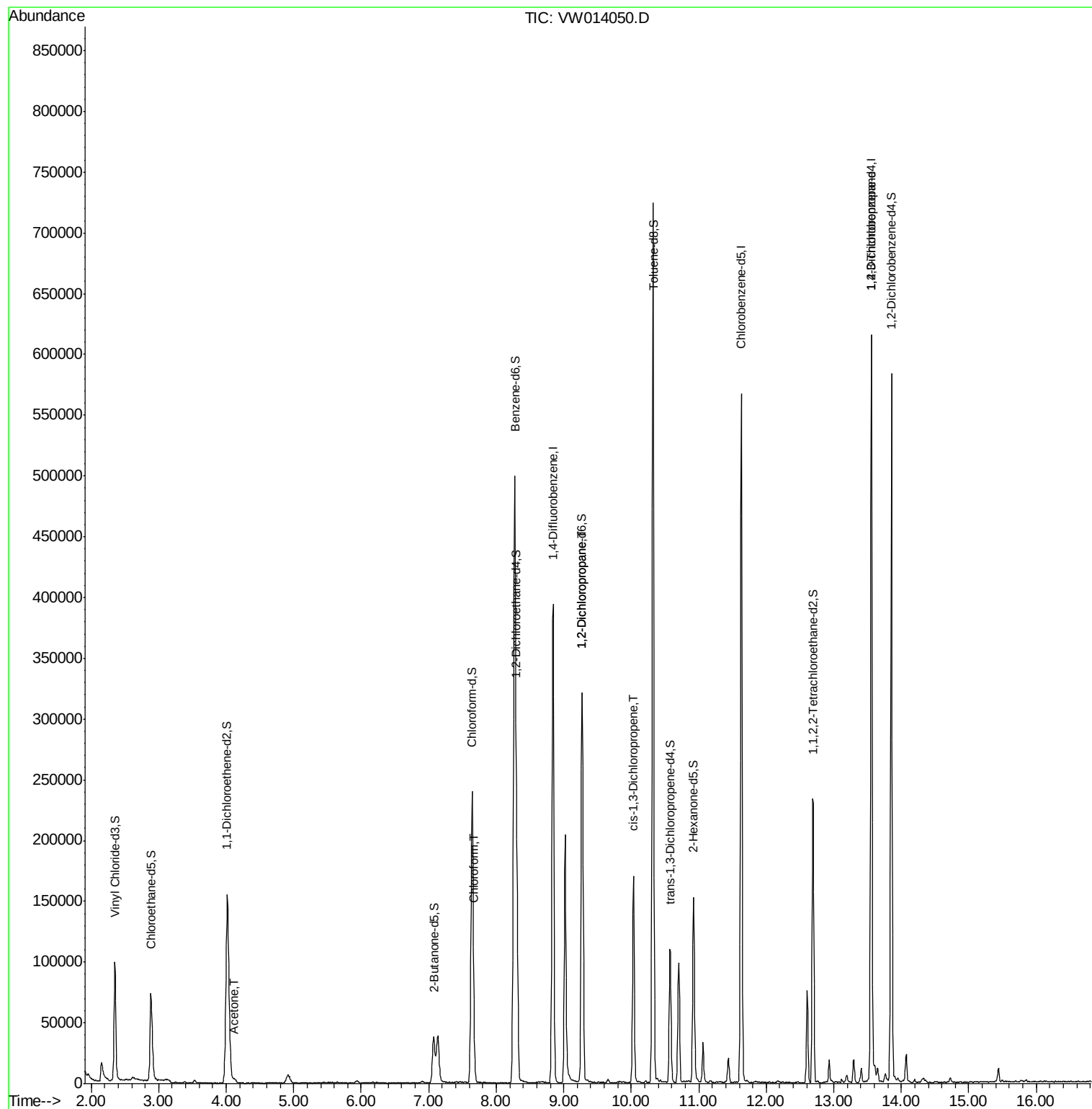
					Ovalue
13) Acetone	4.12	43	5812	3.550 ug/L	96
25) Chloroform	7.67	83	4897	0.485 ug/L #	63
40) 1,2-Dichloropropane	9.27	63	16922	2.813 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4089	0.431 ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	18211	4.692 ug/L	89

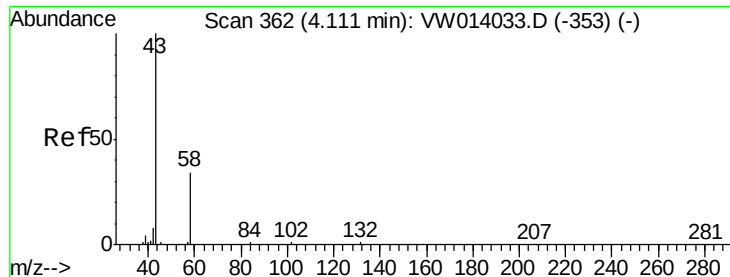
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.550 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014050.D

Acq: 15 Nov 2019 19:17

Instrument :

MSVOA_W

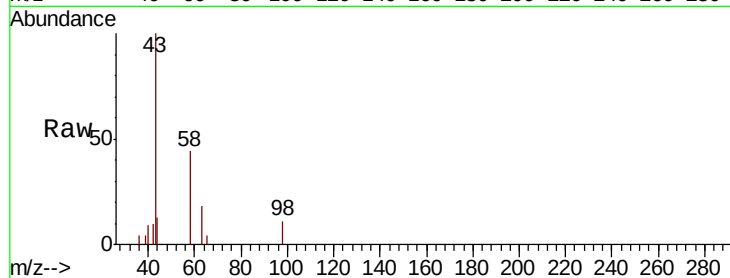
ClientSampled :

Tot Ion: 43 Resp: 5812

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

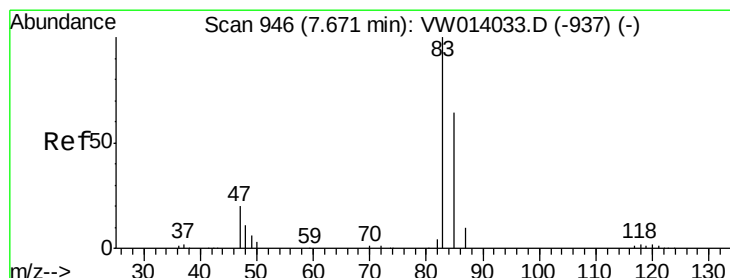
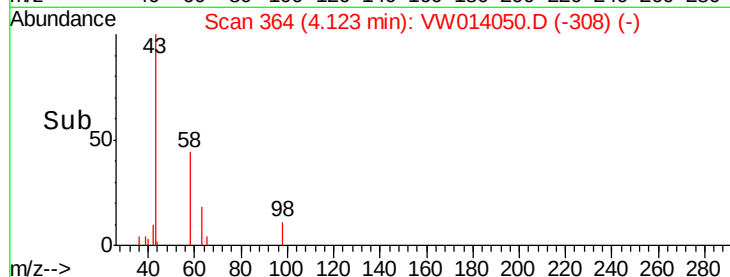
1500

1000

500

0

Time--> 4.00 4.10 4.20



#25

Chloroform

Concen: 0.485 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014050.D

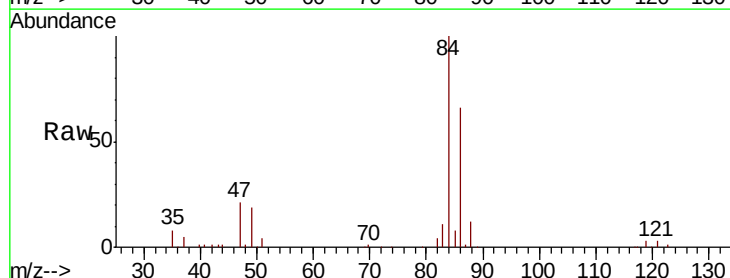
Acq: 15 Nov 2019 19:17

Tgt Ion: 83 Resp: 4897

Ion Ratio Lower Upper

83 100

85 95.7 46.1 85.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

7.67

3000

2500

2000

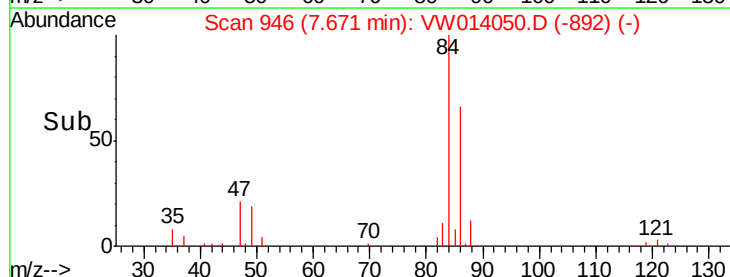
1500

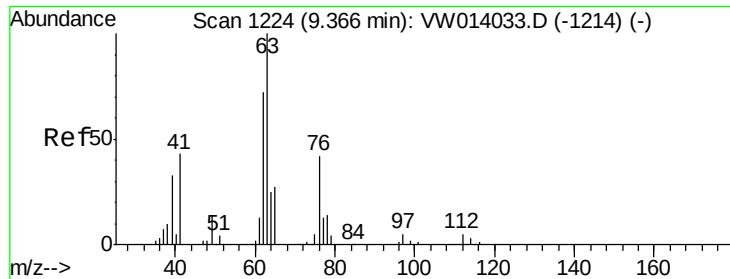
1000

500

0

Time--> 7.65 7.70

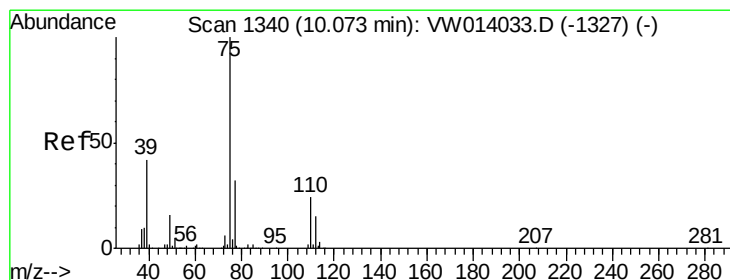
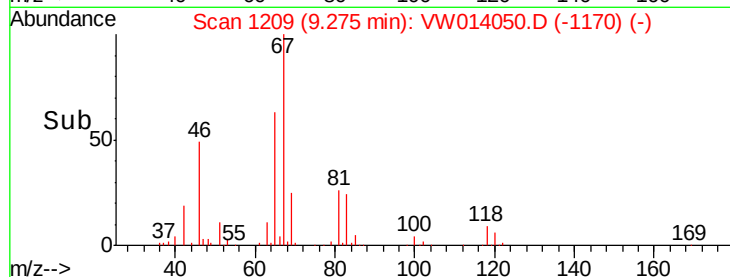
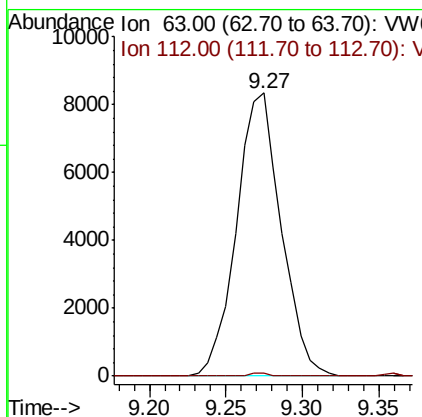
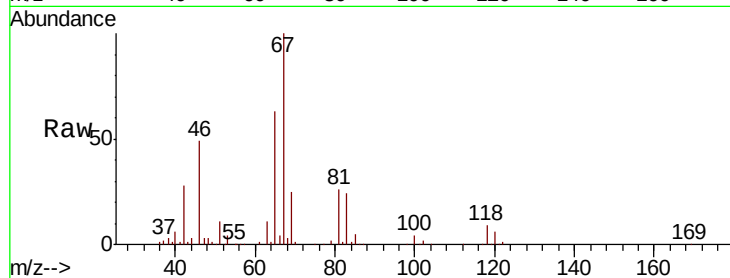




#40
 1,2-Dichloropropane
 Concen: 2.813 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014050.D
 Acq: 15 Nov 2019 19:17

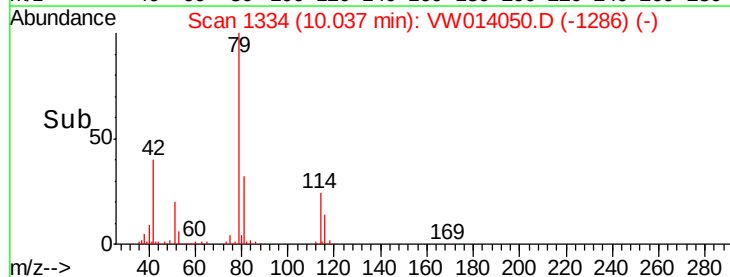
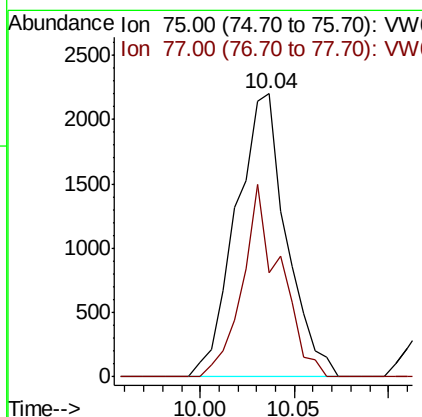
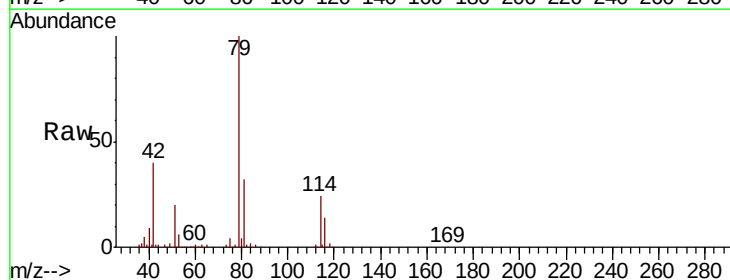
Instrument :
 MSVOA_W
 ClientSampleId :

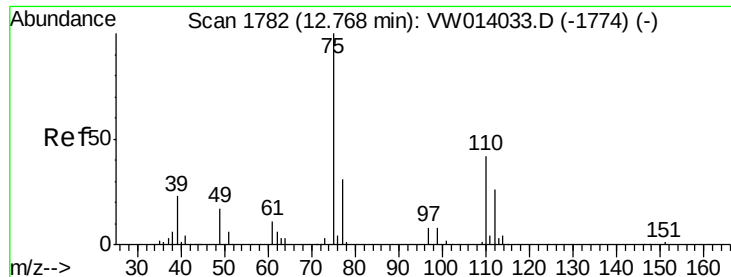
Tot Ion: 63 Resp: 16922
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.431 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW014050.D
 Acq: 15 Nov 2019 19:17

Tgt Ion: 75 Resp: 4089
 Ion Ratio Lower Upper
 75 100
 77 36.8 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.692 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014050.D

Acq: 15 Nov 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18211

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9

