

Data File : VW014060.D
Acq On : 18 Nov 2019 14:28
Operator : SY/VA
Sample : K5810-06
Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLQ8

Quant Time: Nov 19 07:25:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343787	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335370	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	186001	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112688	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
7) Chloroethane-d5	2.89	69	101191	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.02	63	187847	16.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.76%
20) 2-Butanone-d5	7.07	46	90036	56.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.00%
24) Chloroform-d	7.65	84	270307	25.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.28%
26) 1,2-Dichloroethane-d4	8.31	65	147619	27.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.12%
29) Benzene-d6	8.27	84	569796	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	174430	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.08%
37) Toluene-d8	10.32	98	529700	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.58	79	75078	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.60%
39) 2-Hexanone-d5	10.92	63	70067	53.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145567	27.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	191625	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

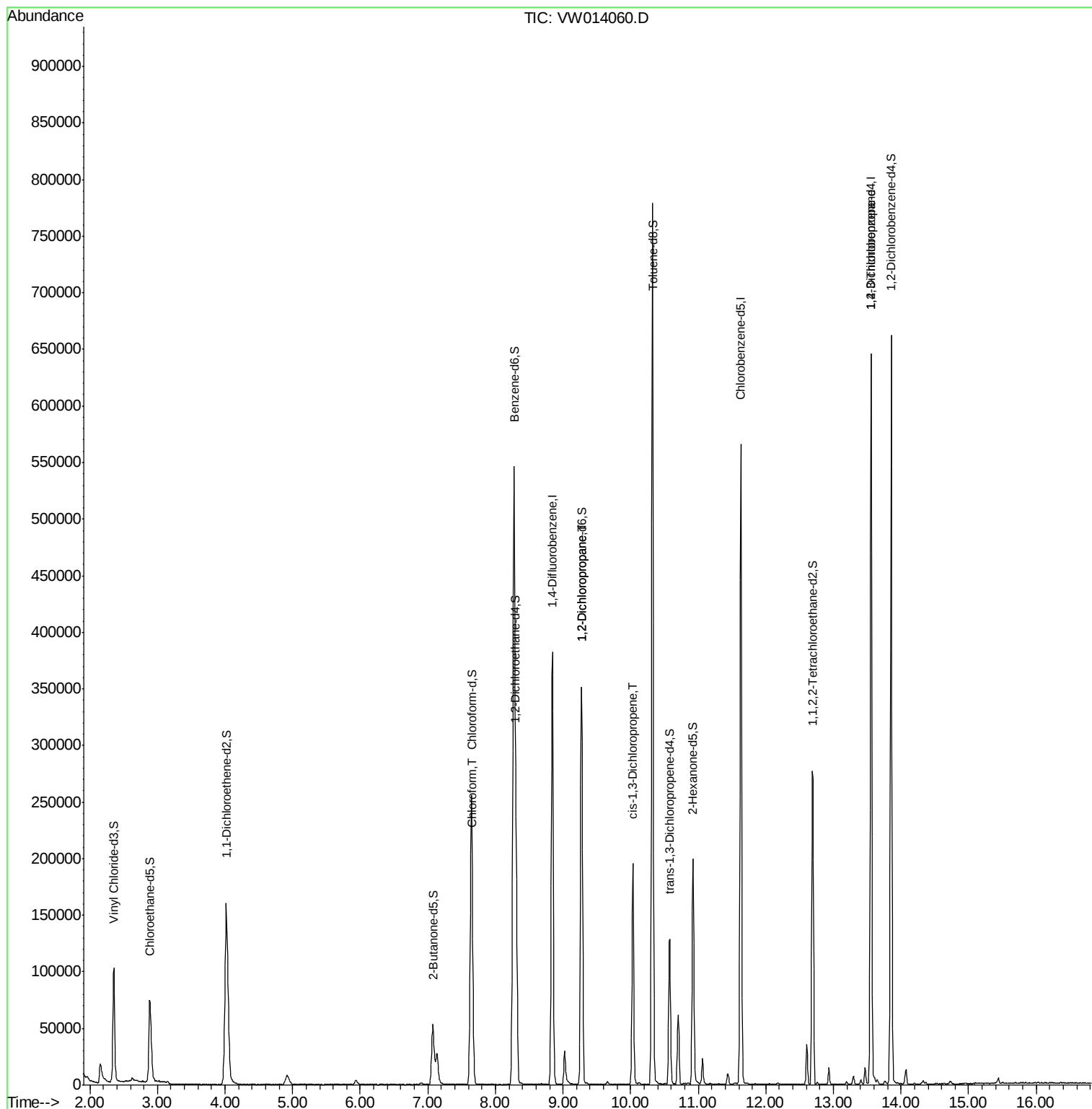
Target Compounds					Qvalue
25) Chloroform	7.67	83	3969	0.396 ug/L #	17
40) 1,2-Dichloropropane	9.27	63	18030	3.045 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4188	0.448 ug/L #	53
59) 1,2,3-Trichloropropane	13.56	75	19590	5.128 ug/L	95

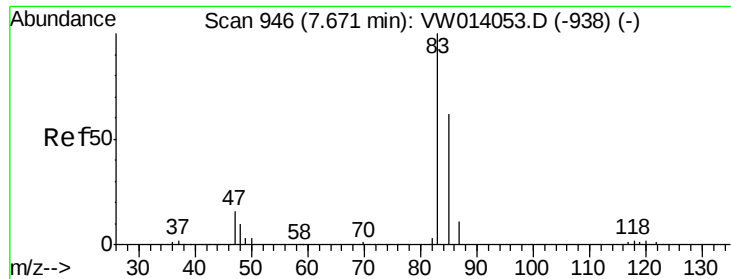
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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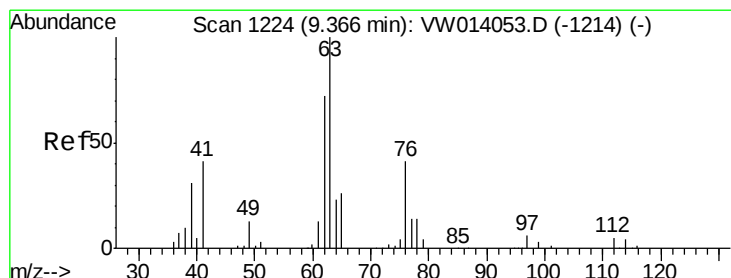
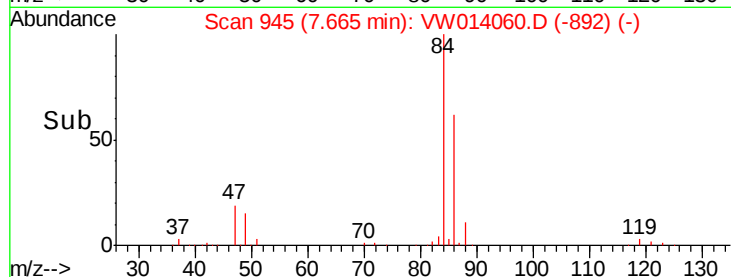
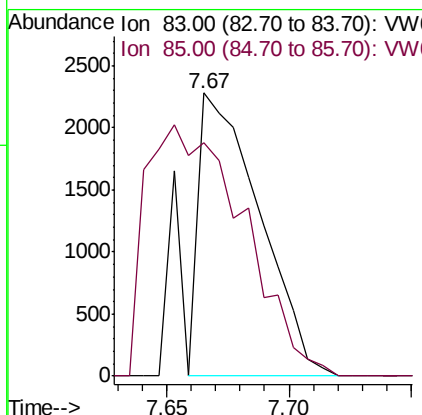
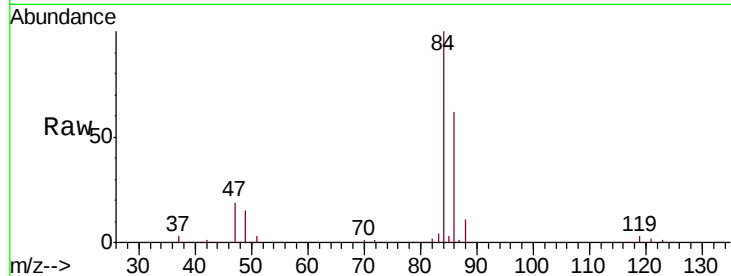




#25
Chloroform
Concen: 0.396 ug/L
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014060.D
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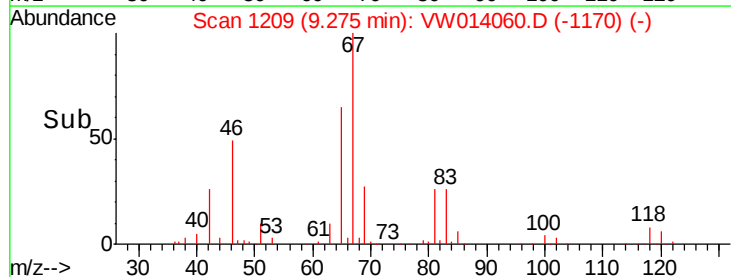
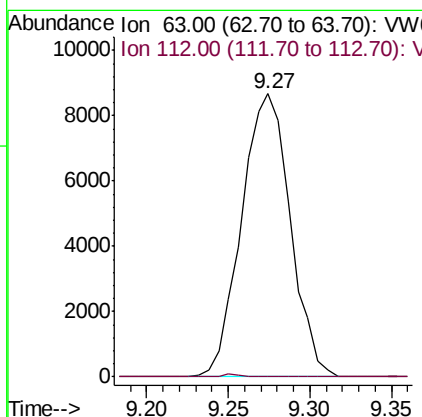
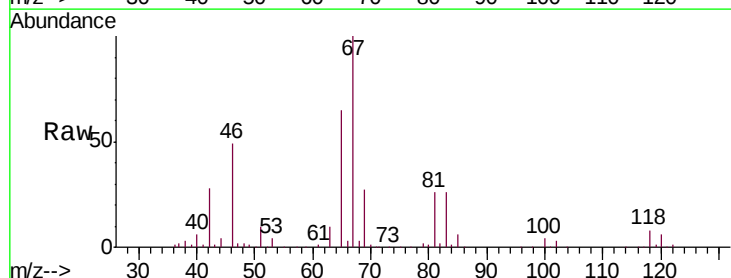
Instrument :
MSVOA_W
ClientSampled :
BFLQ8

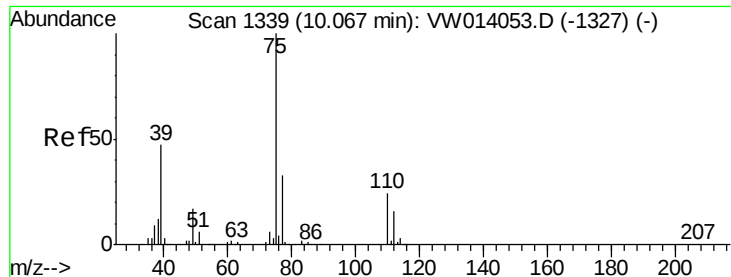
Tgt Ion: 83 Resp: 3969
Ion Ratio Lower Upper
83 100
85 0.0 46.1 85.7#



#40
1,2-Dichloropropane
Concen: 3.045 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW014060.D
Acq: 18 Nov 2019 14:28

Tgt Ion: 63 Resp: 18030
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.448 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014060.D

Acq: 18 Nov 2019 14:28

Instrument :

MSVOA_W

ClientSampled :

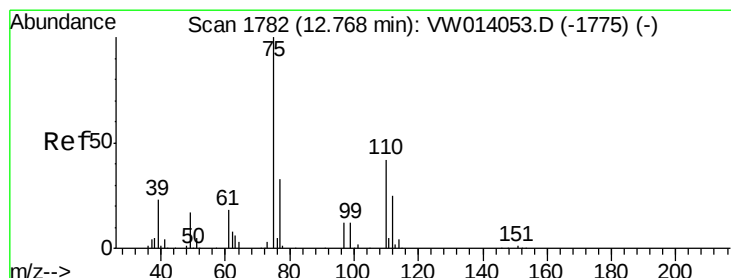
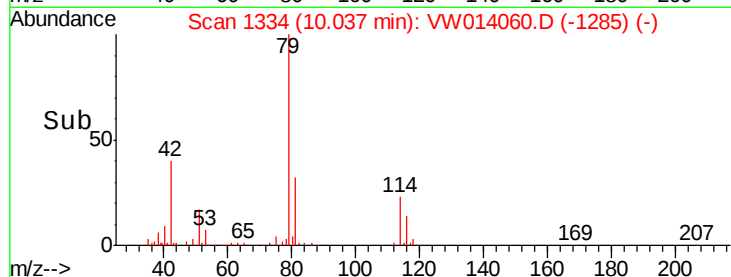
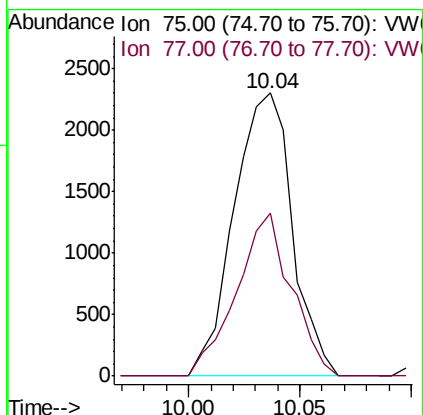
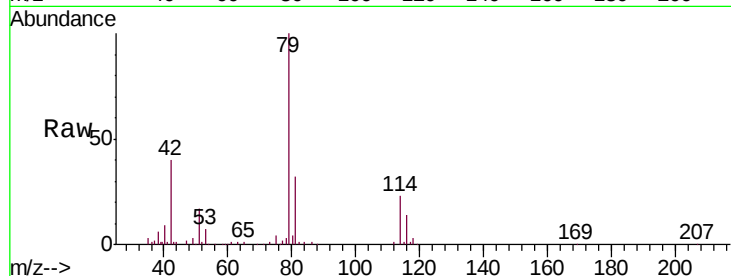
BFLQ8

Tgt Ion: 75 Resp: 4188

Ion Ratio Lower Upper

75 100

77 57.8 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 5.128 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Acq: 18 Nov 2019 14:28

Tgt Ion: 75 Resp: 19590

Ion Ratio Lower Upper

75 100

77 35.2 25.9 38.9

