

Data File : VW014016.D
Acq On : 14 Nov 2019 13:15
Operator : SY/VA
Sample : K5798-11
Misc : 5.67G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLW9

Quant Time: Nov 15 01:49:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331733	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	158696	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133511	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	2.89	69	113398	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.01	63	212967	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.07	46	100182	60.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.76%
24) Chloroform-d	7.64	84	294665	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.30	65	160297	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.88%
29) Benzene-d6	8.27	84	642278	27.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.16%
33) 1,2-Dichloropropane-d6	9.27	67	196280	28.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.88%
37) Toluene-d8	10.32	98	580726	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	10.57	79	78777	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.72%
39) 2-Hexanone-d5	10.92	63	76059	58.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153611	29.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	183541	28.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.16%

Target Compounds

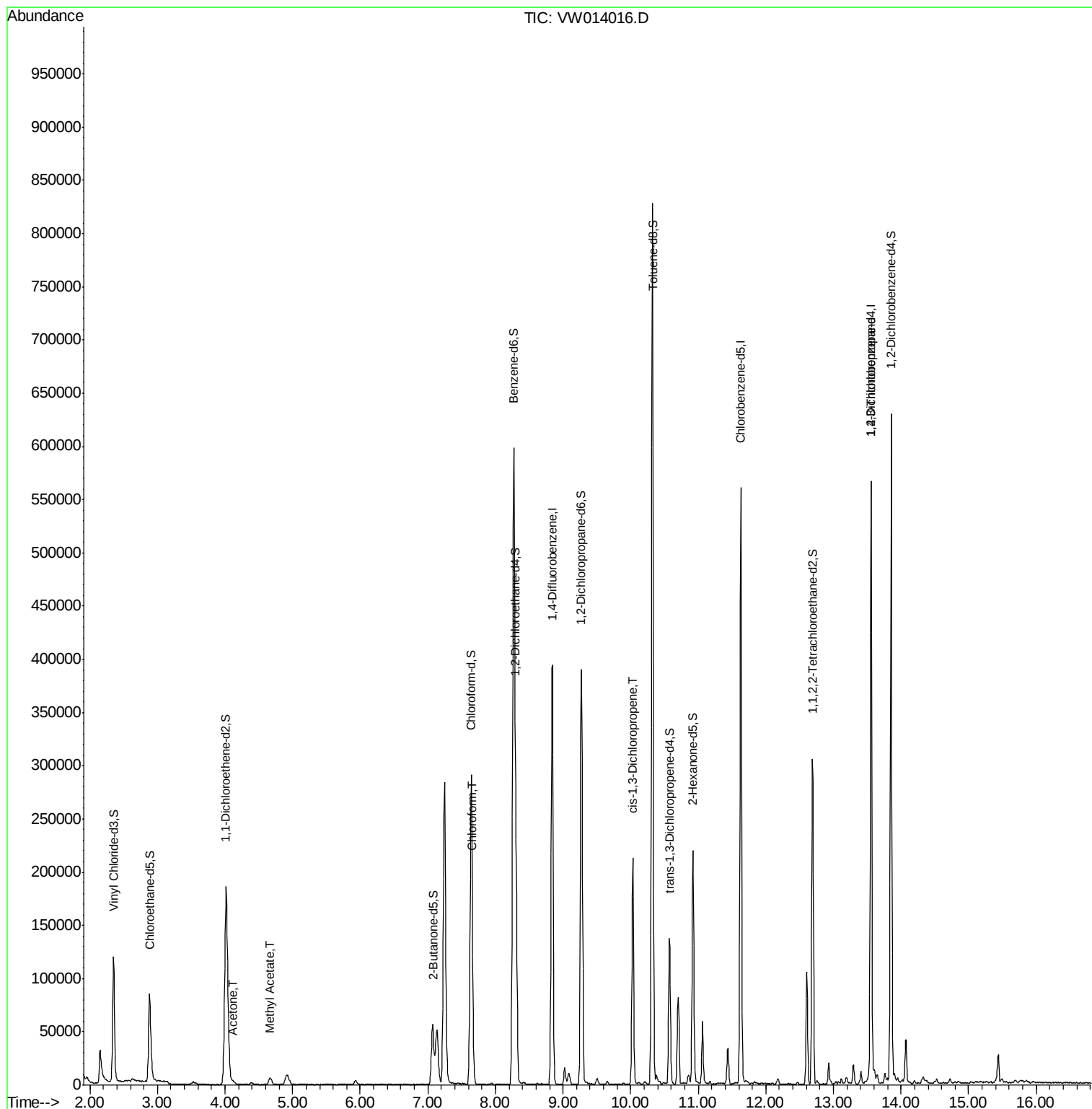
					Qvalue
13) Acetone	4.12	43	4846	2.870 ug/L	95
15) Methyl Acetate	4.67	43	12096	4.428 ug/L #	85
25) Chloroform	7.67	83	4873	0.467 ug/L #	70
42) cis-1,3-Dichloropropene	10.04	75	4930	0.533 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	17325	4.584 ug/L	95

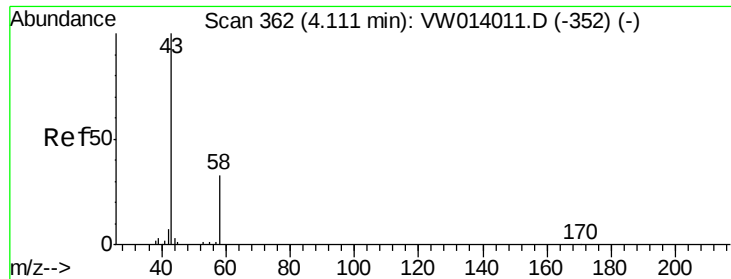
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.870 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014016.D

Acq: 14 Nov 2019 13:15

Instrument :

MSVOA_W

ClientSampled :

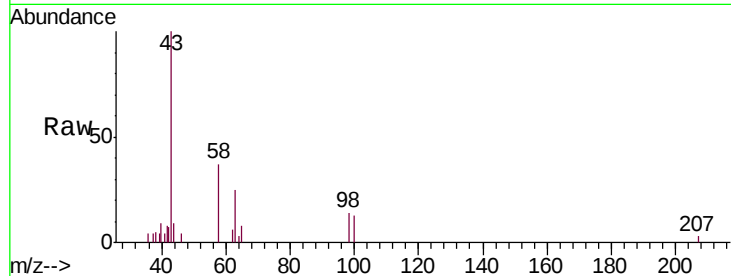
BFLW9

Tgt Ion: 43 Resp: 4846

Ion Ratio Lower Upper

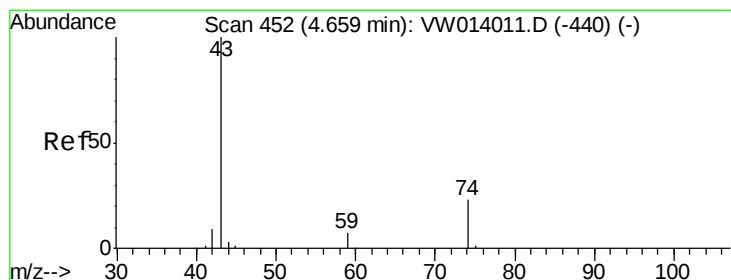
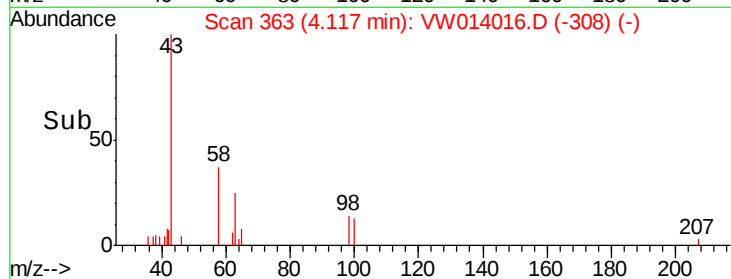
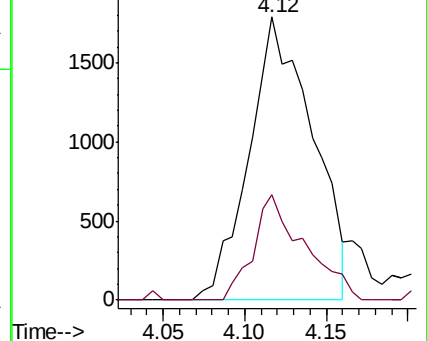
43 100

58 30.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 4.428 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

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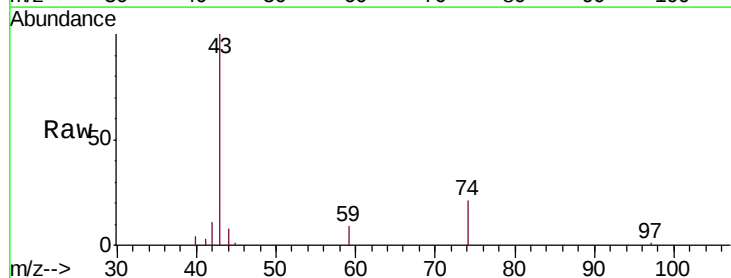
Acq: 14 Nov 2019 13:15

Tgt Ion: 43 Resp: 12096

Ion Ratio Lower Upper

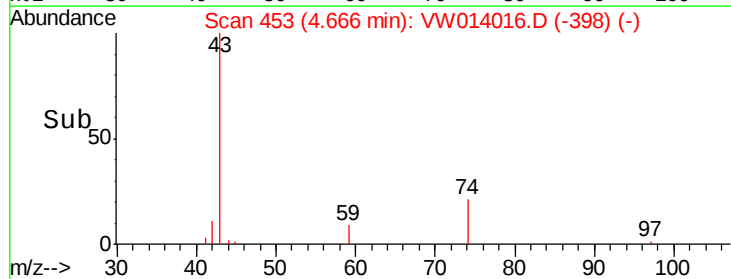
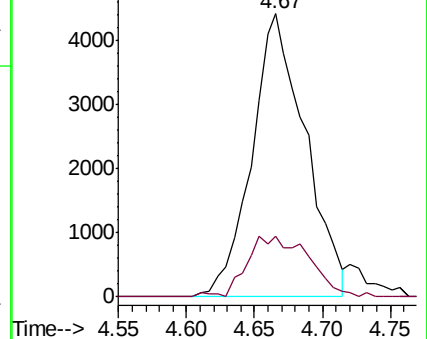
43 100

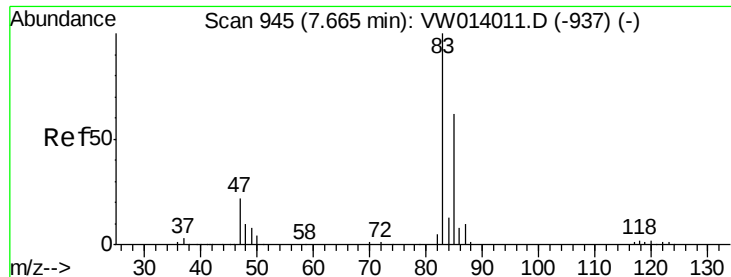
74 16.8 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

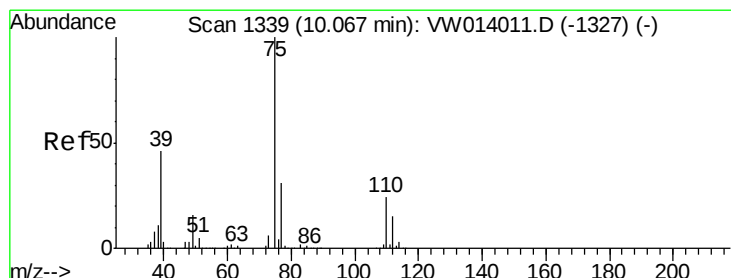
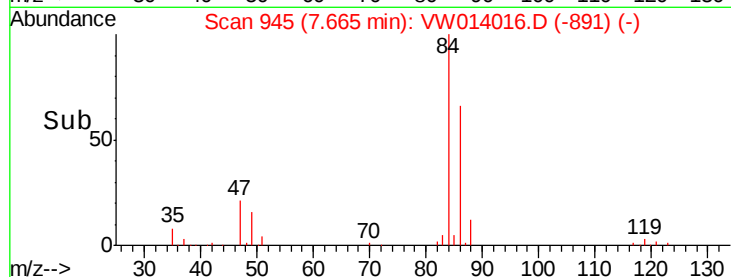
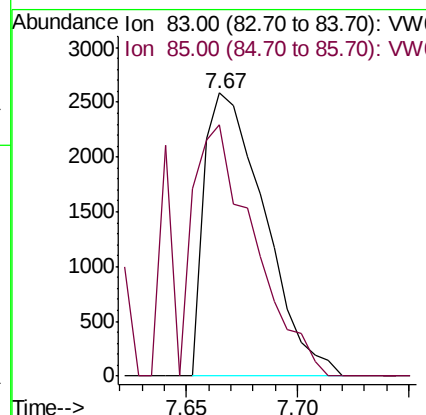
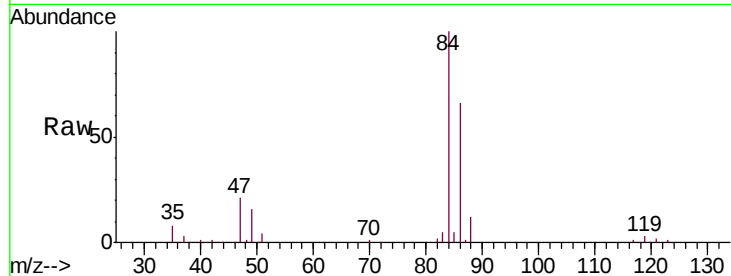




#25
Chloroform
Concen: 0.467 ug/L
RT: 7.67 min Scan# 945
Delta R.T. 0.00 min
Lab File: VW014016.D
Acq: 14 Nov 2019 13:15

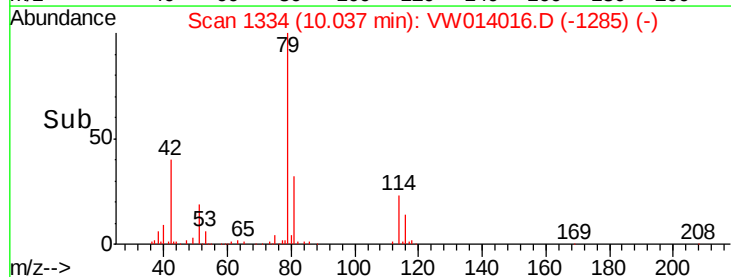
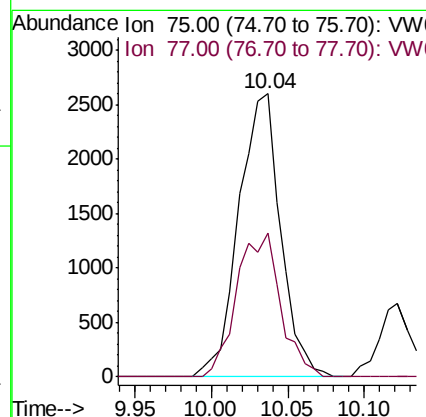
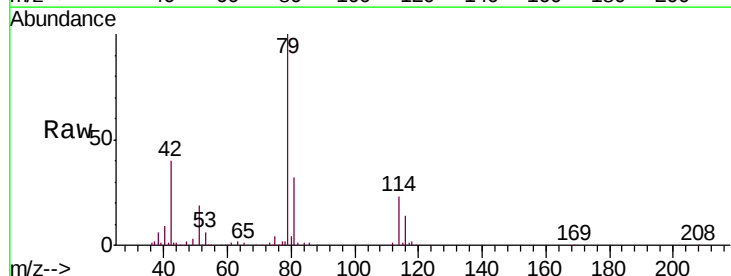
Instrument :
MSVOA_W
ClientSampled :
BFLW9

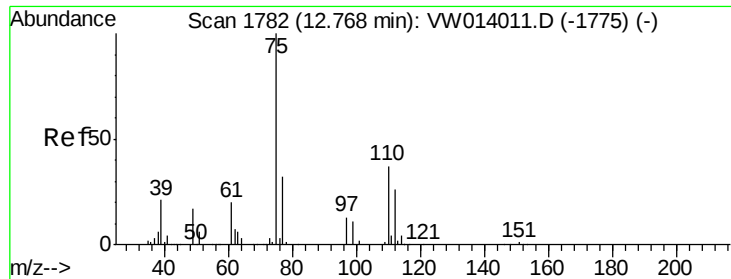
Tgt Ion: 83 Resp: 4873
Ion Ratio Lower Upper
83 100
85 89.9 46.1 85.7#



#42
cis-1,3-Dichloropropene
Concen: 0.533 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014016.D
Acq: 14 Nov 2019 13:15

Tgt Ion: 75 Resp: 4930
Ion Ratio Lower Upper
75 100
77 51.0 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.584 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014016.D

Acq: 14 Nov 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

BFLW9

Tgt Ion: 75 Resp: 17325

Ion Ratio Lower Upper

75 100

77 35.1 25.9 38.9

