

Data File : VW011385.D
Acq On : 19 Jul 2019 18:29
Operator : SY/VA
Sample : K3863-16
Misc : 4.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52G5

Quant Time: Jul 20 00:51:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 00:46:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	267741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211909	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	75290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41144	10.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.24%
7) Chloroethane-d5	2.89	69	55626	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
10) 1,1-Dichloroethene-d2	4.01	63	104052	12.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.08%
20) 2-Butanone-d5	7.07	46	122165	75.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.72%#
24) Chloroform-d	7.65	84	168571	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.43	65	33	0.01	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	318553	24.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.60%
33) 1,2-Dichloropropane-d6	9.27	67	116883	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	248918	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	10.58	79	44702	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.92%
39) 2-Hexanone-d5	10.92	63	79268	81.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.62%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109052	31.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	65174	22.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.20%

Target Compounds

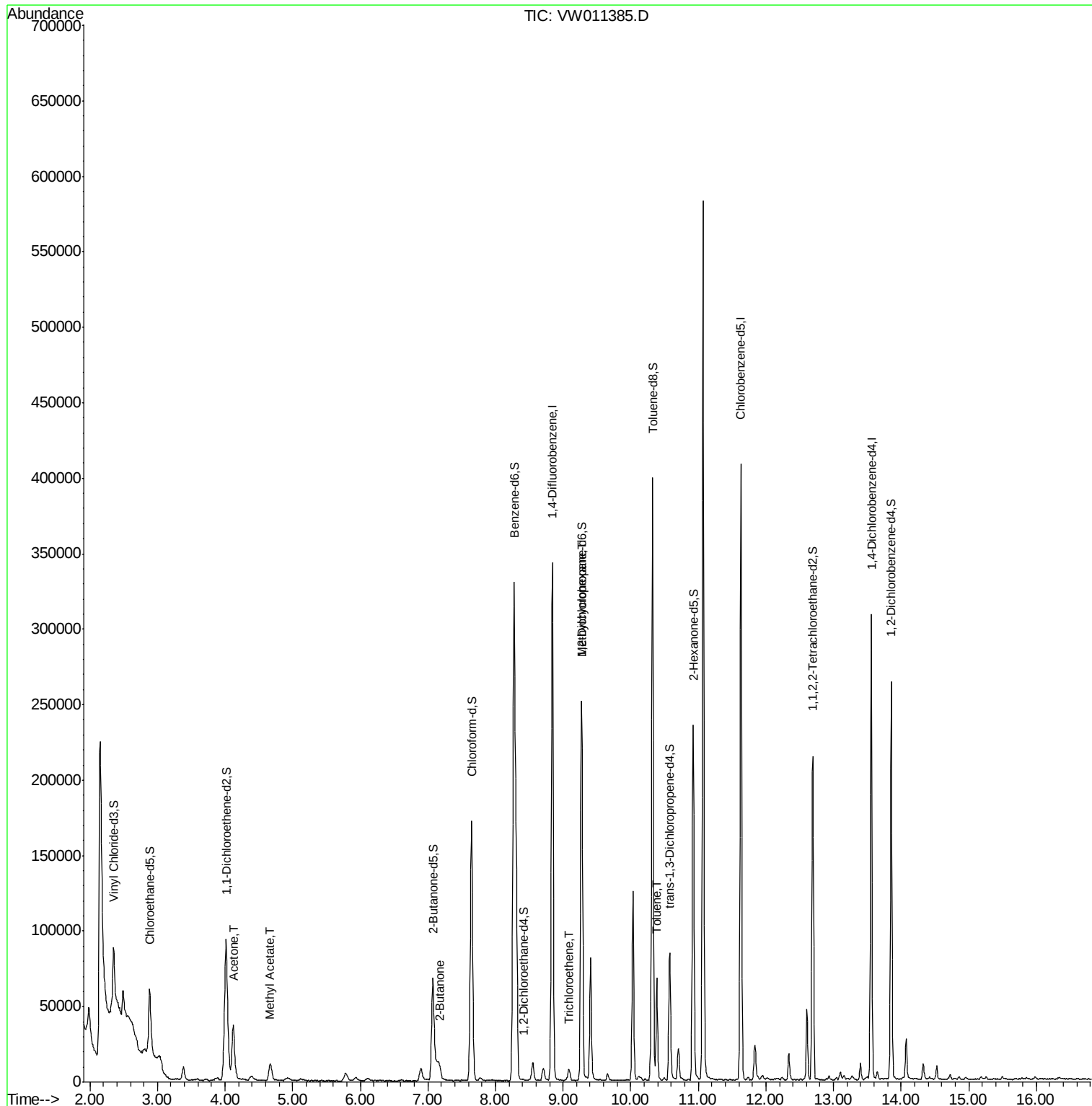
					Qvalue
13) Acetone	4.12	43	65987	41.950 ug/L	99
15) Methyl Acetate	4.67	43	22166	8.660 ug/L	99
21) 2-Butanone	7.18	43	12560	6.185 ug/L	98
35) Trichloroethene	9.09	95	2228	0.667 ug/L	97
36) Methylcyclohexane	9.27	83	26375	4.385 ug/L #	14
44) Toluene	10.39	91	46532	3.394 ug/L	100

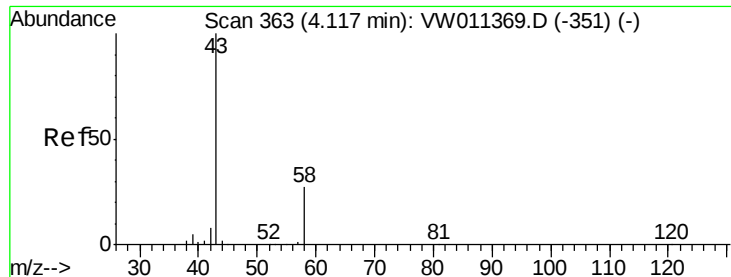
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 41.950 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 19 Jul 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

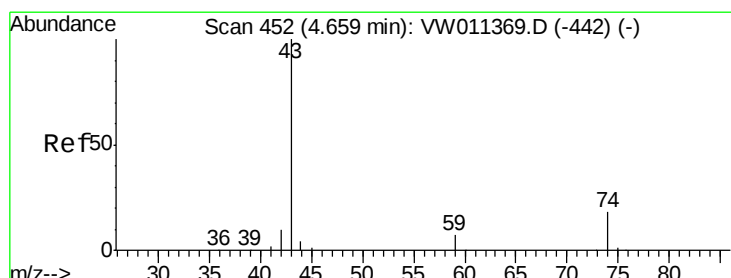
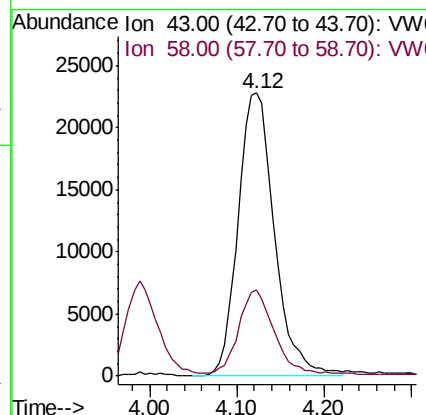
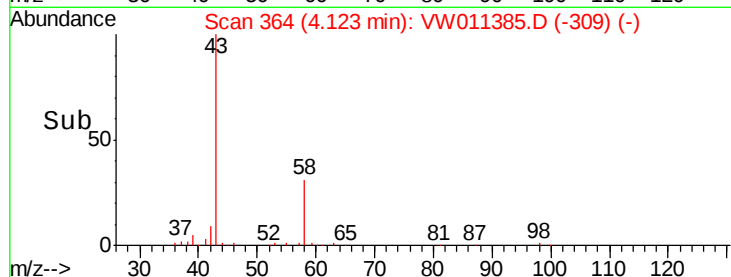
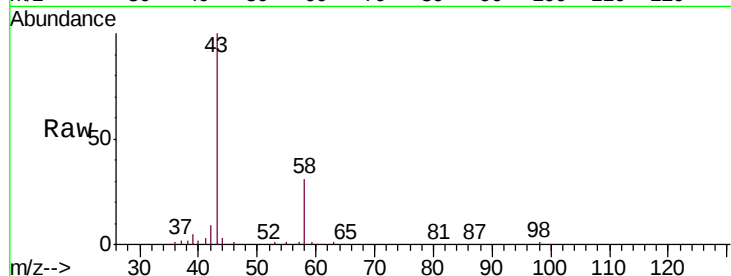
A52G5

Tgt Ion: 43 Resp: 65987

Ion Ratio Lower Upper

43 100

58 28.2 0.0 55.0



#15

Methyl Acetate

Concen: 8.660 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

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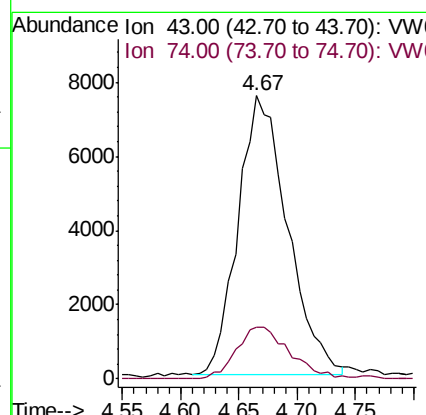
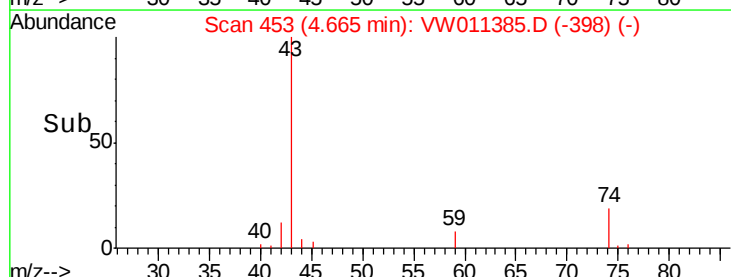
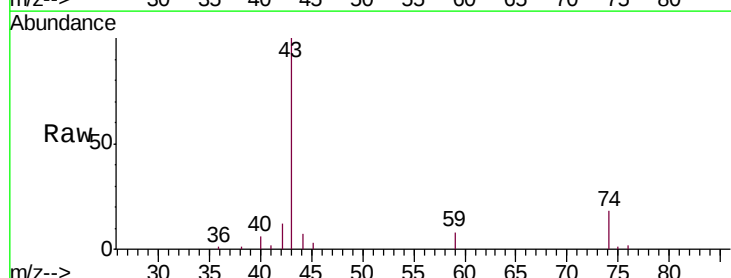
Acq: 19 Jul 2019 18:29

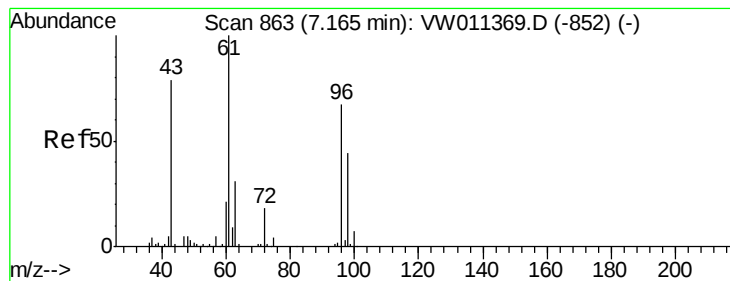
Tgt Ion: 43 Resp: 22166

Ion Ratio Lower Upper

43 100

74 19.4 15.1 22.7





#21

2-Butanone

Concen: 6.185 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

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Acq: 19 Jul 2019 18:29

Instrument :

MSVOA_W

ClientSampled :

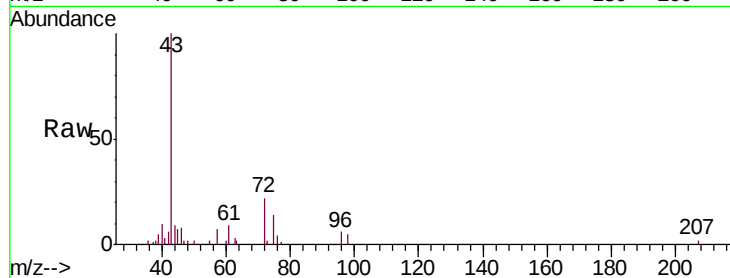
A52G5

Tgt Ion: 43 Resp: 12560

Ion Ratio Lower Upper

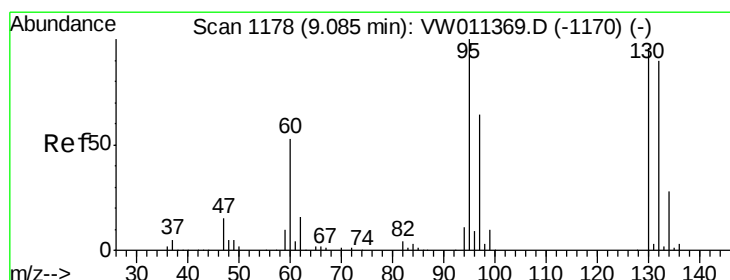
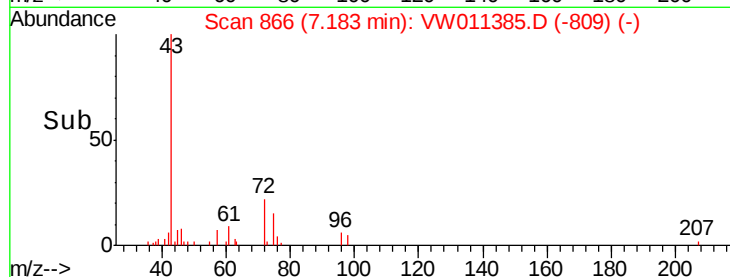
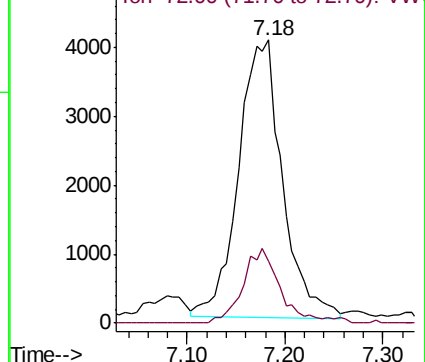
43 100

72 21.6 11.2 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 0.667 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011385.D

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Tgt Ion: 95 Resp: 2228

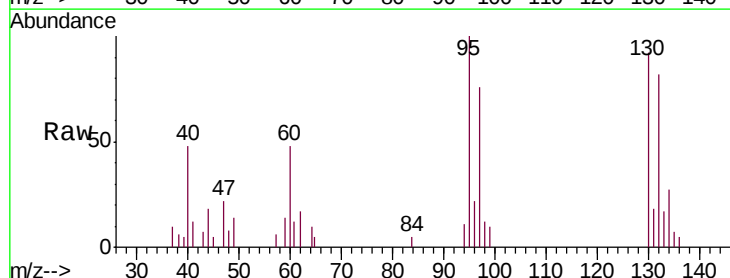
Ion Ratio Lower Upper

95 100

97 59.9 45.4 84.2

132 94.9 65.0 120.8

130 95.0 67.8 126.0

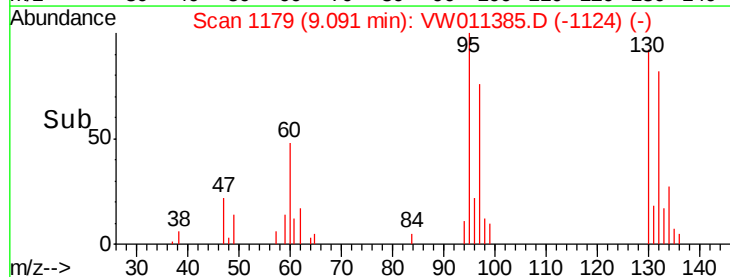
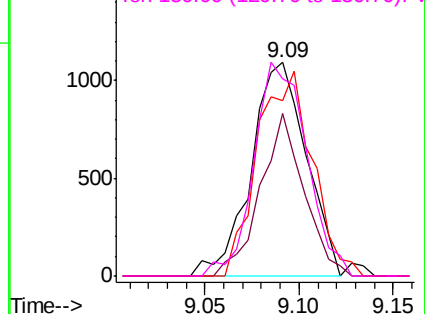


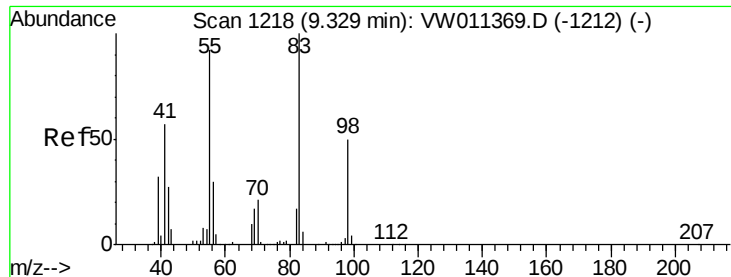
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

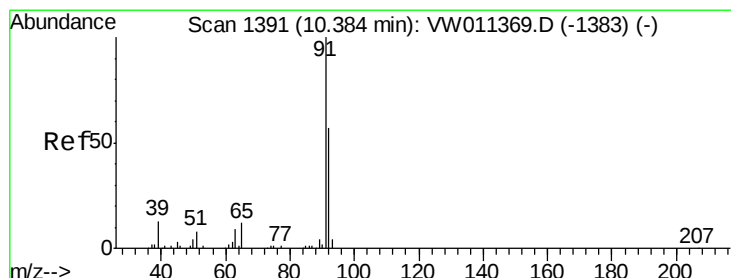
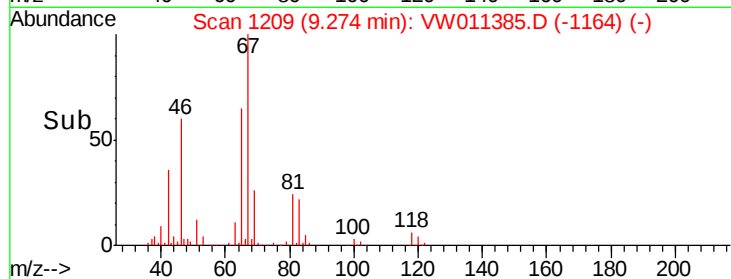
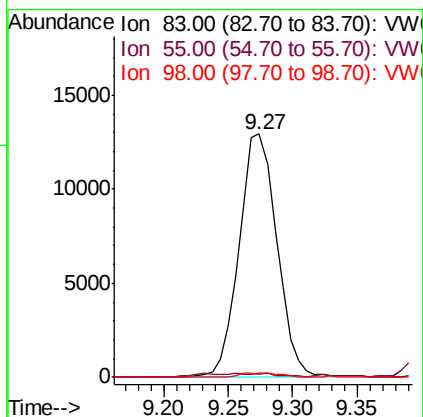
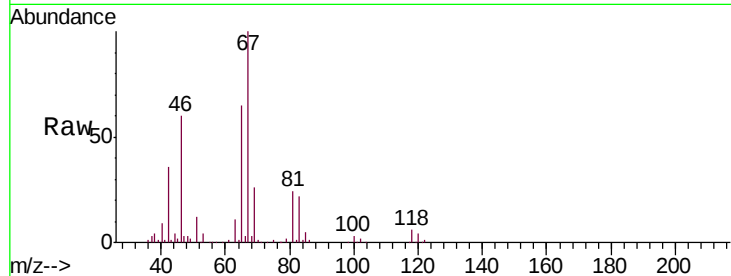




#36
Methylcyclohexane
Concen: 4.385 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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MSVOA_W
ClientSampleId :
A52G5

Tgt Ion: 83 Resp: 26375
Ion Ratio Lower Upper
83 100
55 1.2 72.2 108.4#
98 0.9 38.2 57.4#



#44
Toluene
Concen: 3.394 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011385.D
Acq: 19 Jul 2019 18:29

Tgt Ion: 91 Resp: 46532
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8

