

Data File : VW009917.D
Acq On : 11 Apr 2019 16:17
Operator : SY/VA
Sample : K2303-10
Misc : 3.61G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF8B1

Quant Time: Apr 12 02:07:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	56368	15.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.84%
7) Chloroethane-d5	2.89	69	65809	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.36%
10) 1,1-Dichloroethene-d2	4.01	63	113391	14.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.72%
20) 2-Butanone-d5	7.07	46	13167	11.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.96%
24) Chloroform-d	7.64	84	239831	32.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.28%
26) 1,2-Dichloroethane-d4	8.30	65	177156	39.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.76%#
29) Benzene-d6	8.27	84	381805	33.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.08%
33) 1,2-Dichloropropane-d6	9.27	67	145590	40.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.04%#
37) Toluene-d8	10.32	98	278985	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloropropene-	10.58	79	17476	10.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.04%
39) 2-Hexanone-d5	10.98	63	72	0.11	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.22%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124322	37.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	63227	29.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.92%

Target Compounds

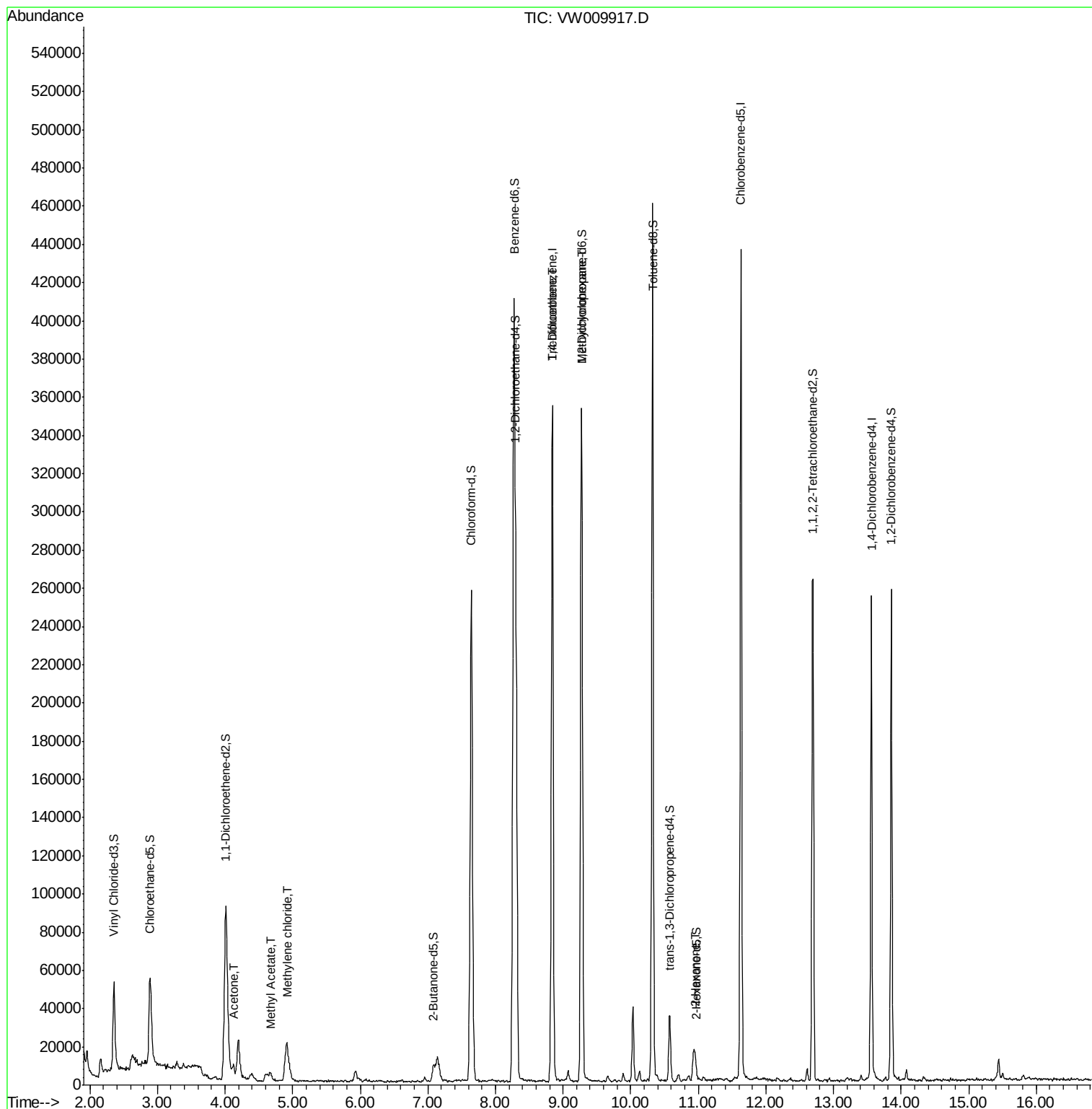
					Qvalue
13) Acetone	4.12	43	10938	8.904 ug/L	65
15) Methyl Acetate	4.68	43	5479	2.446 ug/L #	90
16) Methylene chloride	4.92	84	16843	3.539 ug/L	94
35) Trichloroethene	8.84	95	8433	2.431 ug/L #	6
36) Methylcyclohexane	9.27	83	36188	6.346 ug/L #	17
49) 2-Hexanone	10.96	43	8055	4.105 ug/L #	54

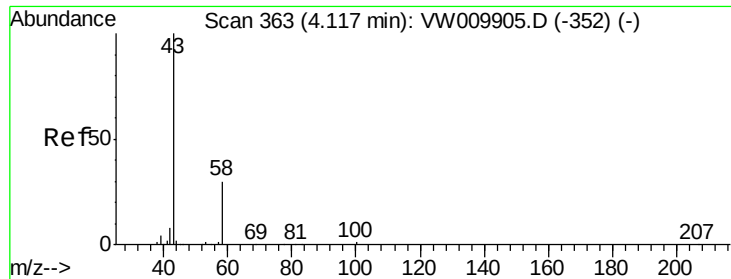
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.904 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 11 Apr 2019 16:17

Instrument :

MSVOA_W

ClientSampled :

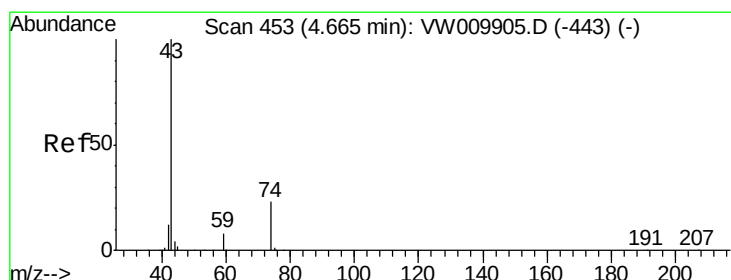
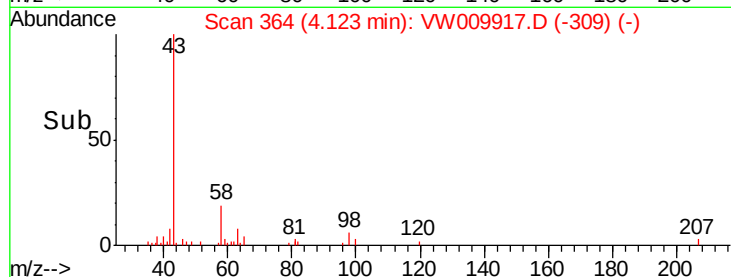
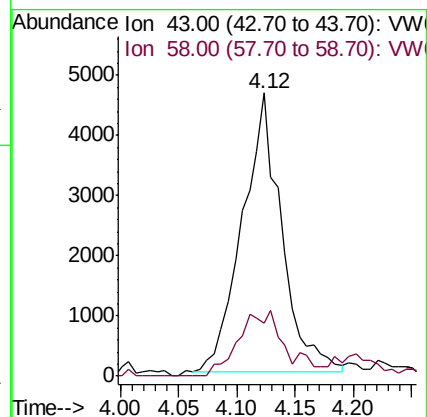
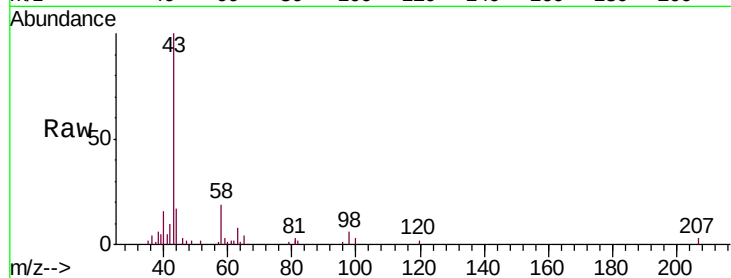
BF8B1

Tgt Ion: 43 Resp: 10938

Ion Ratio Lower Upper

43 100

58 8.3 0.0 53.0



#15

Methyl Acetate

Concen: 2.446 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

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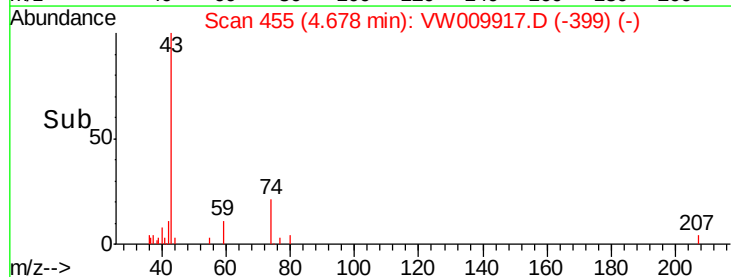
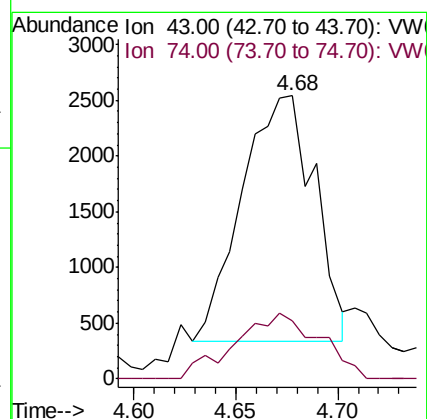
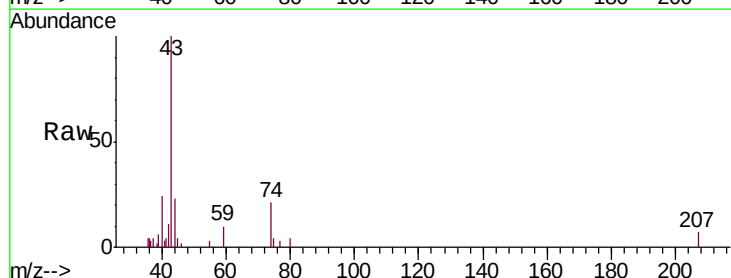
Acq: 11 Apr 2019 16:17

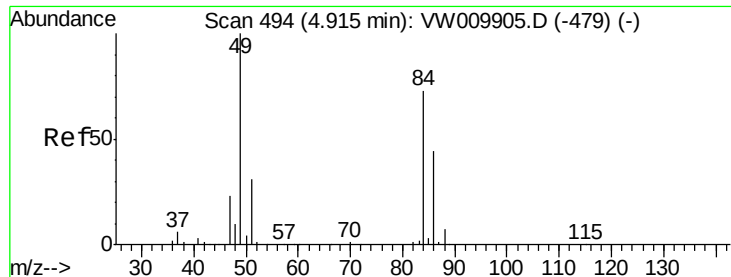
Tgt Ion: 43 Resp: 5479

Ion Ratio Lower Upper

43 100

74 16.9 17.2 25.8#

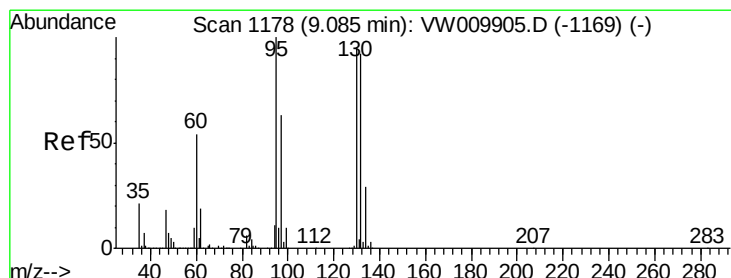
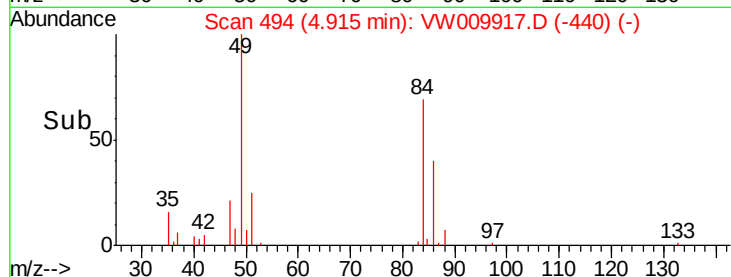
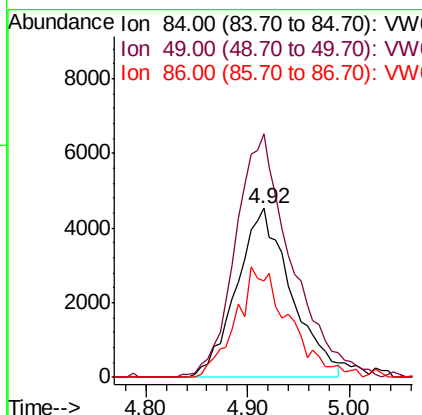
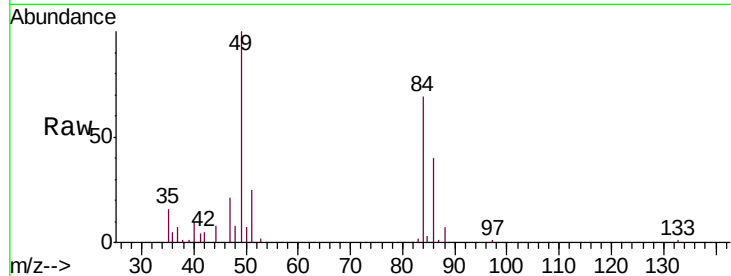




#16
Methylene chloride
Concen: 3.539 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
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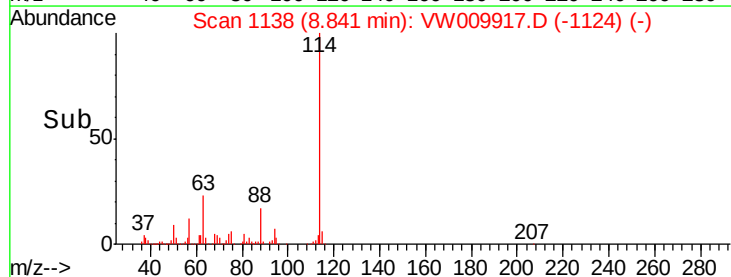
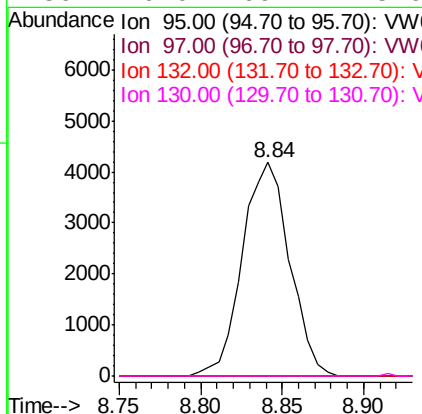
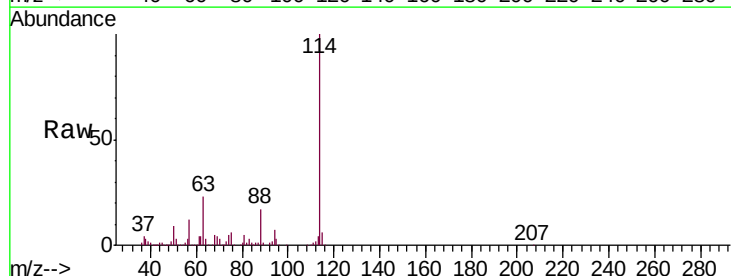
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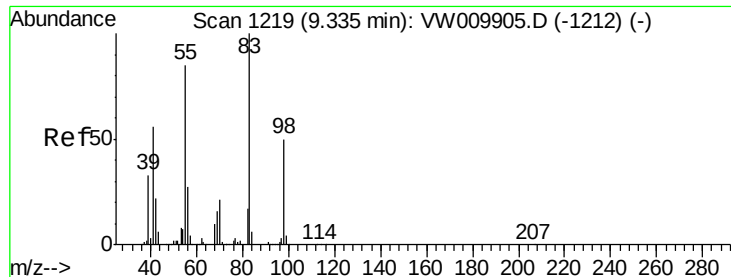
Tgt Ion: 84 Resp: 16843
Ion Ratio Lower Upper
84 100
49 144.0 98.3 182.5
86 57.2 46.4 86.2



#35
Trichloroethene
Concen: 2.431 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
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Tgt Ion: 95 Resp: 8433
Ion Ratio Lower Upper
95 100
97 0.9 44.9 83.5#
132 0.0 67.1 124.7#
130 0.0 69.2 128.6#

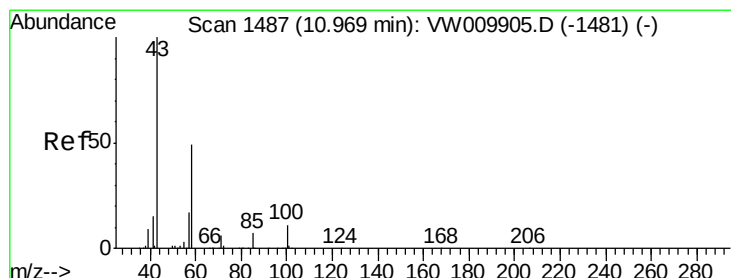
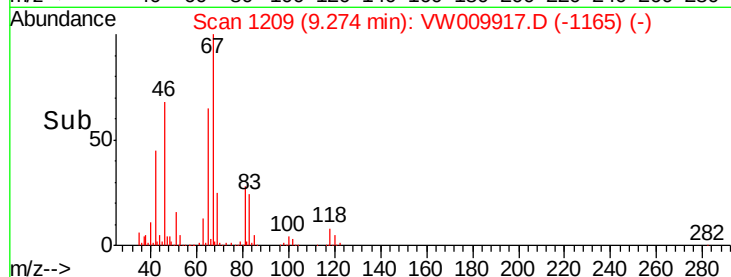
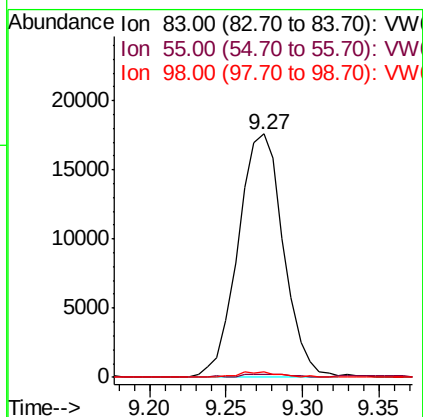
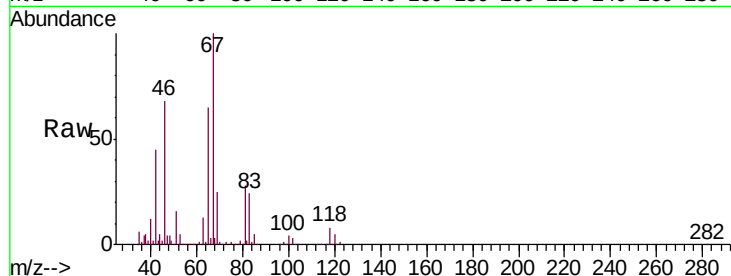




#36
Methylcyclohexane
Concen: 6.346 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW009917.D
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Instrument :
MSVOA_W
ClientSampleId :
BF8B1

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	66.3	99.5#
98	2.0	39.4	59.0#



#49
2-Hexanone
Concen: 4.105 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
43	100		
58	10.3	38.9	58.3#
57	3.4	13.8	20.6#
100	2.1	8.6	13.0#

