

Data File : VW011285.D
Acq On : 16 Jul 2019 14:51
Operator : SY/VA
Sample : K3798-10
Misc : 5.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H7

Quant Time: Jul 17 07:24:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	43313	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	38407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	12391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11322	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.48%
7) Chloroethane-d5	3.05	69	120	0.26	ug/L	0.17
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1.04%#
10) 1,1-Dichloroethene-d2	4.01	63	21805	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	14754	56.63	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.26%
24) Chloroform-d	7.65	84	29961	25.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	8.31	65	20470	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.00%
29) Benzene-d6	8.27	84	56629	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	20833	27.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.16%
37) Toluene-d8	10.32	98	44321	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.08%
38) trans-1,3-Dichloropropene-	10.58	79	7281	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	10918	61.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	21007	32.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	11814	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

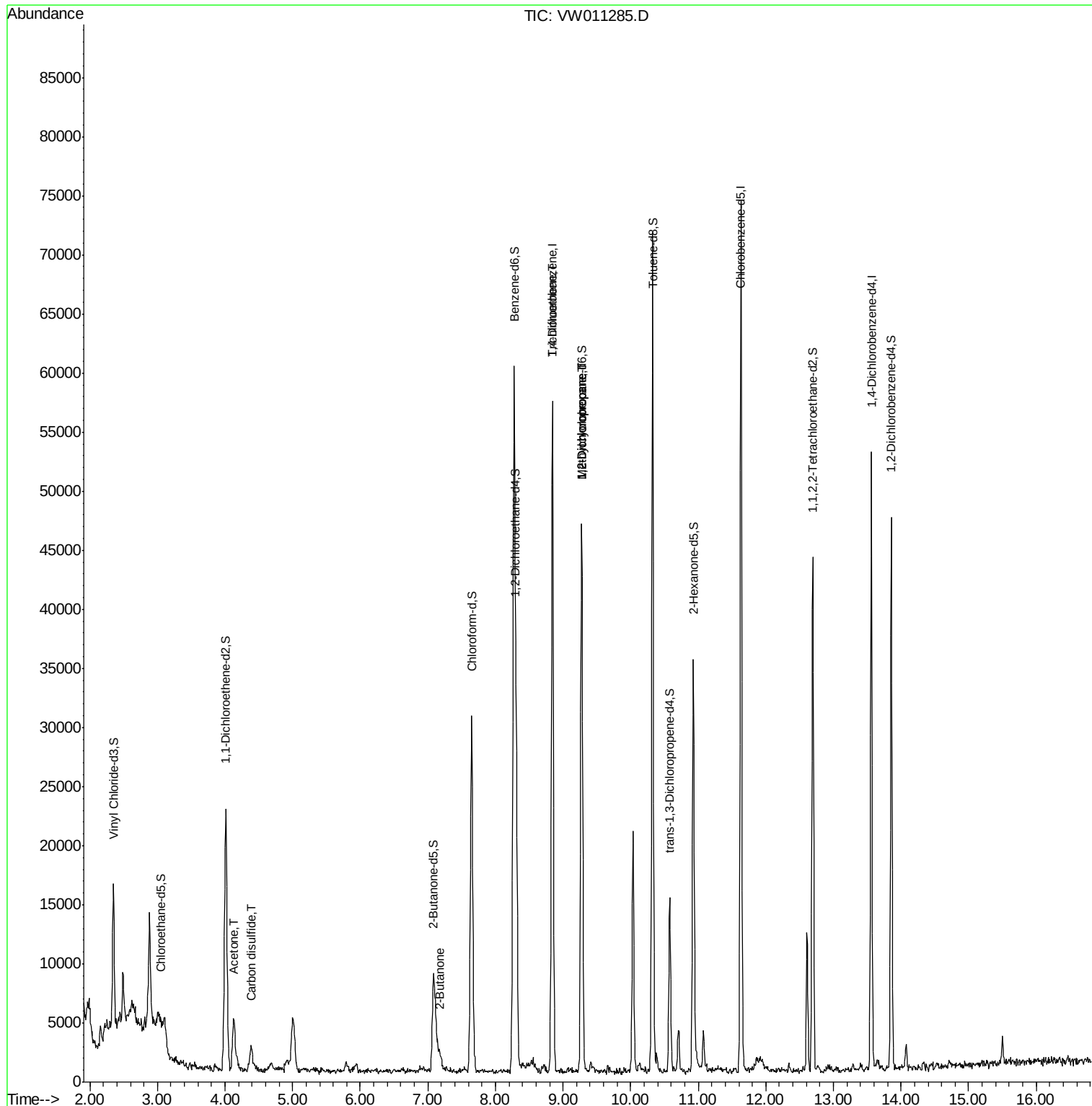
					Qvalue
13) Acetone	4.12	43	8792	34.551 ug/L	98
14) Carbon disulfide	4.38	76	2006	1.232 ug/L #	88
21) 2-Butanone	7.18	43	1325	4.034 ug/L	80
35) Trichloroethene	8.85	95	1509	2.491 ug/L #	6
36) Methylcyclohexane	9.27	83	4708	4.319 ug/L #	13
40) 1,2-Dichloropropane	9.27	63	2452	3.728 ug/L #	88

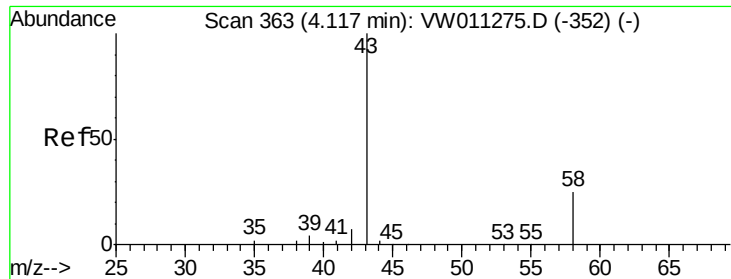
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.551 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 16 Jul 2019 14:51

Instrument :

MSVOA_W

ClientSampled :

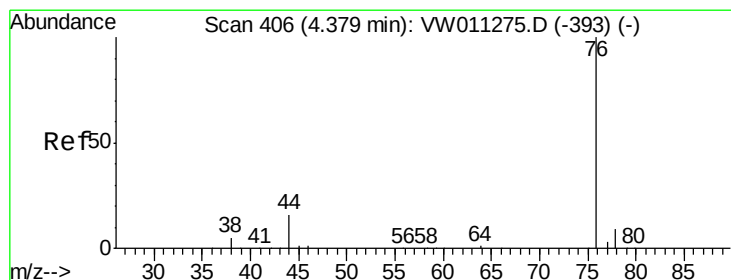
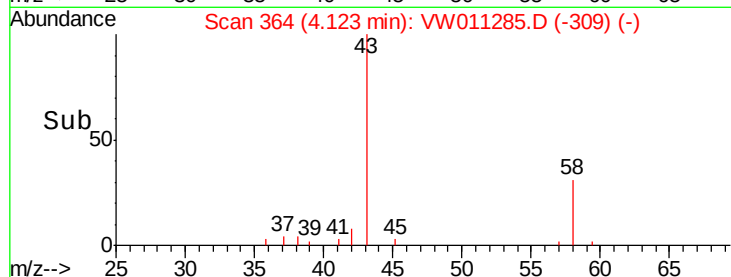
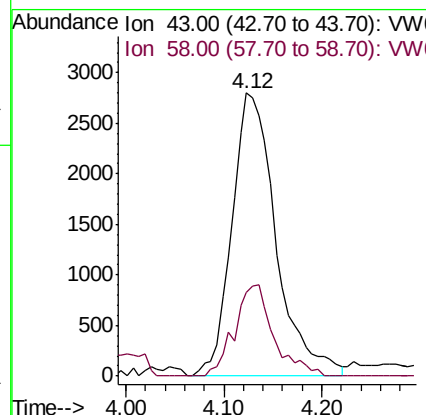
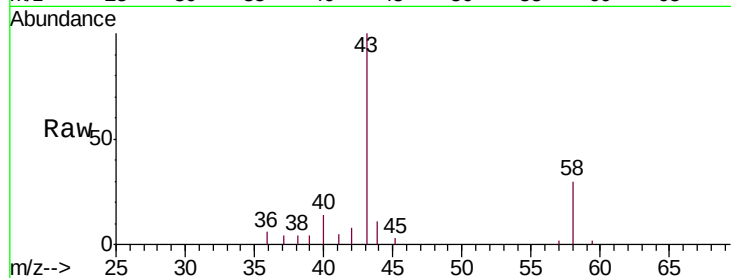
A52H7

Tgt Ion: 43 Resp: 8792

Ion Ratio Lower Upper

43 100

58 28.6 0.0 55.0



#14

Carbon disulfide

Concen: 1.232 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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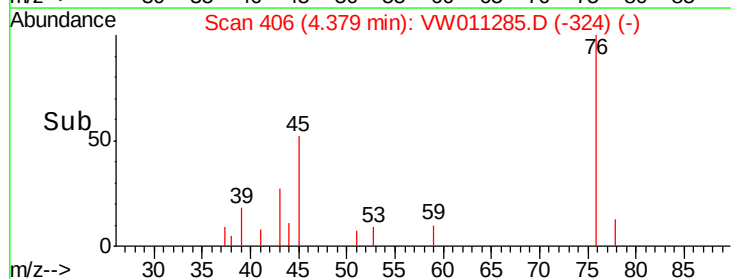
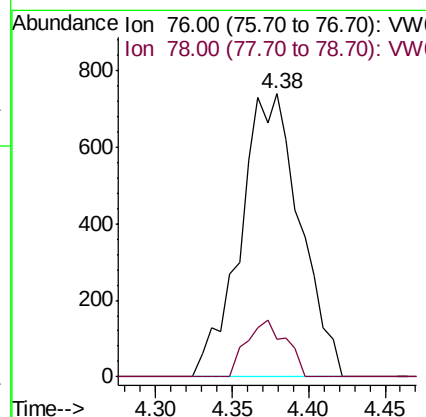
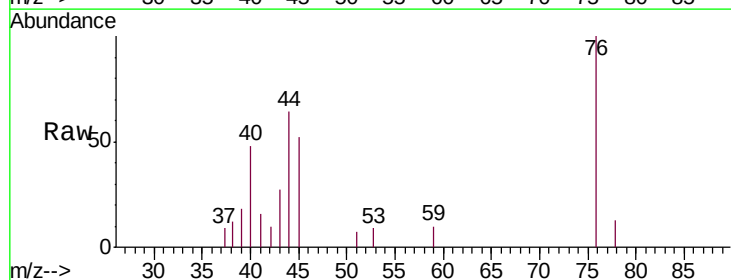
Acq: 16 Jul 2019 14:51

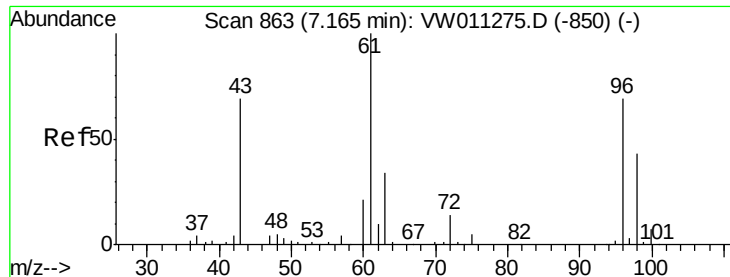
Tgt Ion: 76 Resp: 2006

Ion Ratio Lower Upper

76 100

78 13.4 7.3 10.9#





#21

2-Butanone

Concen: 4.034 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

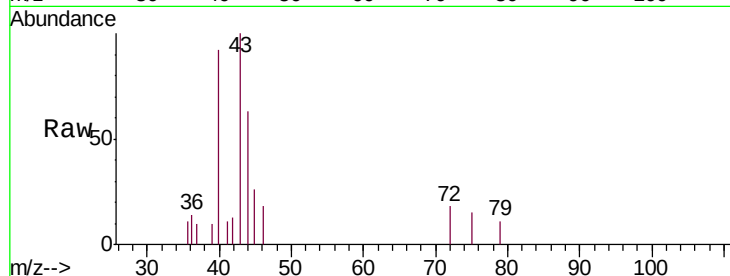
A52H7

Tgt Ion: 43 Resp: 1325

Ion Ratio Lower Upper

43 100

72 12.9 11.2 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

600

500

400

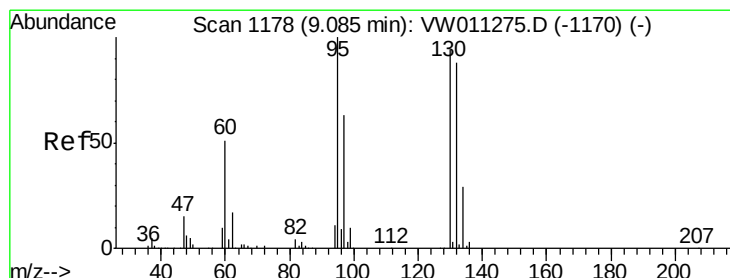
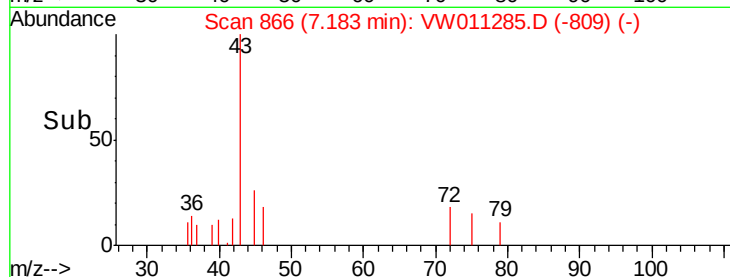
300

200

100

0

Time-->



#35

Trichloroethene

Concen: 2.491 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 1509

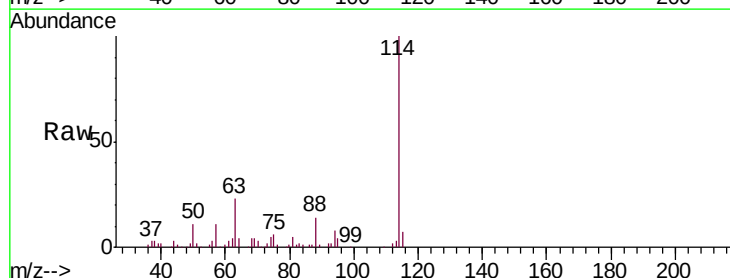
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 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

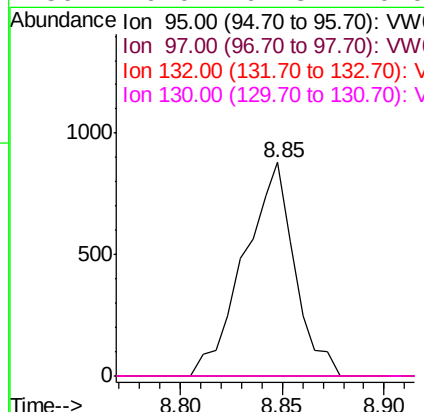
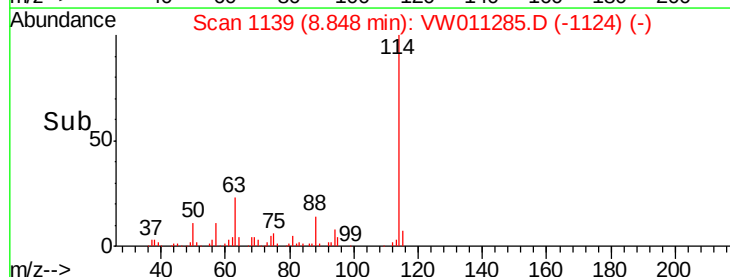
Ion 130.00 (129.70 to 130.70): V

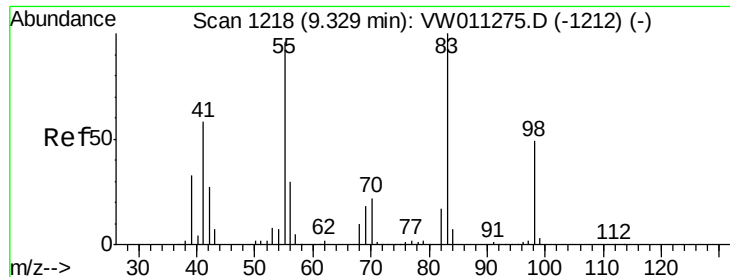
1000

500

0

Time-->

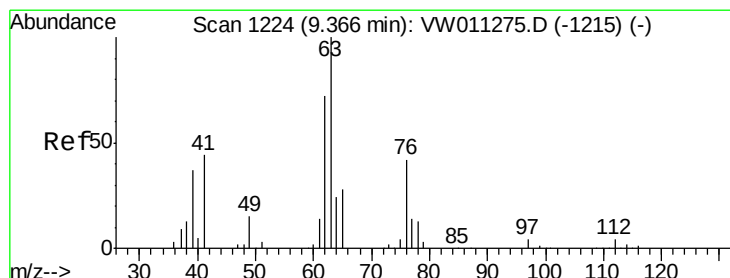
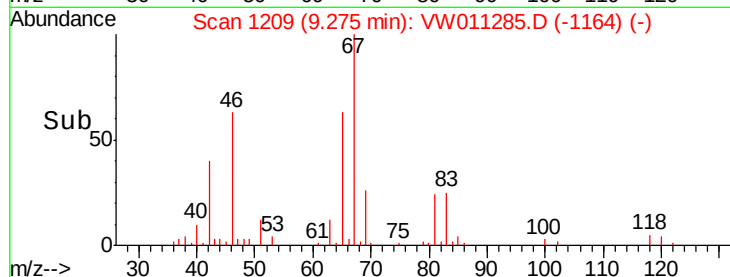
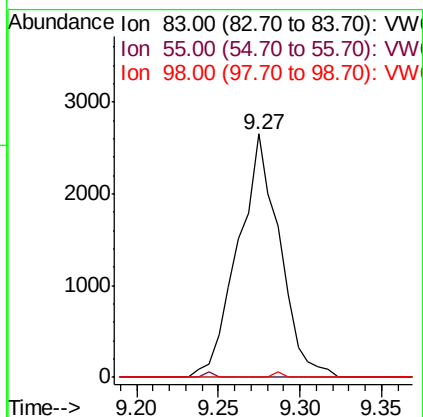
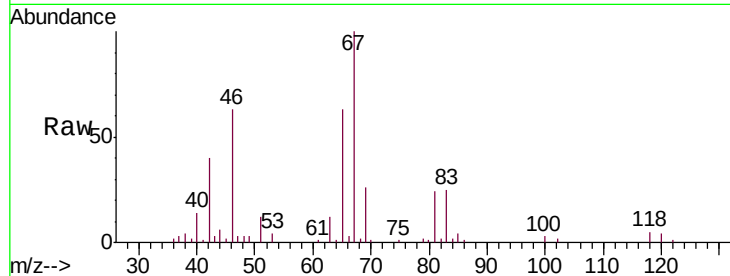




#36
Methylcyclohexane
Concen: 4.319 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
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MSVOA_W
ClientSampleId :
A52H7

Tgt Ion: 83 Resp: 4708
Ion Ratio Lower Upper
83 100
55 0.8 72.2 108.4#
98 0.0 38.2 57.4#



#40
1,2-Dichloropropane
Concen: 3.728 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW011285.D
Acq: 16 Jul 2019 14:51

Tgt Ion: 63 Resp: 2452
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

