

Data File : VW010941.D
Acq On : 24 Jun 2019 20:22
Operator : SY/VA
Sample : K3456-07
Misc : 3.47G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX7

Quant Time: Jun 25 02:50:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	196536	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221563	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	25241	9.91	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.64%
7) Chloroethane-d5	2.89	69	28774	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
10) 1,1-Dichloroethene-d2	4.02	63	53995	8.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.88%#
20) 2-Butanone-d5	7.08	46	51424	42.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.98%
24) Chloroform-d	7.65	84	142014	26.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.16%
26) 1,2-Dichloroethane-d4	8.44	65	75	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	267670	20.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.48%
33) 1,2-Dichloropropane-d6	9.27	67	115200	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.84%
37) Toluene-d8	10.32	98	237967	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.32%
38) trans-1,3-Dichloropropene-	10.58	79	36529	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.12%
39) 2-Hexanone-d5	10.93	63	10922	11.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117563	32.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	105850	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

Target Compounds

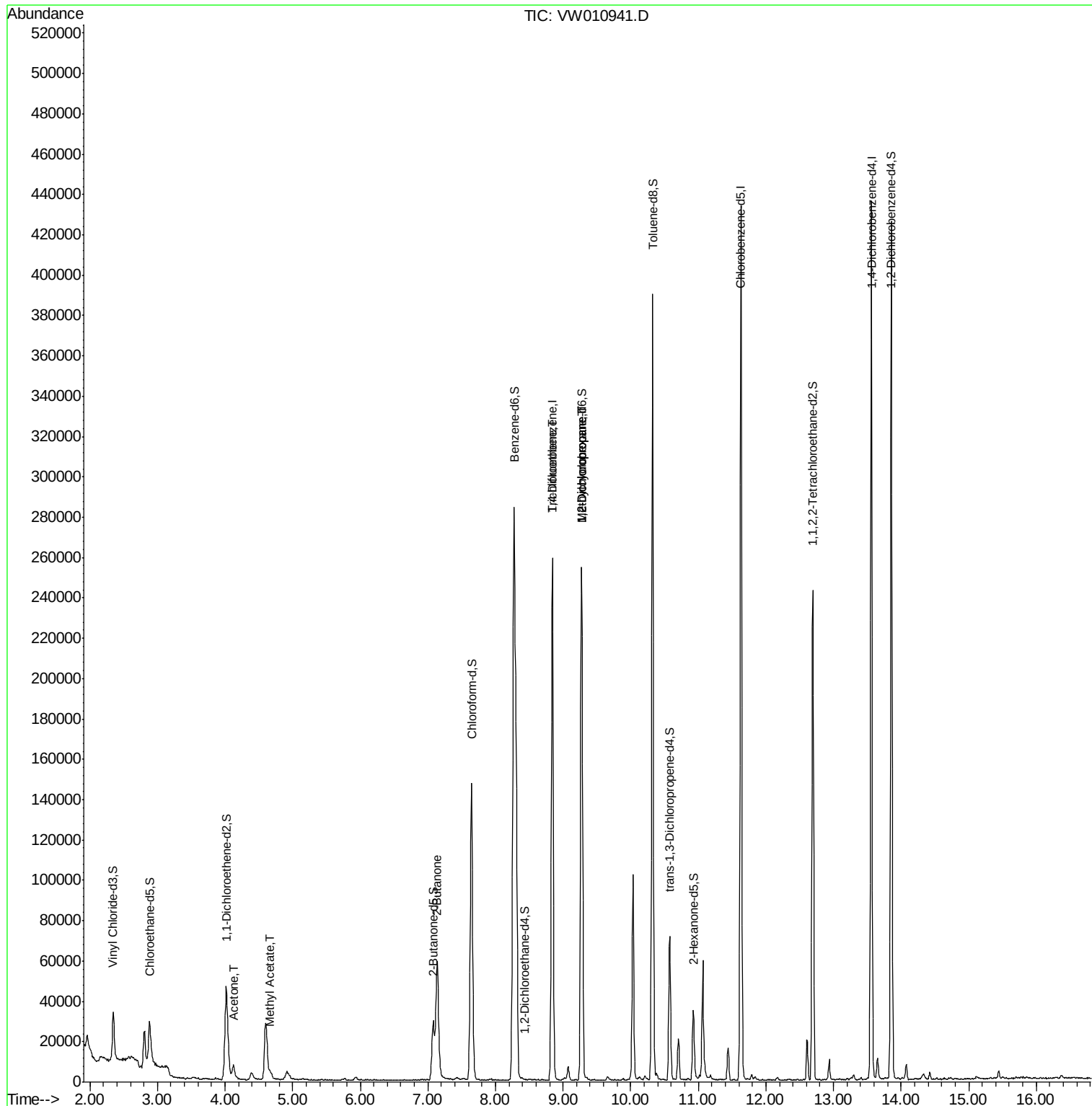
					Qvalue
13) Acetone	4.12	43	12524	10.932	ug/L 96
15) Methyl Acetate	4.67	43	7284	3.673	ug/L # 82
21) 2-Butanone	7.14	43	4924	3.268	ug/L # 64
35) Trichloroethene	8.84	95	6364	1.724	ug/L # 7
36) Methylcyclohexane	9.27	83	26374	3.892	ug/L # 13
40) 1,2-Dichloropropane	9.27	63	13474	3.362	ug/L # 88

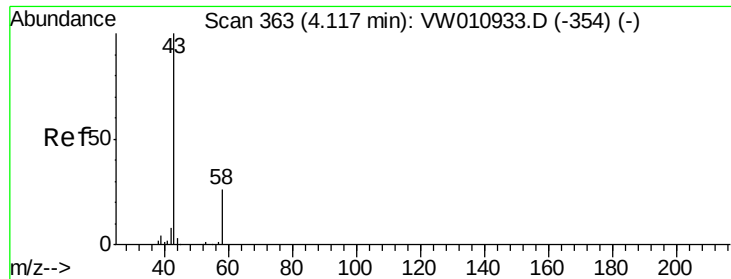
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.932 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

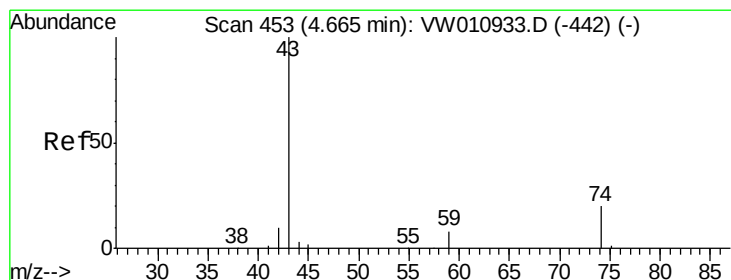
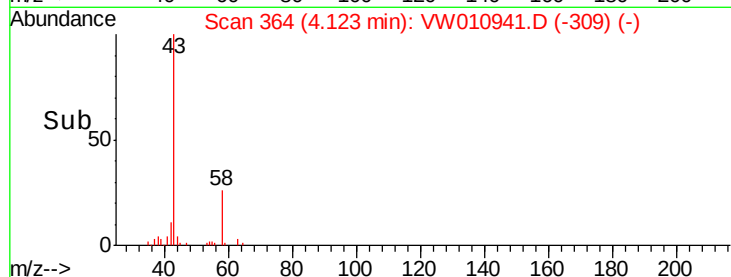
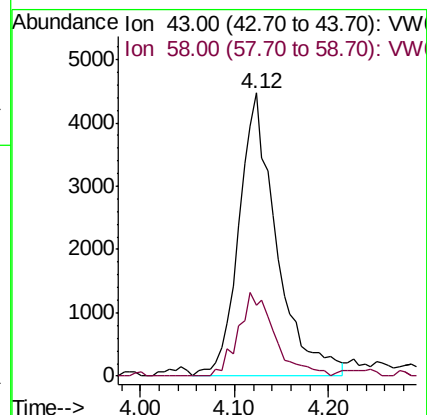
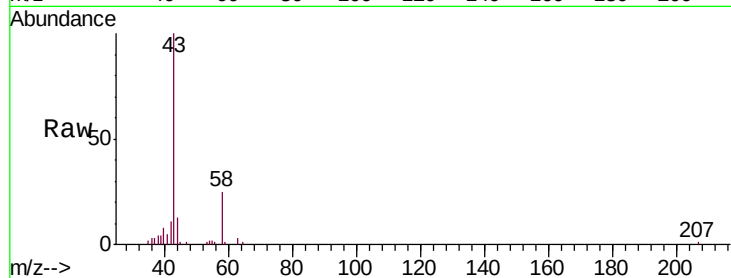
YANX7

Tgt Ion: 43 Resp: 12524

Ion Ratio Lower Upper

43 100

58 28.5 0.0 53.2



#15

Methyl Acetate

Concen: 3.673 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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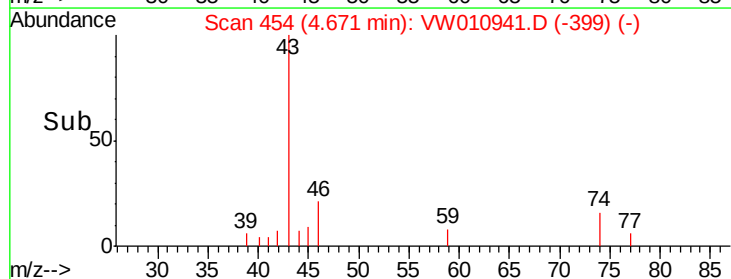
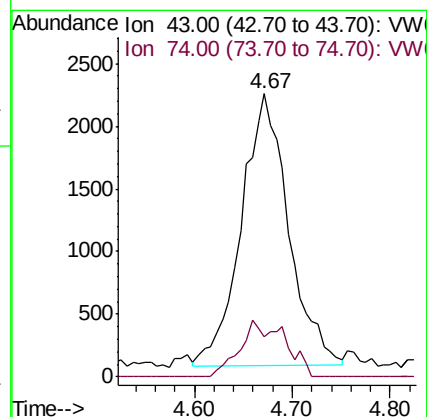
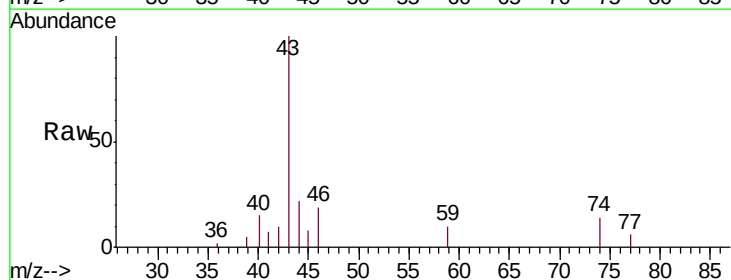
Acq: 24 Jun 2019 20:22

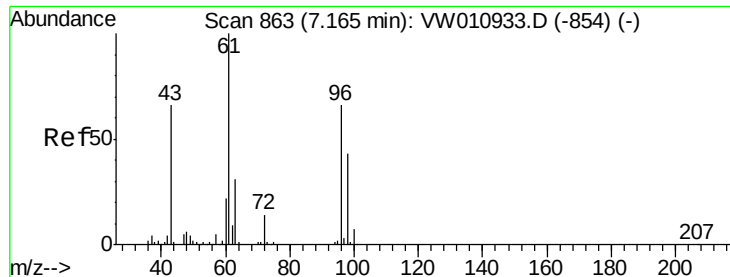
Tgt Ion: 43 Resp: 7284

Ion Ratio Lower Upper

43 100

74 10.7 15.3 22.9#





#21

2-Butanone

Concen: 3.268 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

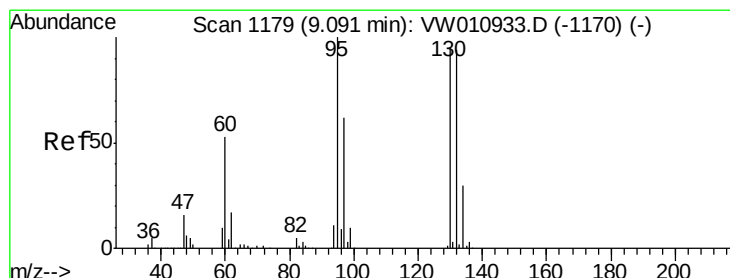
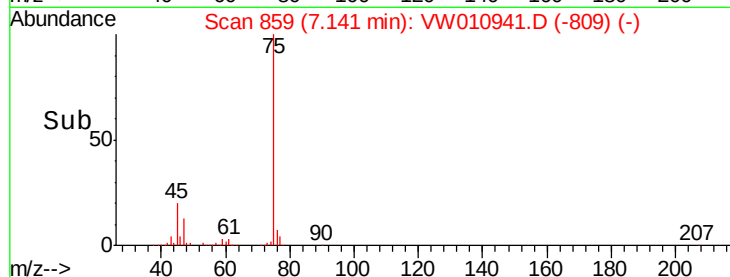
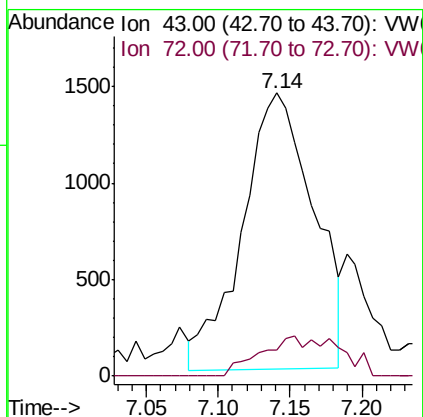
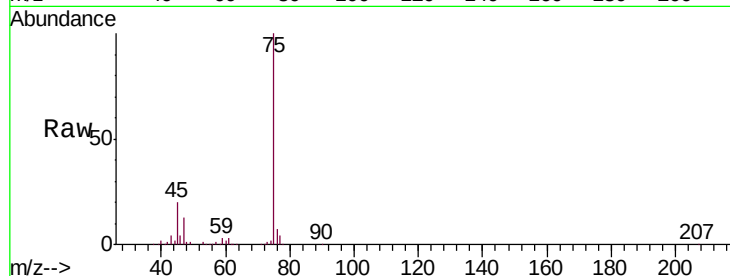
YANX7

Tgt Ion: 43 Resp: 4924

Ion Ratio Lower Upper

43 100

72 4.7 10.9 32.6#



#35

Trichloroethene

Concen: 1.724 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 6364

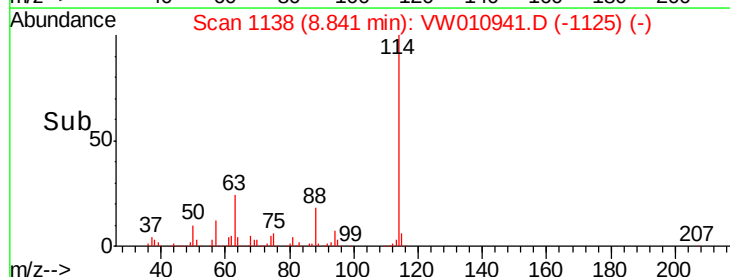
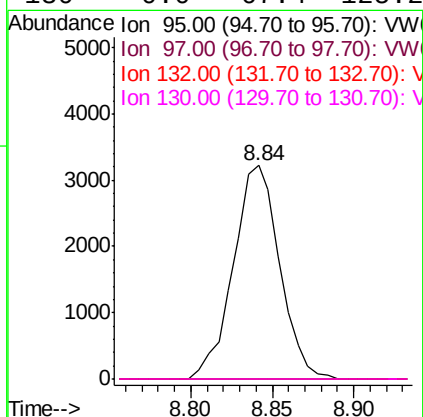
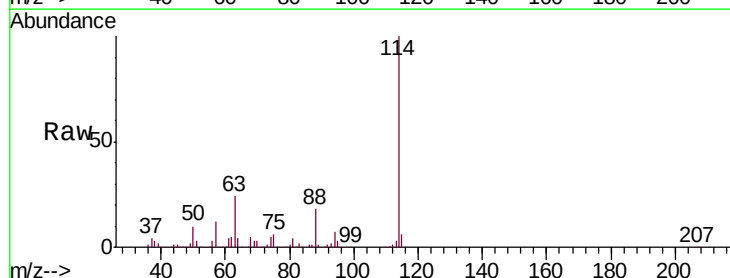
Ion Ratio Lower Upper

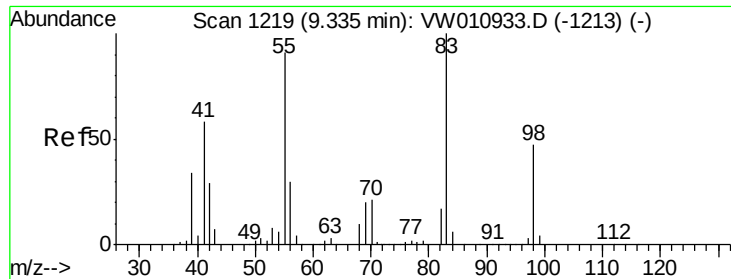
95 100

97 0.0 44.9 83.3#

132 1.2 64.0 119.0#

130 0.0 67.4 125.2#

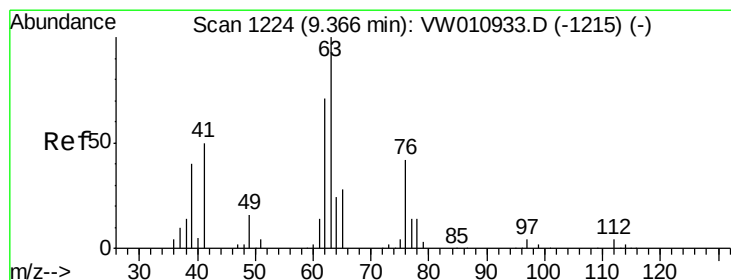
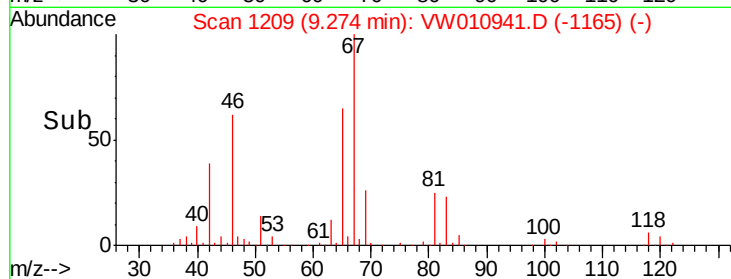
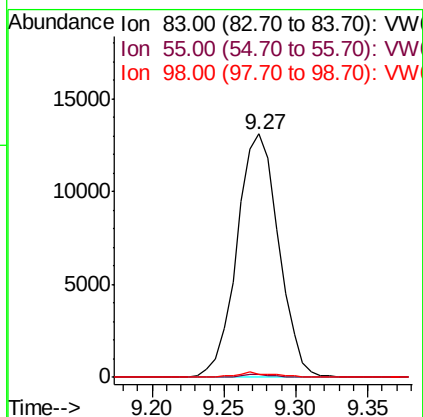
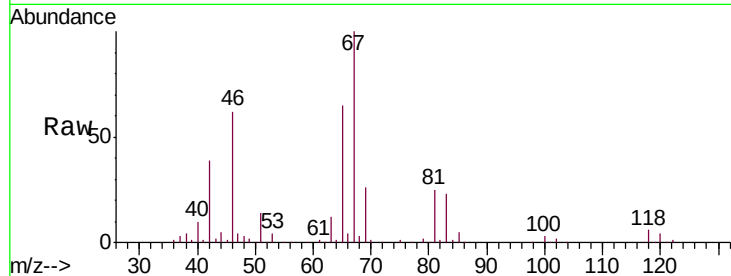




#36
Methylcyclohexane
Concen: 3.892 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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YANX7

Tgt Ion: 83 Resp: 26374
Ion Ratio Lower Upper
83 100
55 0.0 72.2 108.2#
98 0.7 37.8 56.8#



#40
1,2-Dichloropropane
Concen: 3.362 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW010941.D
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Tgt Ion: 63 Resp: 13474
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

