

Data File : VW017361.D
Acq On : 19 Nov 2020 11:05
Operator : SY/VA
Sample : L4739-21
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 20 01:19:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	342009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113728	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	2.90	69	93034	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.03	63	148684	16.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.16%
20) 2-Butanone-d5	7.08	46	37052	44.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.12%
24) Chloroform-d	7.65	84	204968	22.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	8.31	65	101068	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.12%
29) Benzene-d6	8.28	84	406425	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.28	67	109266	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.84%
37) Toluene-d8	10.33	98	382133	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.92%
38) trans-1,3-Dichloropropene-	10.58	79	44834	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	27543	43.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82894	22.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	130801	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds

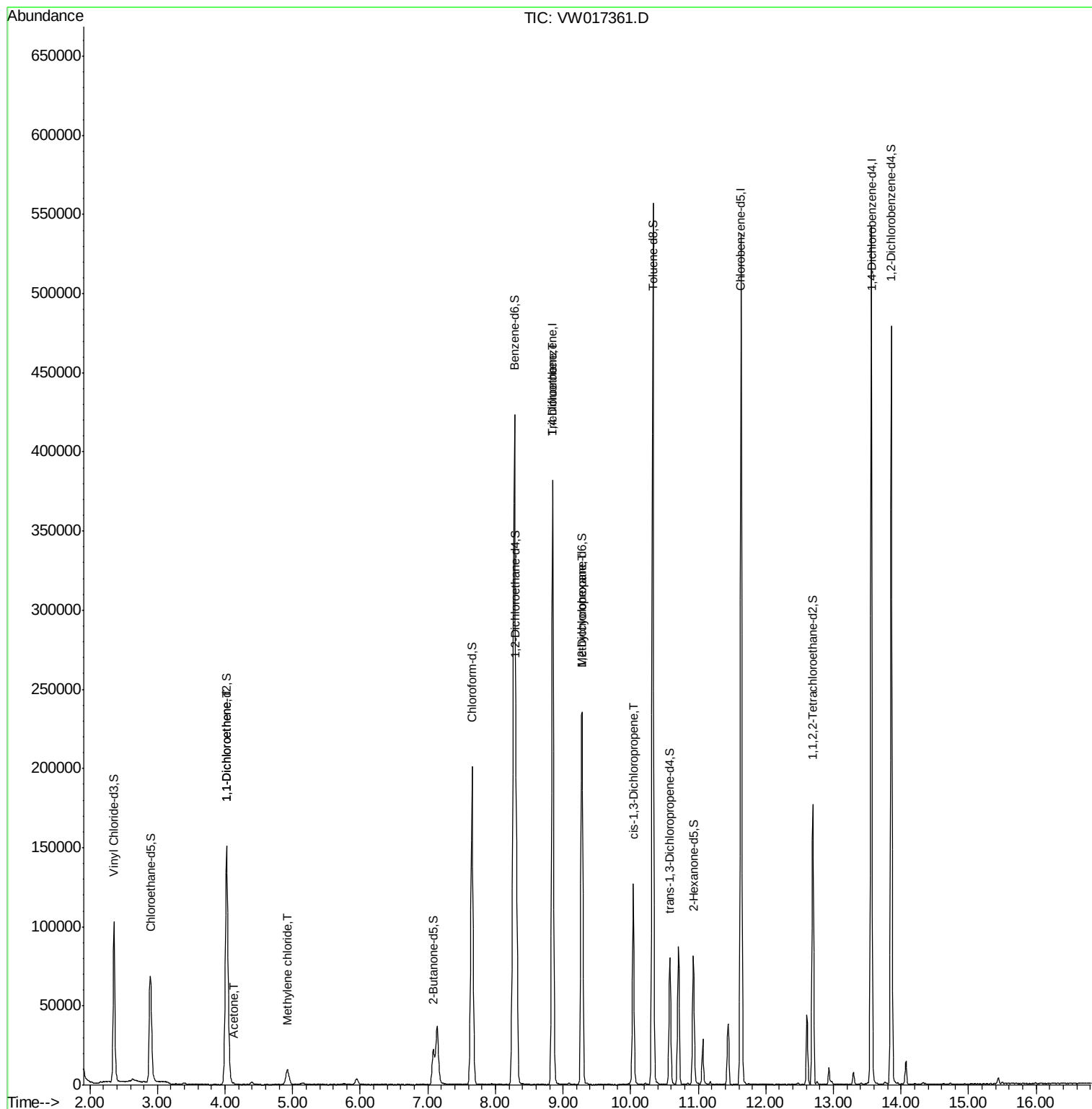
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1322	0.294 ug/L #	1
13) Acetone	4.13	43	270	0.445 ug/L	78
16) Methylene chloride	4.92	84	7743	1.324 ug/L	87
35) Trichloroethene	8.85	95	10329	2.040 ug/L #	3
36) Methylcyclohexane	9.27	83	28986	3.583 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	3659	0.582 ug/L	83

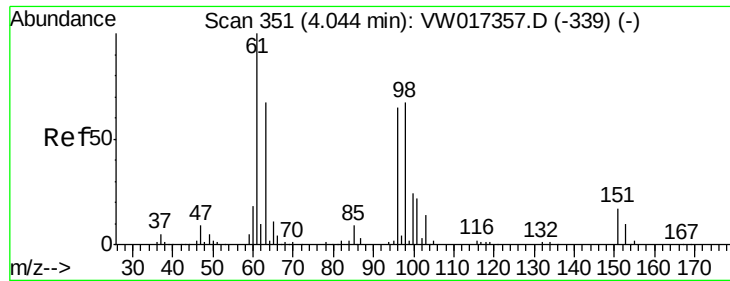
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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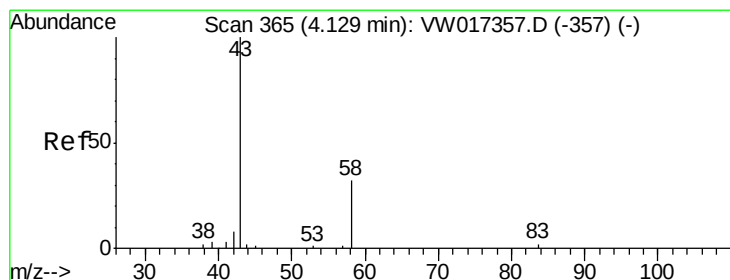
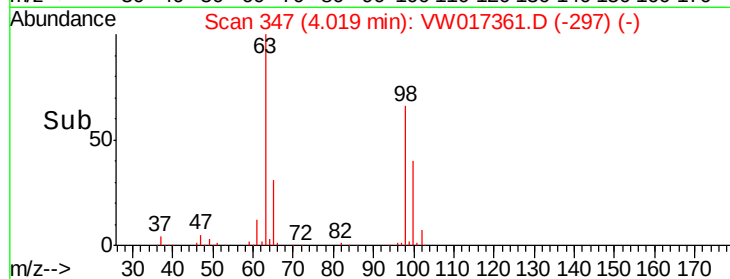
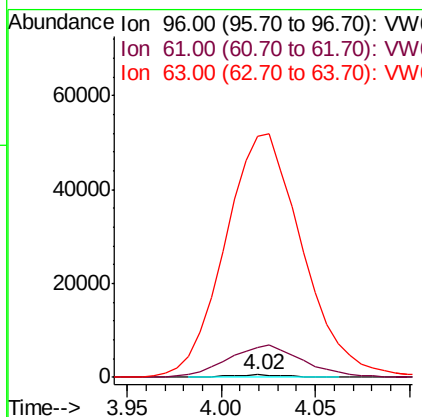
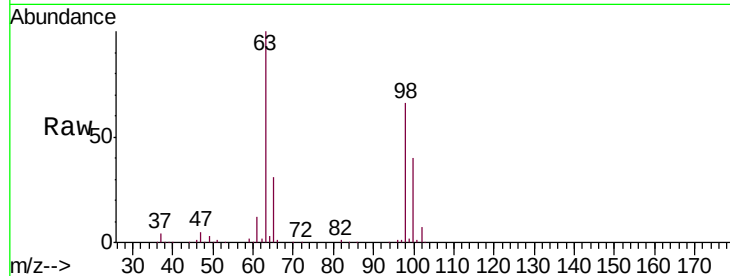




#12
 1,1-Dichloroethene
 Concen: 0.294 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017361.D
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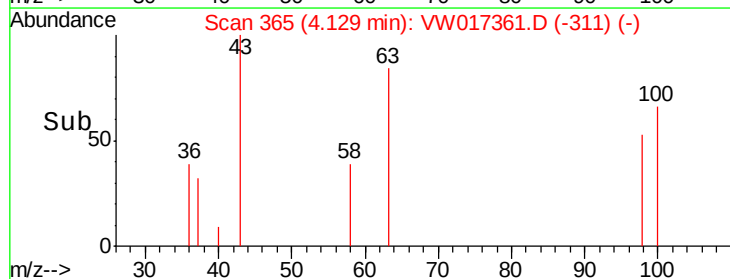
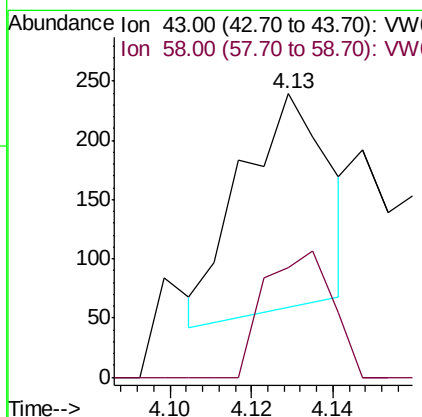
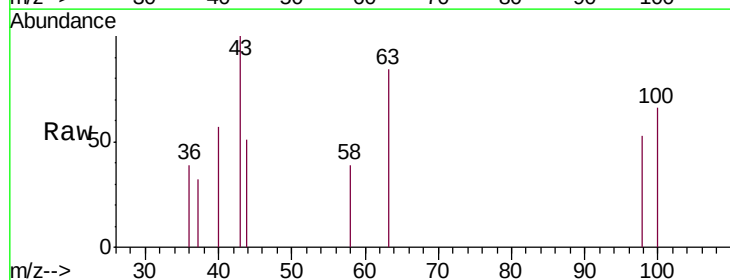
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 VHBLK01

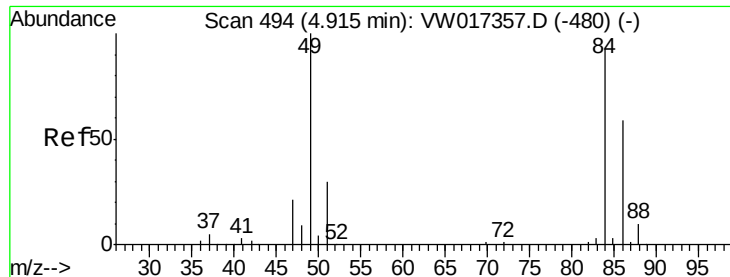
Tgt Ion: 96 Resp: 1322
 Ion Ratio Lower Upper
 96 100
 61 1085.1 104.7 194.4#
 63 8707.8 69.6 129.2#



#13
 Acetone
 Concen: 0.445 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW017361.D
 Acq: 19 Nov 2020 11:05

Tgt Ion: 43 Resp: 270
 Ion Ratio Lower Upper
 43 100
 58 45.9 0.0 67.0

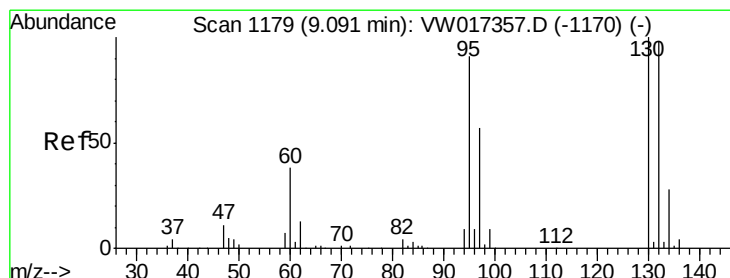
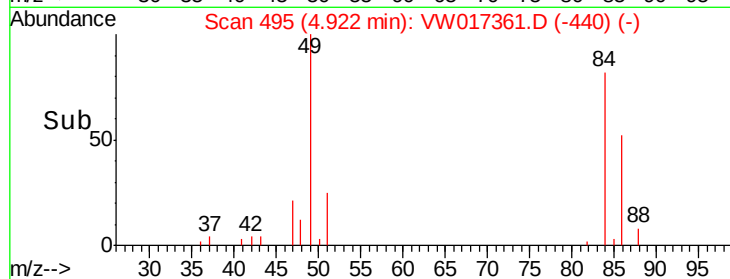
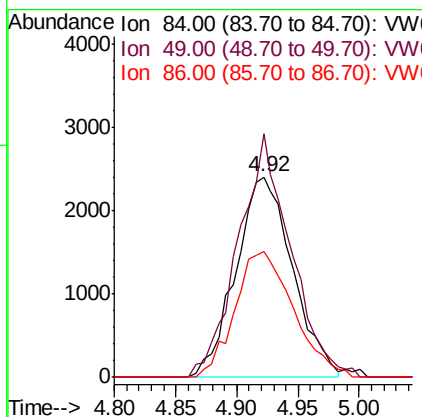
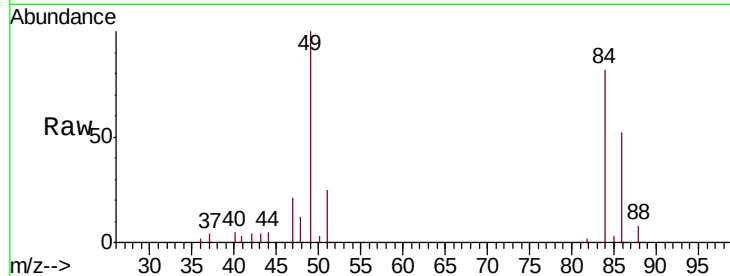




#16
Methylene chloride
Concen: 1.324 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017361.D
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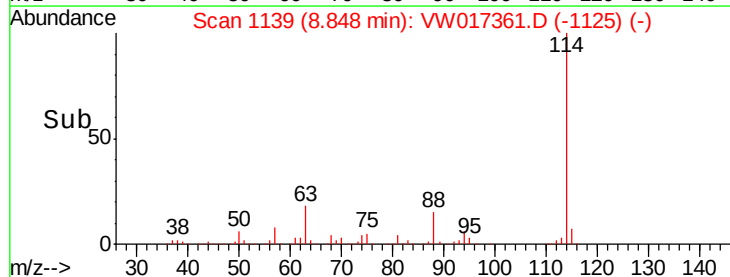
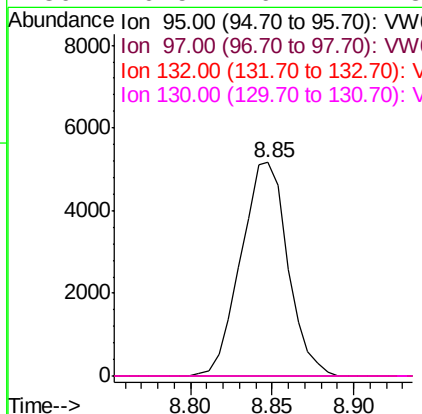
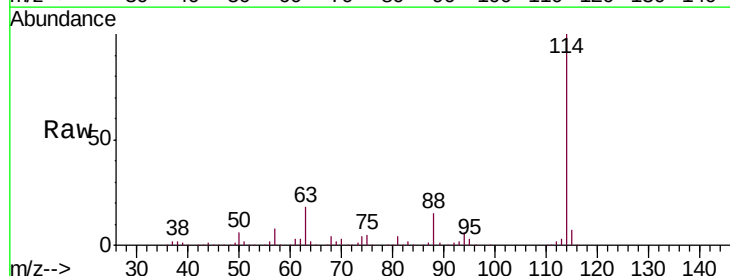
Instrument :
MSVOA_W
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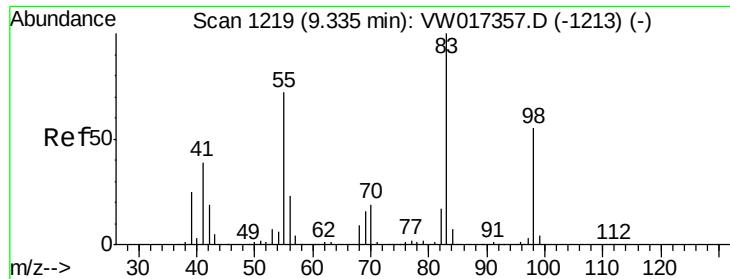
Tgt Ion: 84 Resp: 7743
Ion Ratio Lower Upper
84 100
49 121.7 71.5 132.9
86 62.8 42.8 79.4



#35
Trichloroethene
Concen: 2.040 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
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Tgt Ion: 95 Resp: 10329
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.5 72.7 134.9#
130 0.5 76.1 141.3#

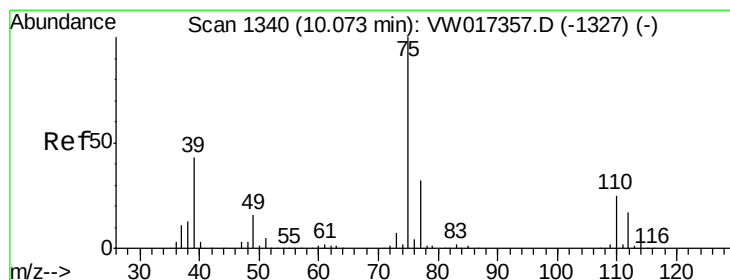
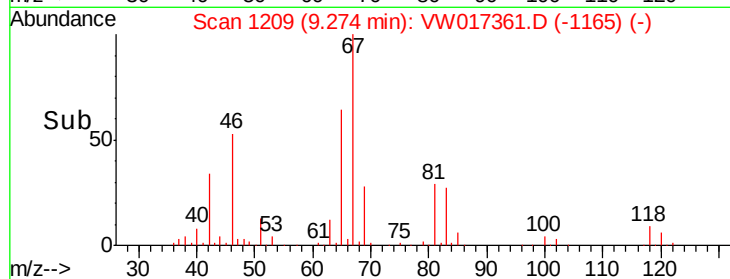
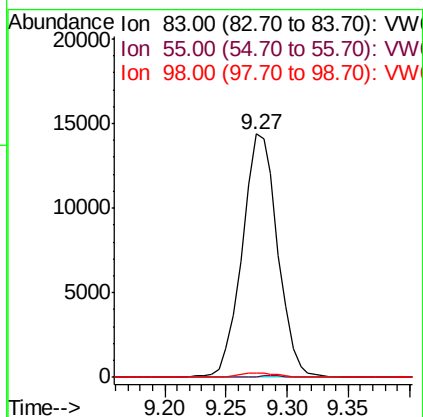
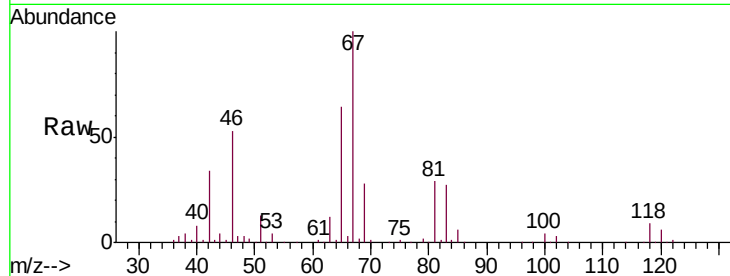




#36
Methylcyclohexane
Concen: 3.583 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 28986
Ion Ratio Lower Upper
83 100
55 0.4 54.6 81.8#
98 1.8 41.5 62.3#



#42
cis-1,3-Dichloropropene
Concen: 0.582 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017361.D
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Tgt Ion: 75 Resp: 3659
Ion Ratio Lower Upper
75 100
77 40.4 21.8 40.4

