

Data File : VW013813.D
Acq On : 30 Oct 2019 00:46
Operator : SY/VA
Sample : K5565-09
Misc : 4.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNB5

Quant Time: Oct 30 08:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	200634	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	208242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53538	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.00%
7) Chloroethane-d5	2.89	69	48973	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
10) 1,1-Dichloroethene-d2	4.01	63	88943	16.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.07	46	50012	56.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.60%
24) Chloroform-d	7.65	84	147745	26.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	8.41	65	66	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	303275	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
33) 1,2-Dichloropropane-d6	9.27	67	98361	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.28%
37) Toluene-d8	10.32	98	278736	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
38) trans-1,3-Dichloropropene-	10.58	79	42107	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	39230	54.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83196	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	109032	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

Target Compounds

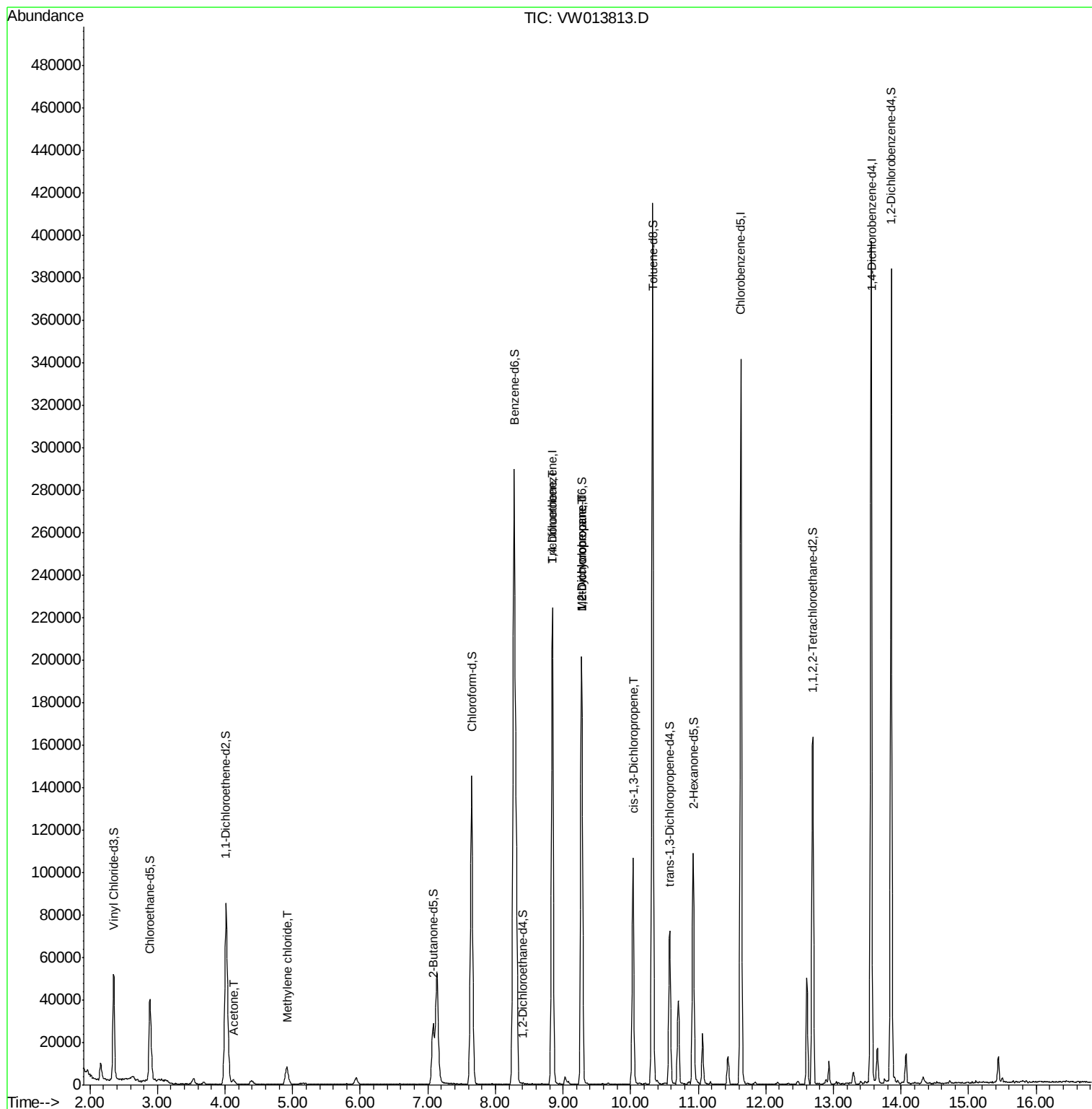
					Qvalue
13) Acetone	4.13	43	2712	2.775 ug/L	89
16) Methylene chloride	4.91	84	6771	1.762 ug/L	76
35) Trichloroethene	8.84	95	5730	1.495 ug/L #	2
36) Methylcyclohexane	9.27	83	23287	3.446 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	10445	2.859 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	2300	0.399 ug/L #	65

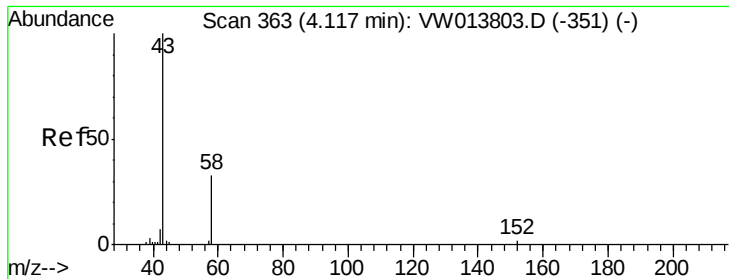
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.775 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 30 Oct 2019 00:46

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MSVOA_W

ClientSampleId :

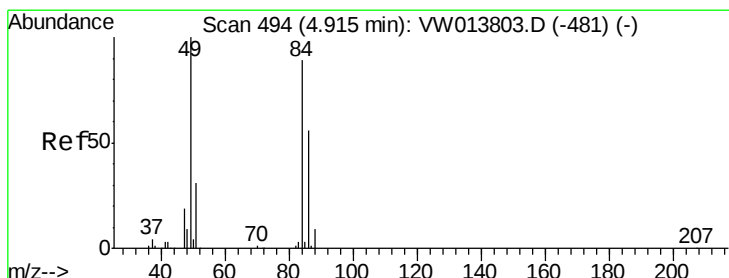
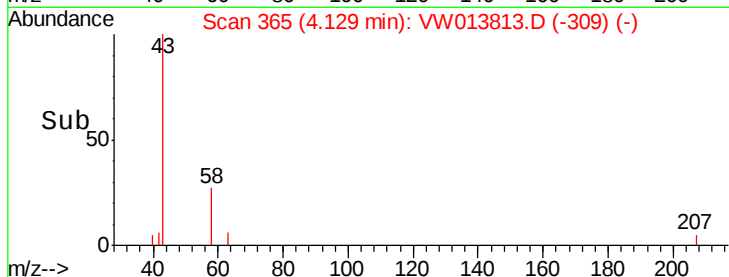
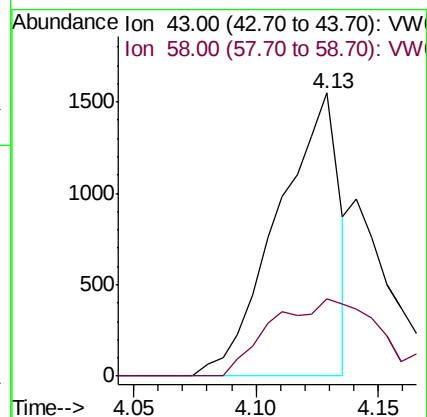
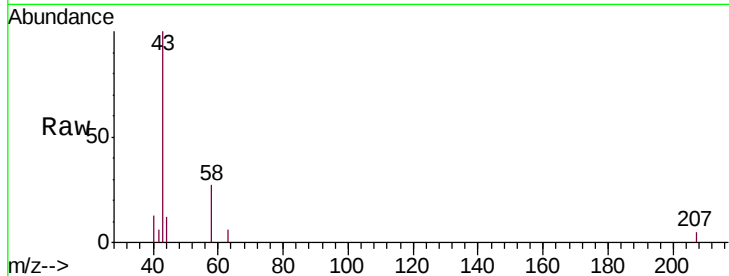
JLNB5

Tgt Ion: 43 Resp: 2712

Ion Ratio Lower Upper

43 100

58 28.9 0.0 70.4



#16

Methylene chloride

Concen: 1.762 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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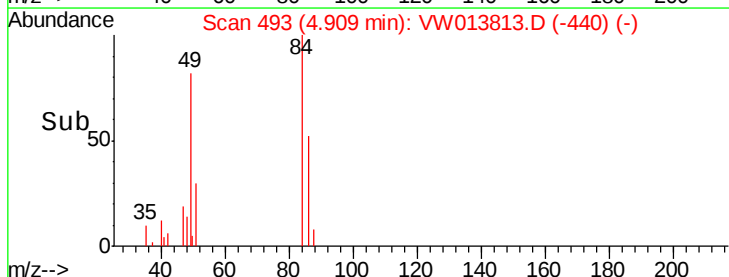
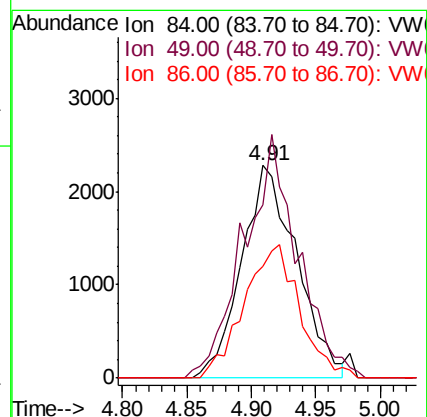
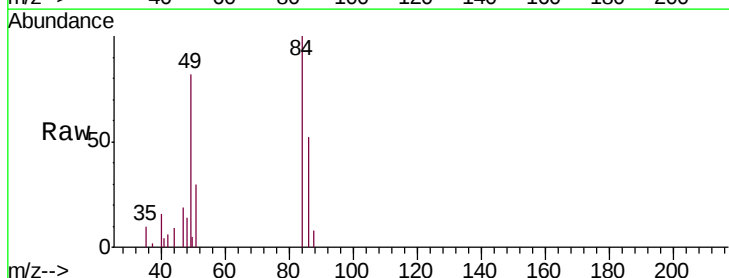
Tgt Ion: 84 Resp: 6771

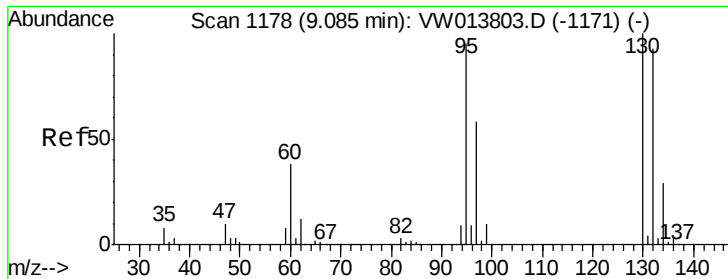
Ion Ratio Lower Upper

84 100

49 81.8 80.2 148.9

86 52.4 42.7 79.3

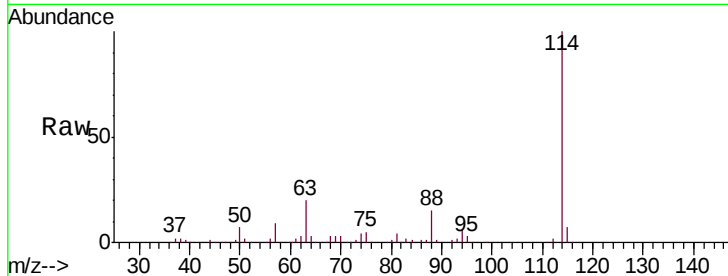




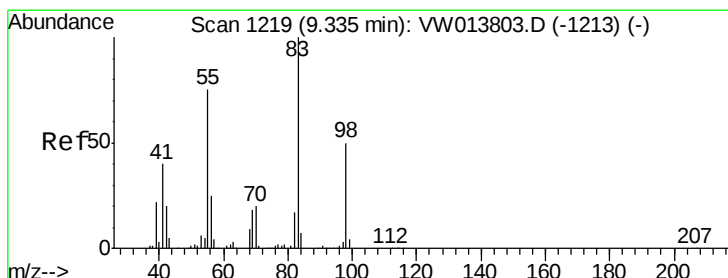
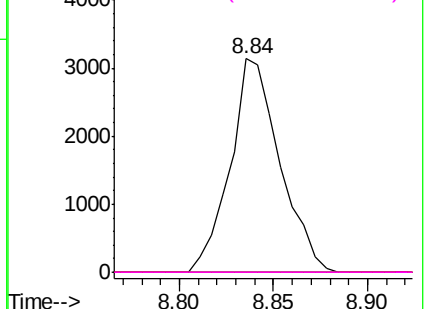
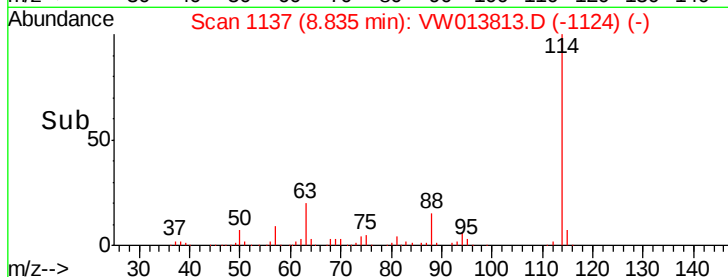
#35
 Trichloroethene
 Concen: 1.495 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.25 min
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Instrument :
 MSVOA_W
 ClientSampleID :
 JLNBS

Tgt Ion: 95 Resp: 5730
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.2#
 132 0.0 74.3 138.1#
 130 0.0 76.6 142.3#

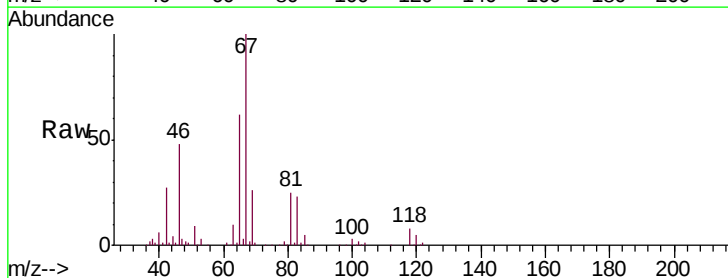


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

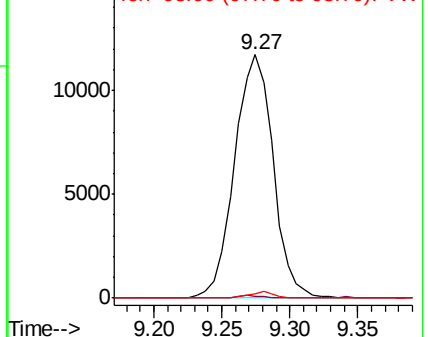
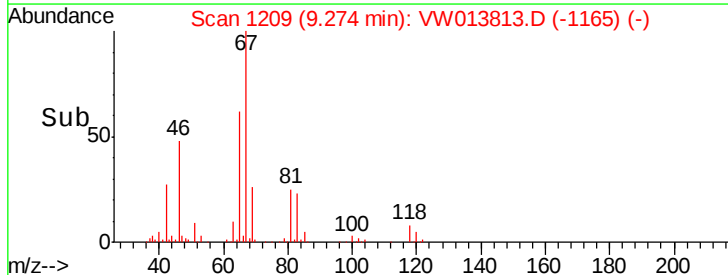


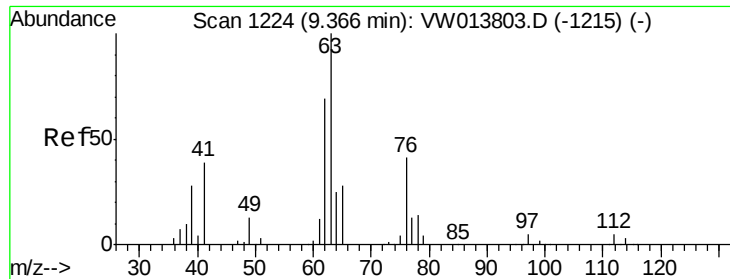
#36
 Methylcyclohexane
 Concen: 3.446 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW013813.D
 Acq: 30 Oct 2019 00:46

Tgt Ion: 83 Resp: 23287
 Ion Ratio Lower Upper
 83 100
 55 0.6 60.2 90.4#
 98 1.7 39.1 58.7#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

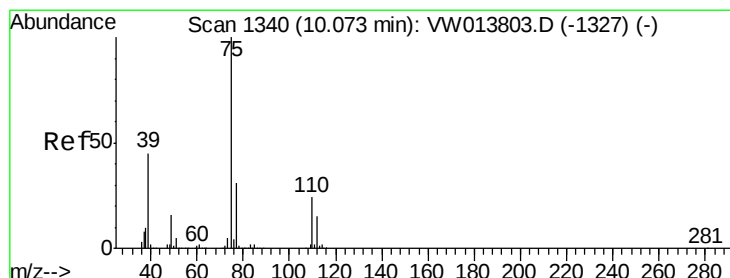
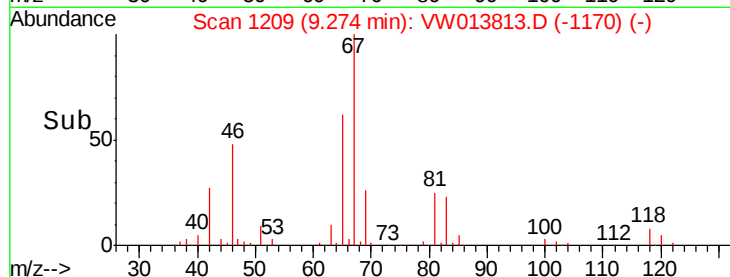
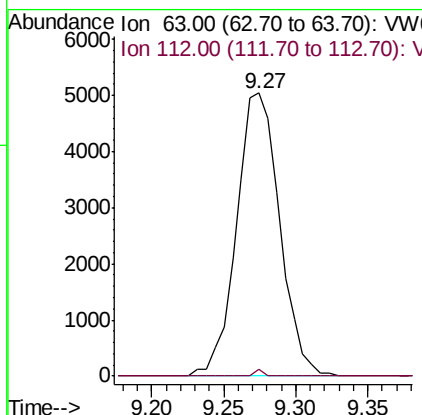
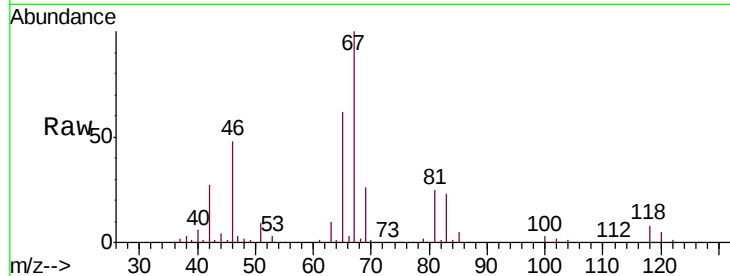




#40
 1,2-Dichloropropane
 Concen: 2.859 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW013813.D
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Instrument :
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 ClientSampleId :
 JLNBS

Tgt Ion: 63 Resp: 10445
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.399 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013813.D
 Acq: 30 Oct 2019 00:46

Tgt Ion: 75 Resp: 2300
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.5 41.9#

