

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004373.D
 Acq On : 01 Aug 2018 13:36
 Operator : SY/AP
 Sample : J4204-13
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 02 03:57:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	85701	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	79686	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	24352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19514	29.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.88%
7) Chloroethane-d5	2.89	69	21256	32.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.88%
10) 1,1-Dichloroethene-d2	4.01	63	31304	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.96%
20) 2-Butanone-d5	7.10	46	240	0.58	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.16%#
24) Chloroform-d	7.65	84	66988	31.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.48%
26) 1,2-Dichloroethane-d4	8.31	65	48778	41.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	164.44%#
29) Benzene-d6	8.28	84	114347	27.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.12%
33) 1,2-Dichloropropane-d6	9.28	67	39049	30.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.52%#
37) Toluene-d8	10.33	98	96618	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.28%
38) trans-1,3-Dichloropropene-	10.59	79	15695	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.92%
39) 2-Hexanone-d5	10.93	63	13204	40.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.68%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	42027	31.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.24%#
61) 1,2-Dichlorobenzene-d4	13.87	152	26509	28.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.92%

Target Compounds

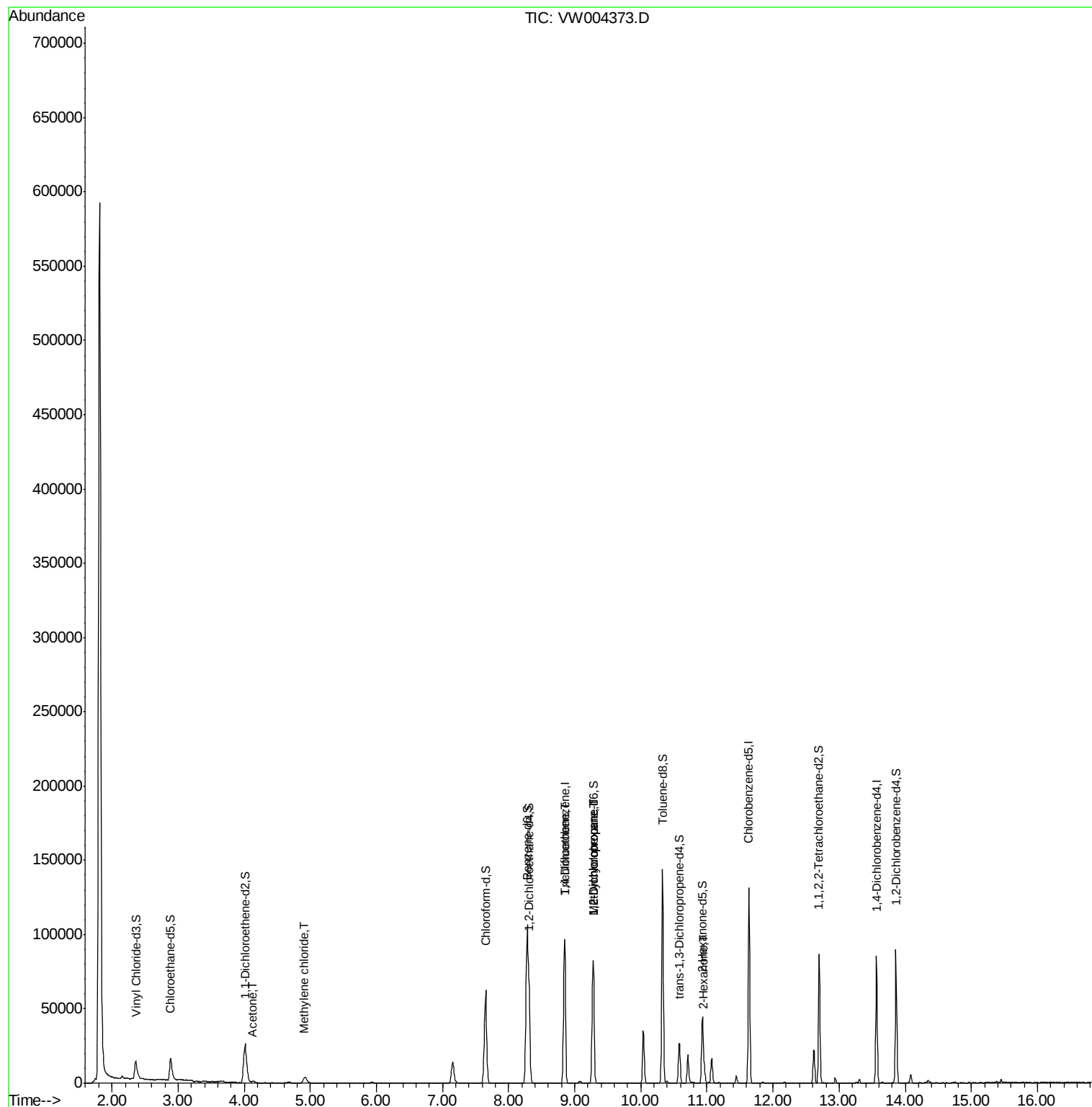
					Ovalue
13) Acetone	4.12	43	942	2.601 ug/L	73
16) Methylene chloride	4.92	84	4345	3.208 ug/L	77
35) Trichloroethene	8.85	95	2551	2.063 ug/L #	3
36) Methylcyclohexane	9.28	83	10507	4.764 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4520	3.901 ug/L #	87
49) 2-Hexanone	10.96	43	6844	9.816 ug/L #	40

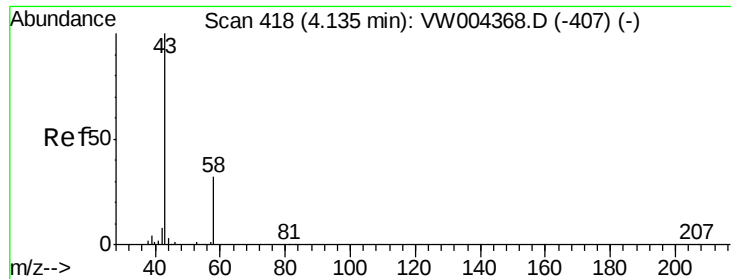
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 02 03:56:08 2018
Response via : Initial Calibration

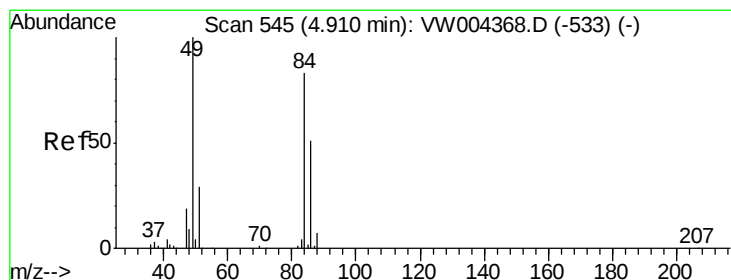
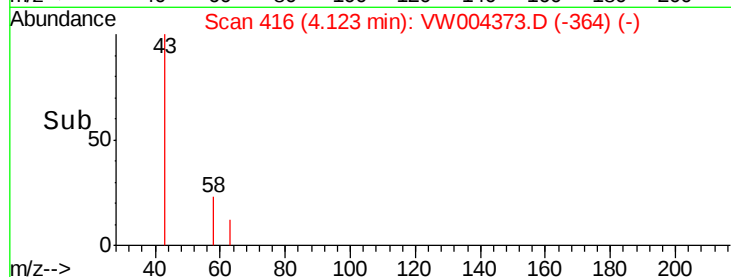
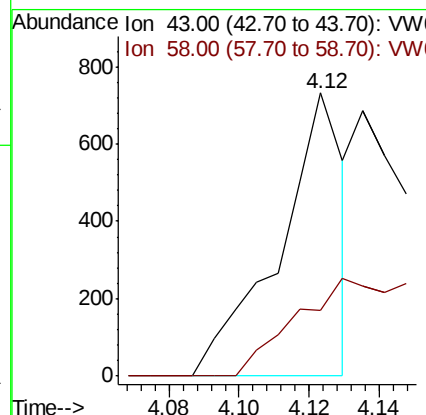
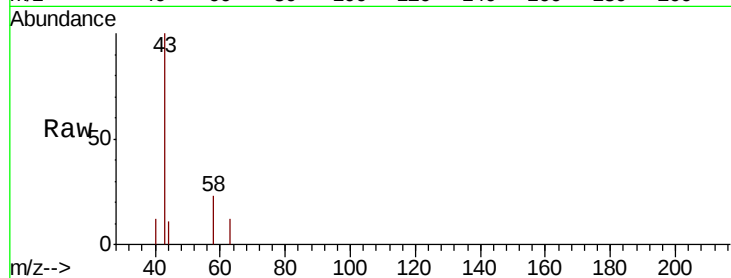




#13
Acetone
Concen: 2.601 ug/L
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW004373.D
Acq: 01 Aug 2018 13:36

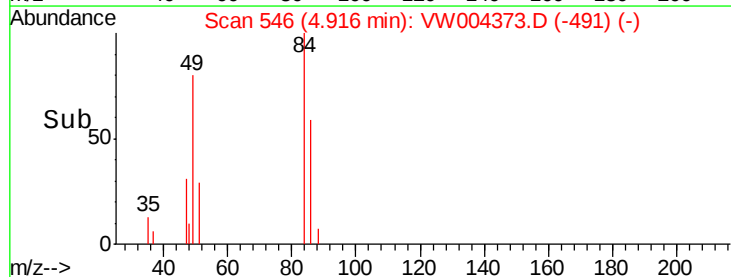
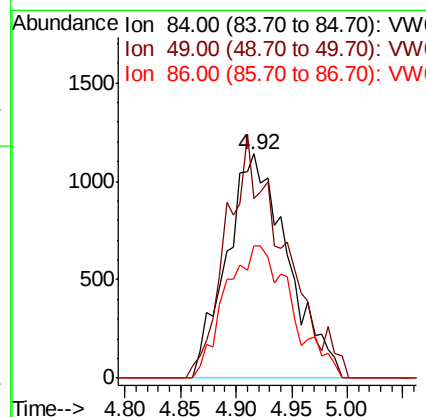
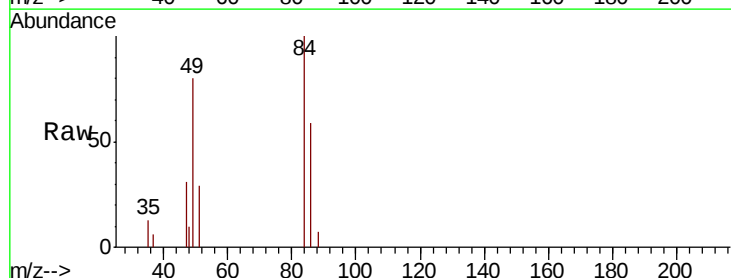
Instrument :
MSVOA_W
ClientSampled :

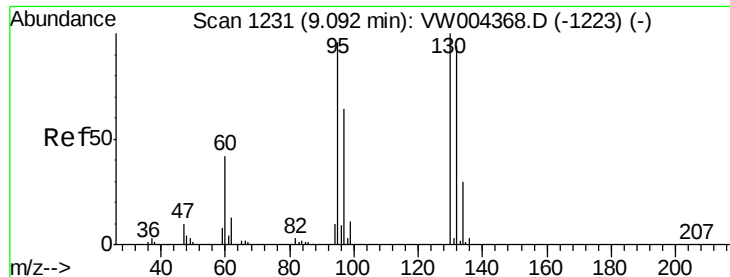
Tot Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 47.5 0.0 64.8



#16
Methylene chloride
Concen: 3.208 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004373.D
Acq: 01 Aug 2018 13:36

Tgt Ion: 84 Resp: 4345
Ion Ratio Lower Upper
84 100
49 80.2 79.5 147.7
86 58.9 45.8 85.2





#35

Trichloroethene

Concen: 2.063 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW004373.D

Acq: 01 Aug 2018 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 2551

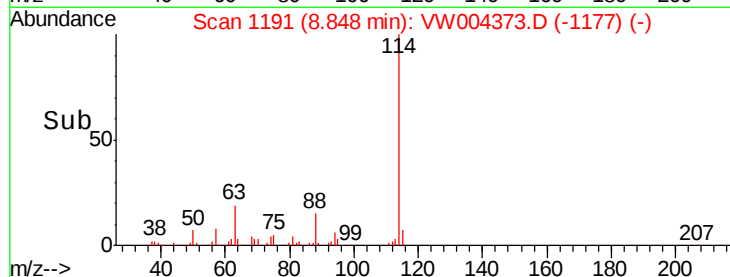
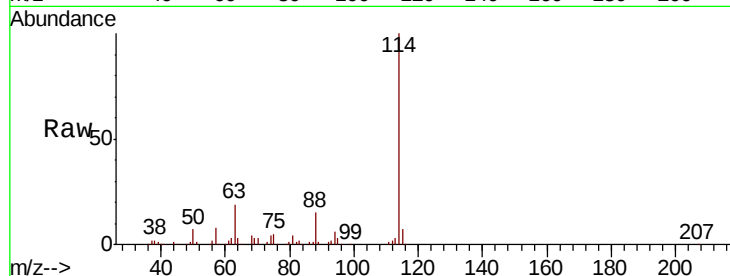
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.6#

132 0.0 71.2 132.2#

130 0.0 73.9 137.3#

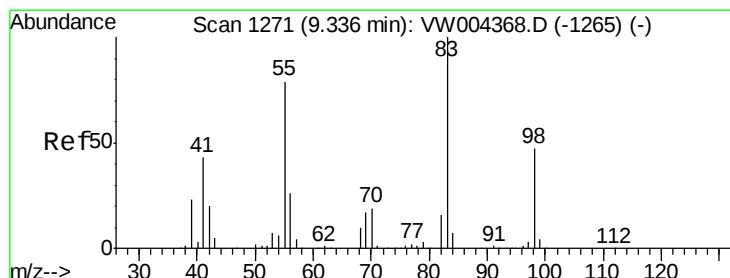
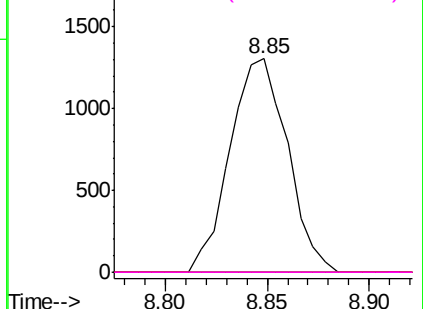


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.764 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

Lab File: VW004373.D

Acq: 01 Aug 2018 13:36

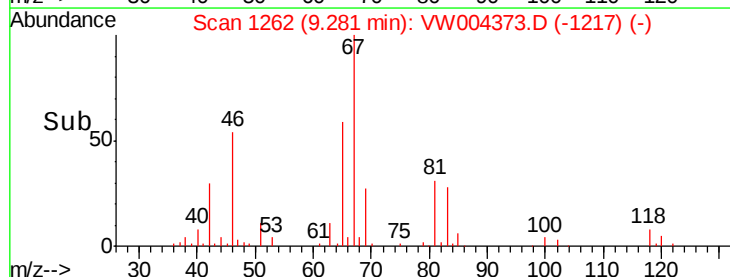
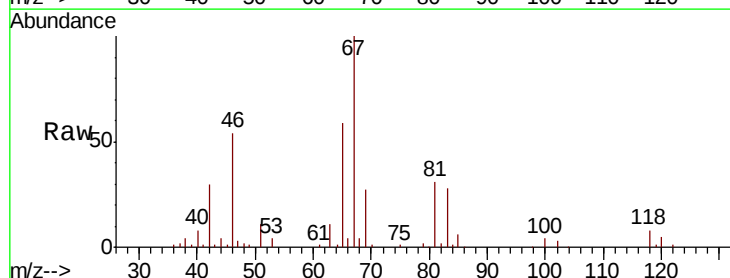
Tgt Ion: 83 Resp: 10507

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.2#

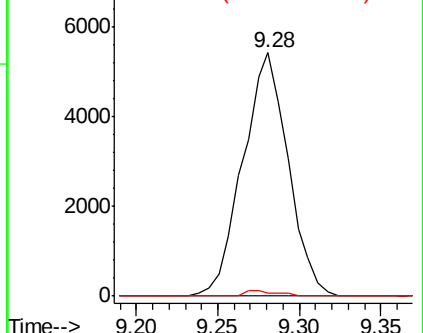
98 1.3 37.7 56.5#

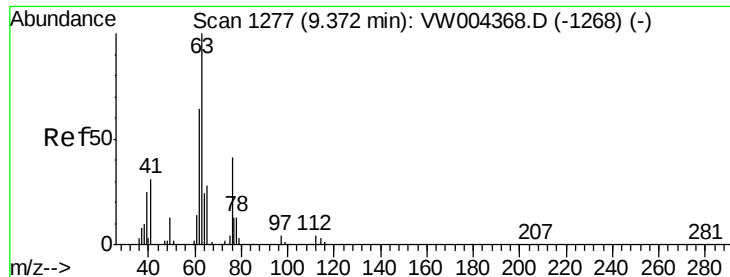


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

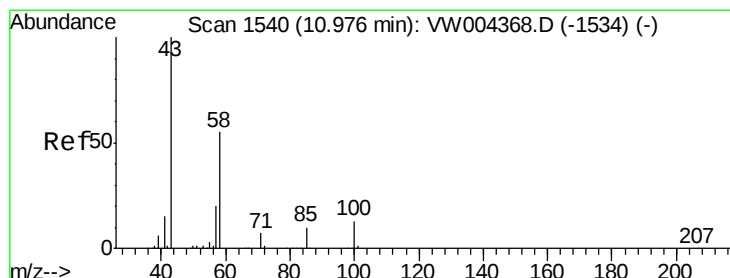
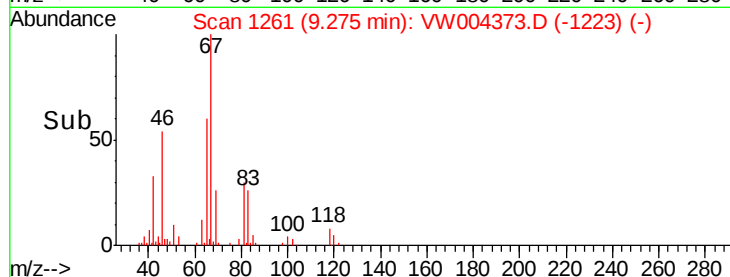
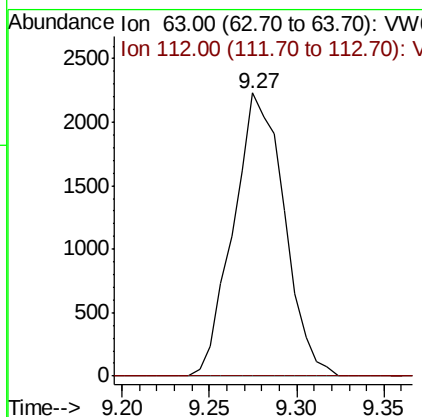
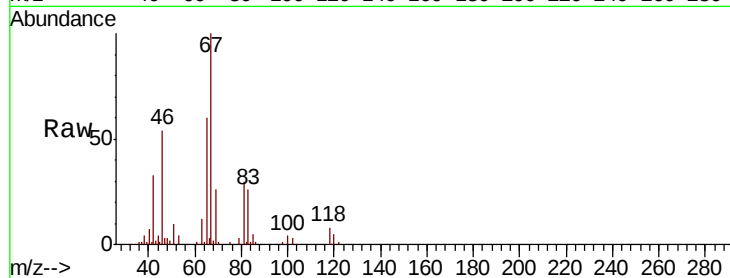




#40
 1,2-Dichloropropane
 Concen: 3.901 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.10 min
 Lab File: VW004373.D
 Acq: 01 Aug 2018 13:36

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 4520
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#49
 2-Hexanone
 Concen: 9.816 ug/L
 RT: 10.96 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: VW004373.D
 Acq: 01 Aug 2018 13:36

Tgt Ion: 43 Resp: 6844
 Ion Ratio Lower Upper
 43 100
 58 2.7 44.0 66.0#
 57 0.0 16.0 24.0#
 100 0.4 10.7 16.1#

