

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017286.D
 Acq On : 17 Nov 2020 15:10
 Operator : SY/VA
 Sample : L4711-19
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B03

Quant Time: Nov 18 02:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	441002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352544	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118065	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94063	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.72%
7) Chloroethane-d5	2.89	69	85775	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	4.03	63	140772	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	7.09	46	19585	15.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.54%
24) Chloroform-d	7.65	84	217336	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	8.31	65	101989	19.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.72%
29) Benzene-d6	8.28	84	411234	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.27	67	113021	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	10.33	98	373510	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	10.58	79	31124	13.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.60%
39) 2-Hexanone-d5	10.93	63	16560	19.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72999	16.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	86431	20.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.12%

Target Compounds

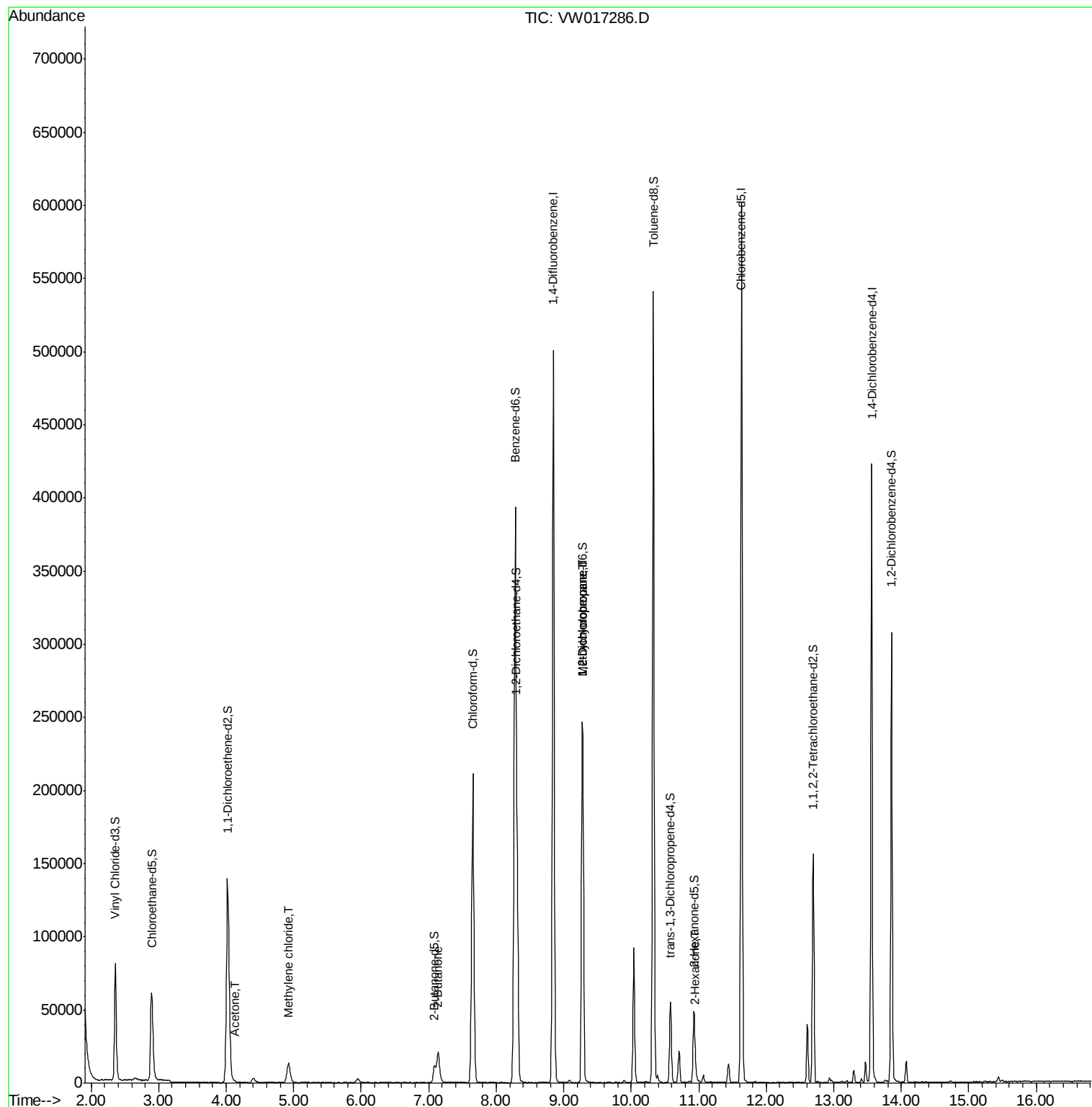
					Ovalue
13) Acetone	4.13	43	1185	1.425 ug/L	56
16) Methylene chloride	4.92	84	12540	2.109 ug/L	93
21) 2-Butanone	7.14	43	7301	5.467 ug/L #	42
36) Methylcyclohexane	9.27	83	30179	3.617 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	13483	3.116 ug/L #	85
49) 2-Hexanone	10.95	43	3117	1.937 ug/L #	35

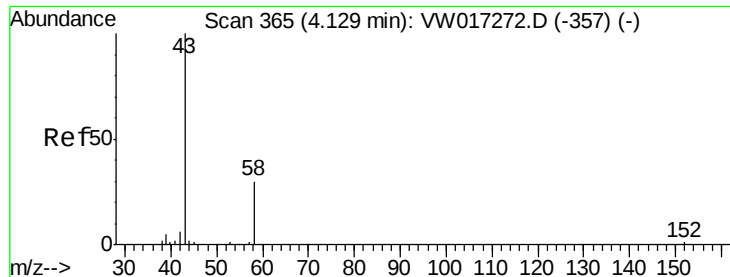
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.425 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017286.D

Acq: 17 Nov 2020 15:10

Instrument :

MSVOA_W

ClientSampled :

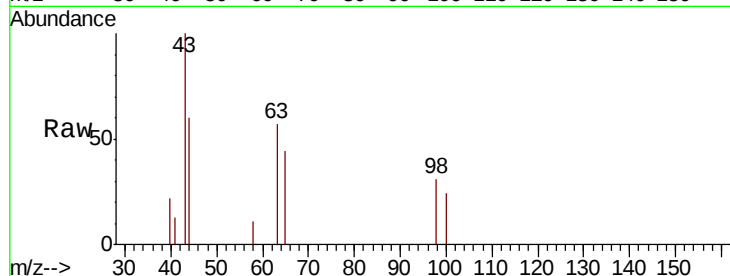
C0B03

Tot Ion: 43 Resp: 1185

Ion Ratio Lower Upper

43 100

58 9.5 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

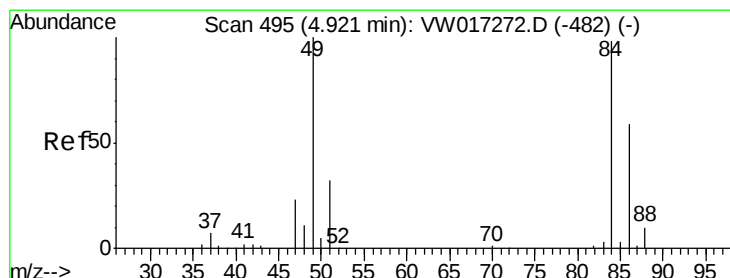
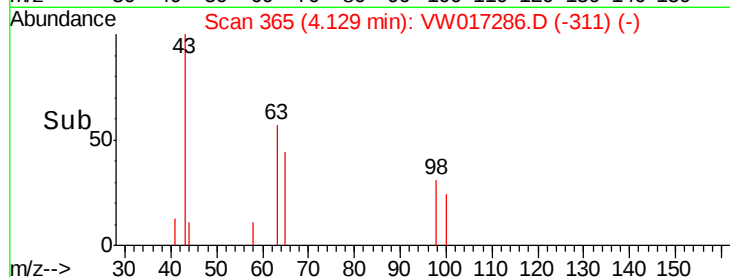
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.109 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017286.D

Acq: 17 Nov 2020 15:10

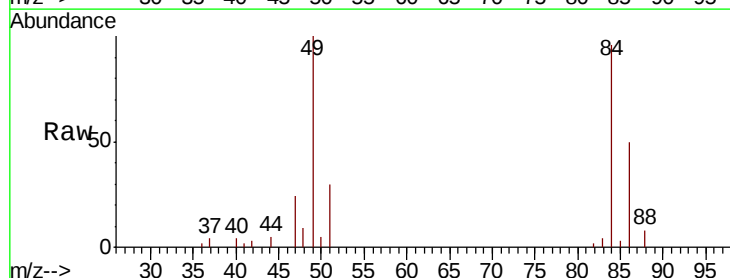
Tgt Ion: 84 Resp: 12540

Ion Ratio Lower Upper

84 100

49 104.0 72.3 134.3

86 51.7 45.1 83.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

5000

4000

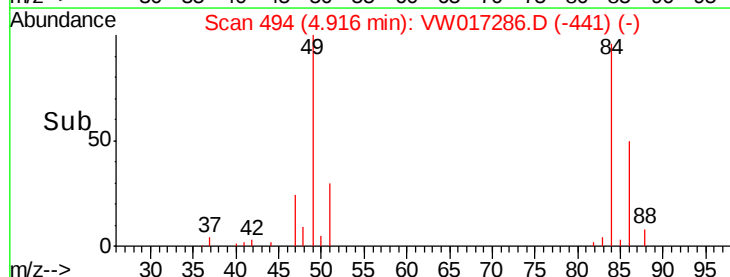
3000

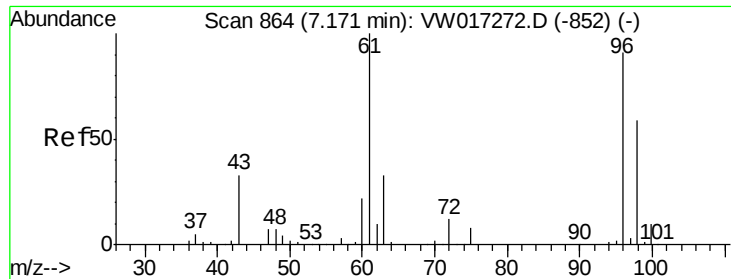
2000

1000

0

Time--> 4.80 4.90 5.00

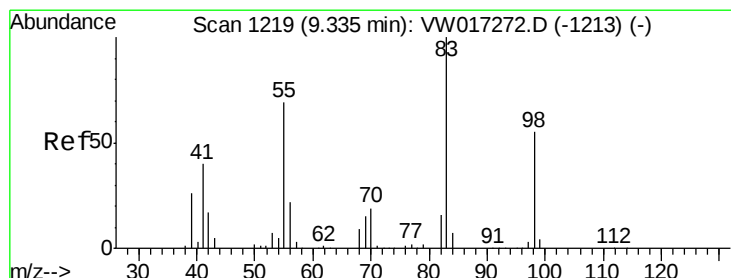
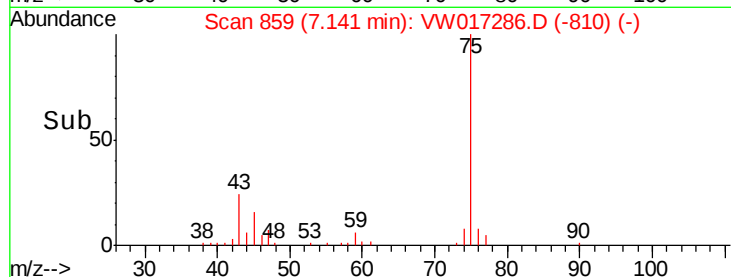
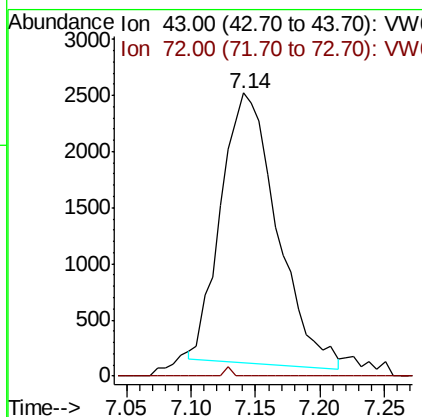
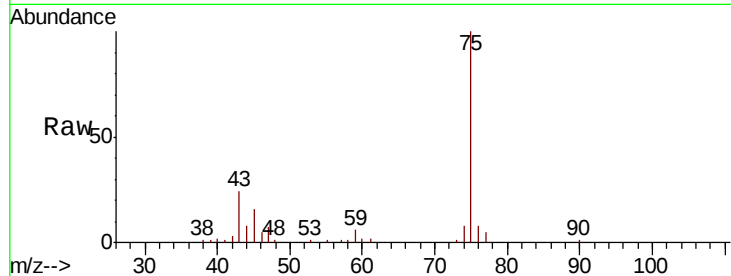




#21
2-Butanone
Concen: 5.467 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW017286.D
Acq: 17 Nov 2020 15:10

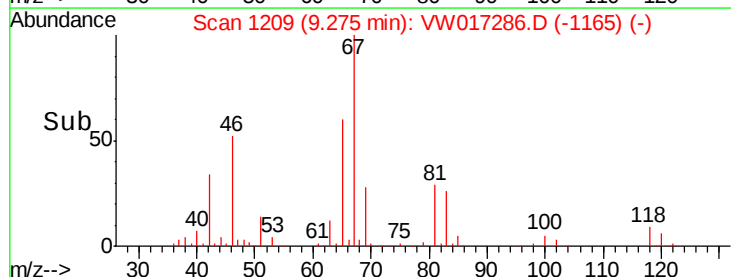
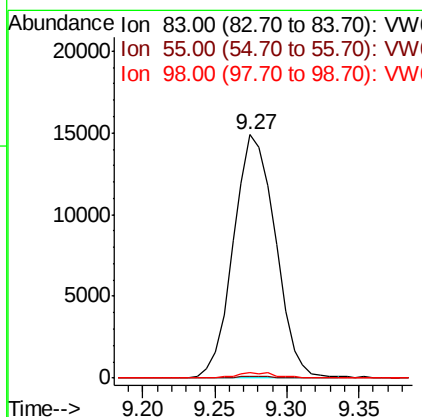
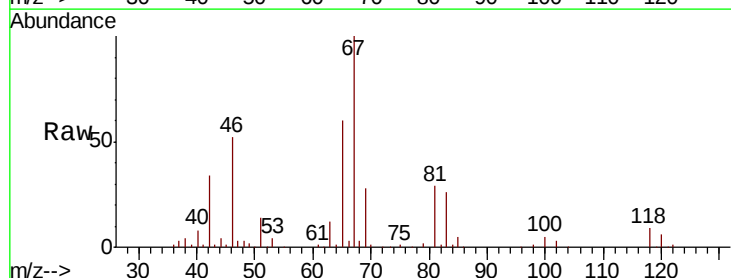
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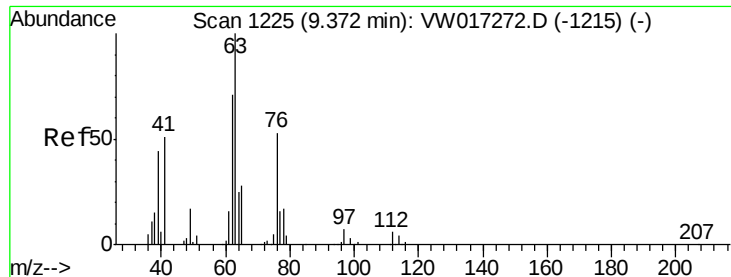
Tot Ion: 43 Resp: 7301
Ion Ratio Lower Upper
43 100
72 0.0 16.1 48.3#



#36
Methylcyclohexane
Concen: 3.617 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017286.D
Acq: 17 Nov 2020 15:10

Tgt Ion: 83 Resp: 30179
Ion Ratio Lower Upper
83 100
55 0.4 54.4 81.6#
98 1.8 40.5 60.7#

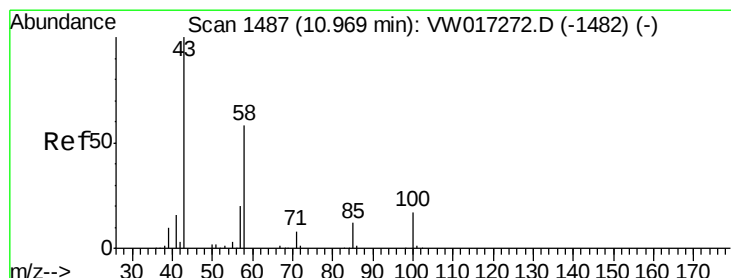
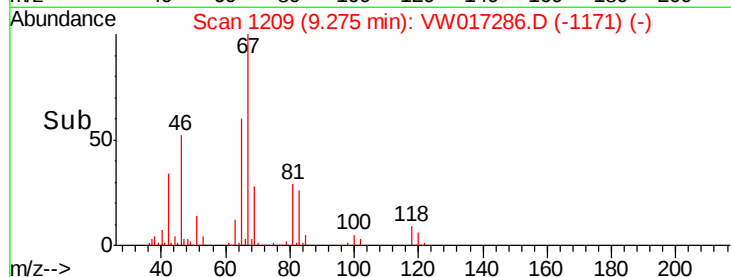
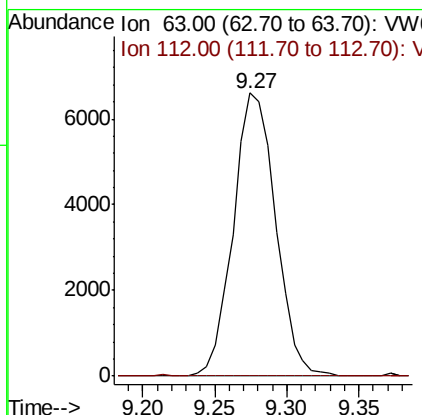
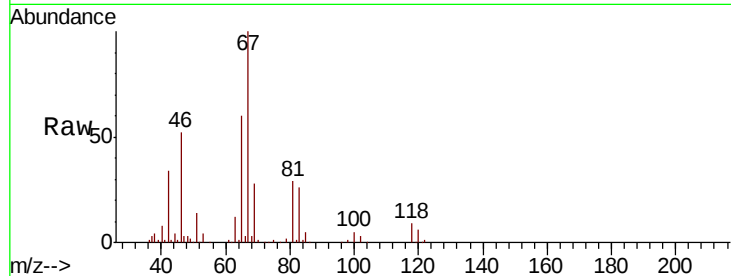




#40
 1,2-Dichloropropane
 Concen: 3.116 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017286.D
 Acq: 17 Nov 2020 15:10

Instrument :
 MSVOA_W
 ClientSampled :
 C0B03

Tot Ion: 63 Resp: 13483
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.2 6.2#



#49
 2-Hexanone
 Concen: 1.937 ug/L
 RT: 10.95 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: VW017286.D
 Acq: 17 Nov 2020 15:10

Tgt Ion: 43 Resp: 3117
 Ion Ratio Lower Upper
 43 100
 58 0.0 50.6 75.8#
 57 4.2 17.8 26.6#
 100 0.0 13.9 20.9#

