

Data File : VW006915.D
Acq On : 16 Nov 2018 14:05
Operator : SY/AP
Sample : VIBLK83
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK83

Quant Time: Nov 16 23:54:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	168112	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	163352	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	81755	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34314	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
7) Chloroethane-d5	2.89	69	26928	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.02	63	67702	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.09	46	33081	40.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.44%
24) Chloroform-d	7.65	84	84093	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	53025	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.28	84	182267	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.28	67	55878	21.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.52%
37) Toluene-d8	10.33	98	187314	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.68%
38) trans-1,3-Dichloropropene-	10.58	79	24013	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	26082	40.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49159	21.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	68433	22.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.40%

Target Compounds

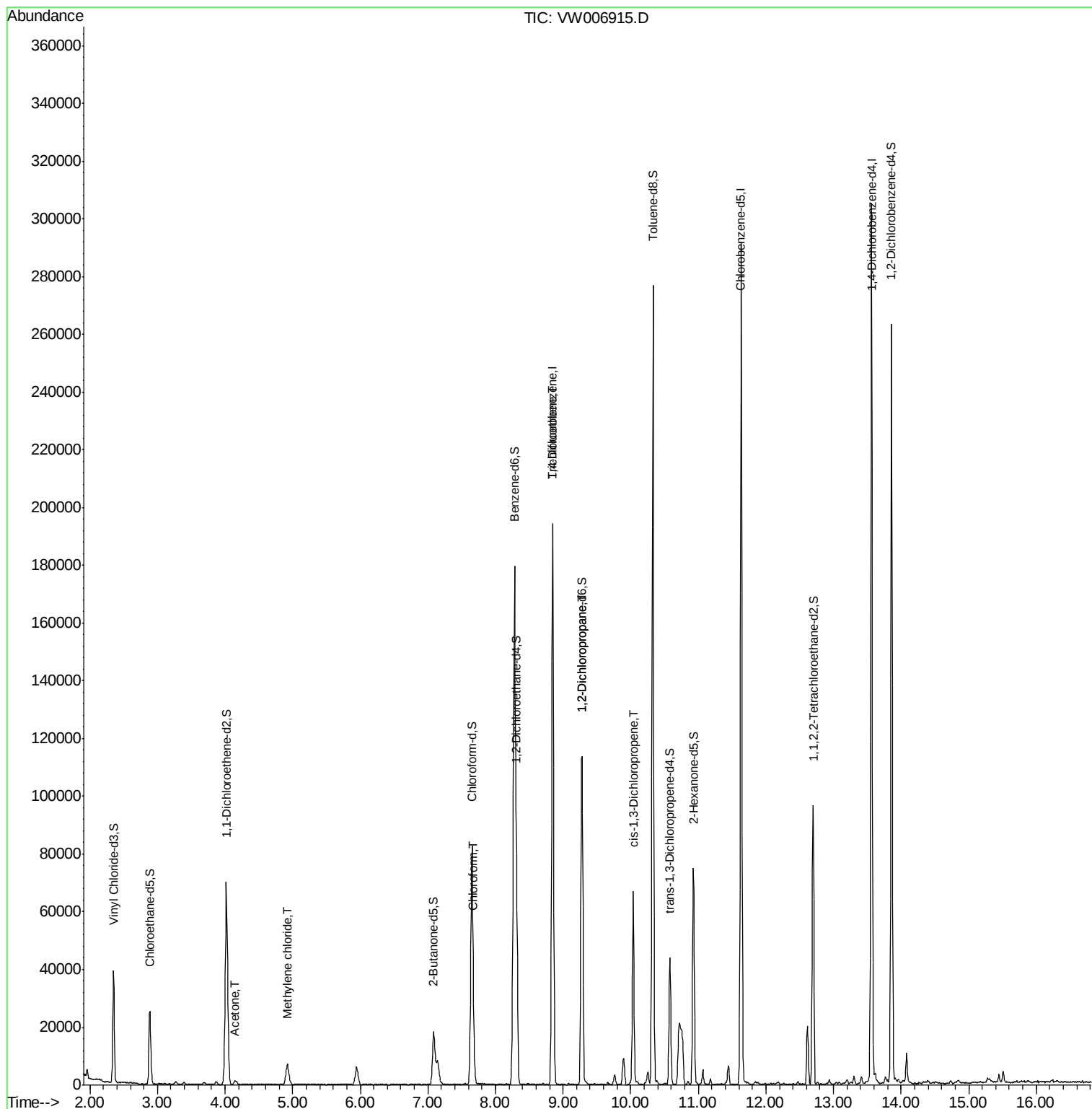
					Qvalue
13) Acetone	4.15	43	1880	3.548 ug/L	85
16) Methylene chloride	4.93	84	5491	1.868 ug/L	95
25) Chloroform	7.68	83	3288	0.794 ug/L	91
35) Trichloroethene	8.85	95	5056	2.032 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	6160	2.737 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1670	0.491 ug/L #	71

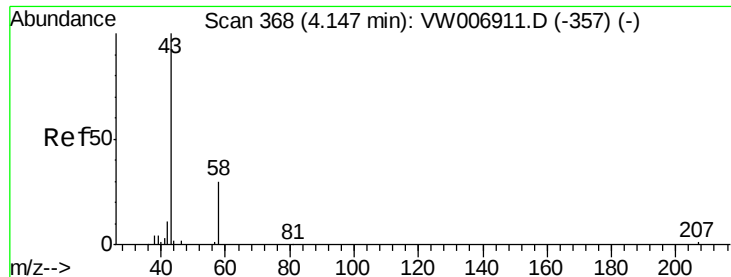
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.548 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

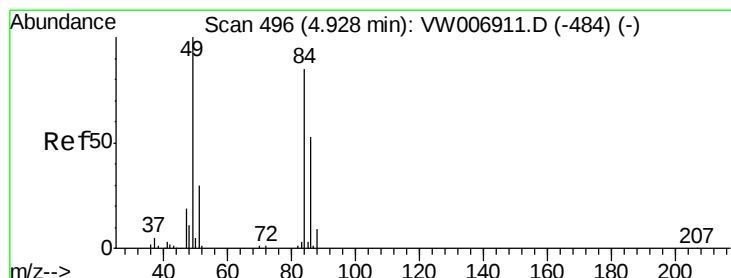
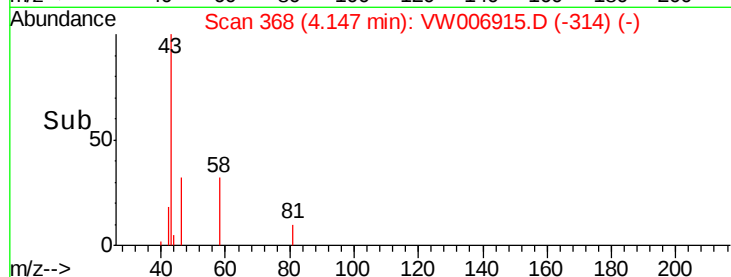
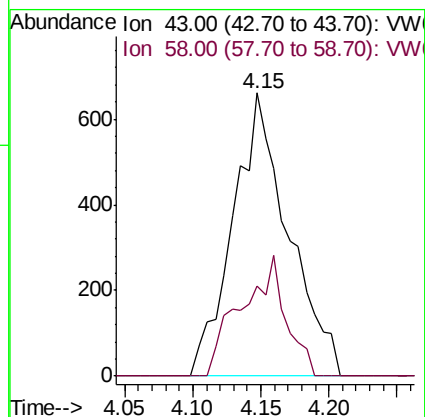
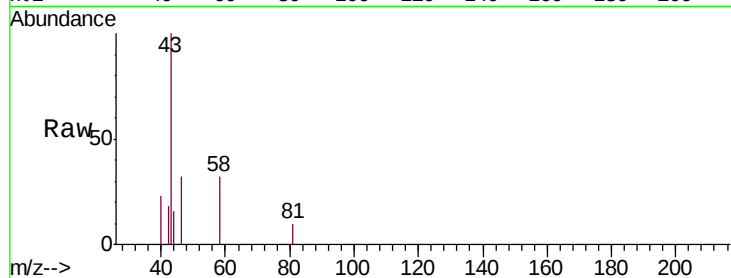
VIBLK83

Tgt Ion: 43 Resp: 1880

Ion Ratio Lower Upper

43 100

58 24.3 0.0 65.6



#16

Methylene chloride

Concen: 1.868 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW006915.D

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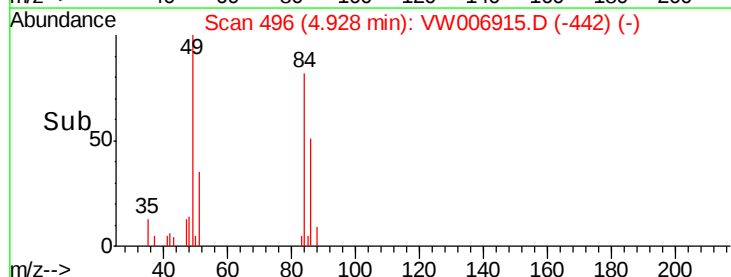
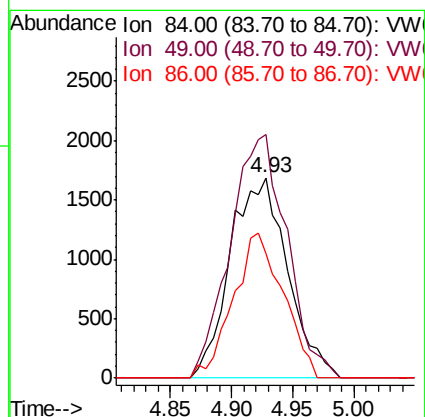
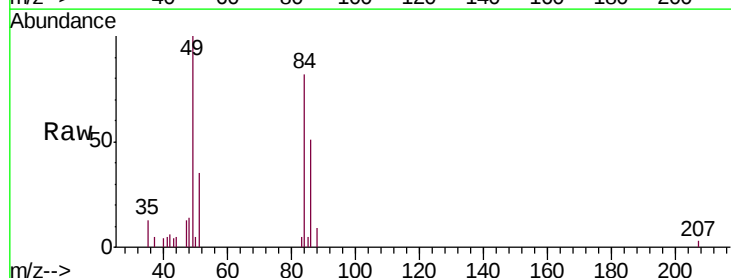
Tgt Ion: 84 Resp: 5491

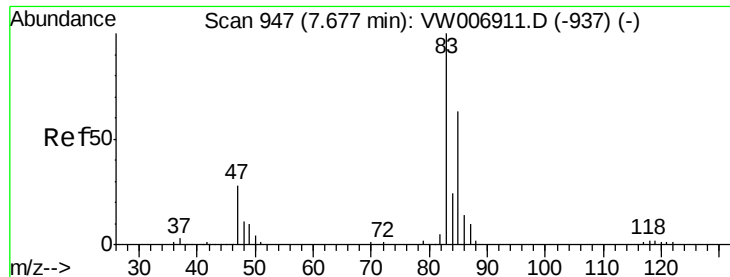
Ion Ratio Lower Upper

84 100

49 121.5 79.3 147.3

86 62.2 43.5 80.9





#25

Chloroform

Concen: 0.794 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

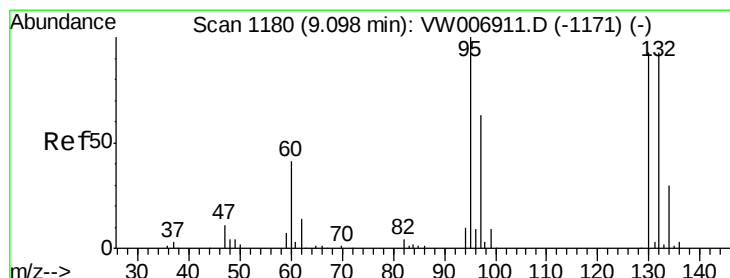
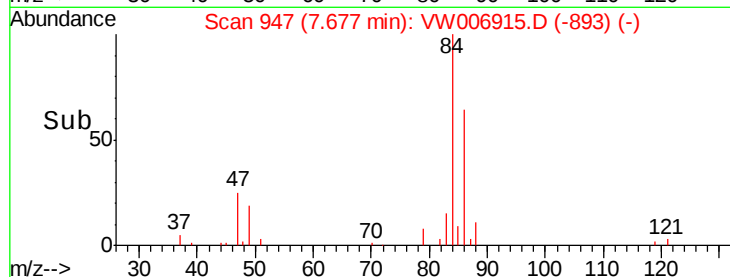
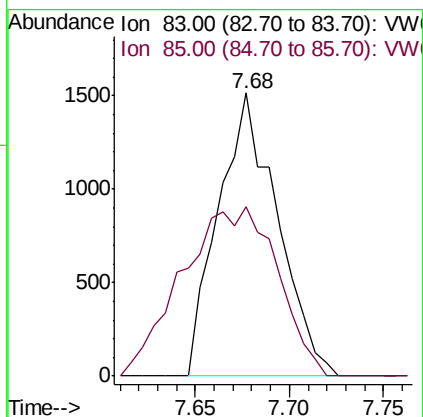
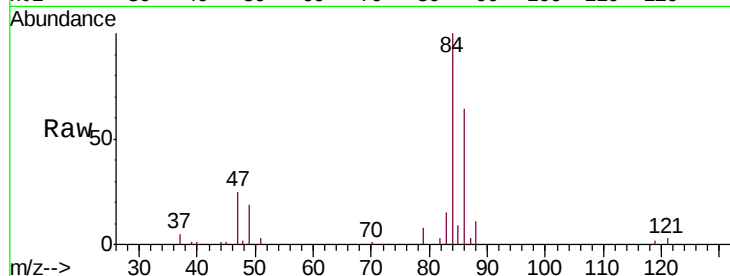
VIBLK83

Tgt Ion: 83 Resp: 3288

Ion Ratio Lower Upper

83 100

85 57.5 45.4 84.2



#35

Trichloroethene

Concen: 2.032 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 5056

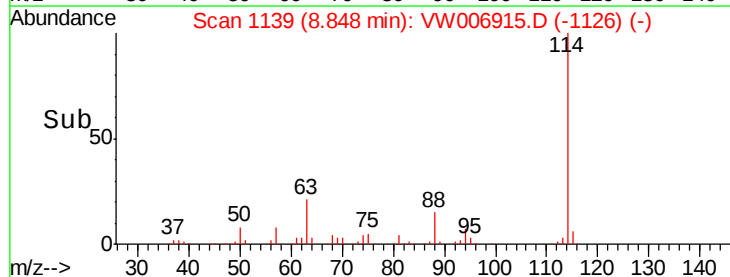
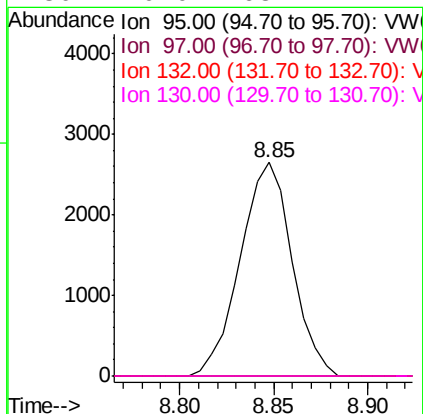
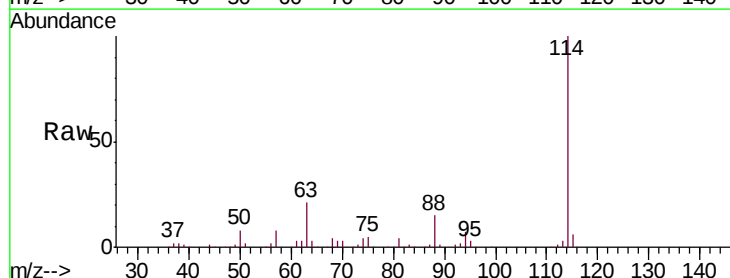
Ion Ratio Lower Upper

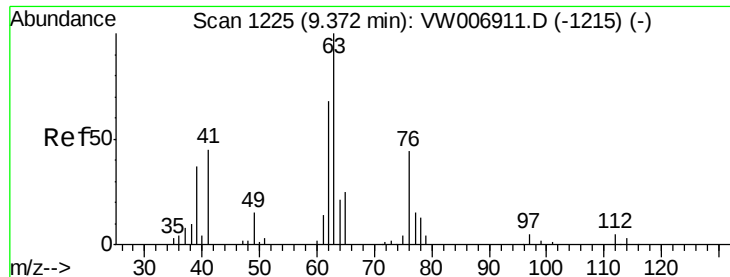
95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

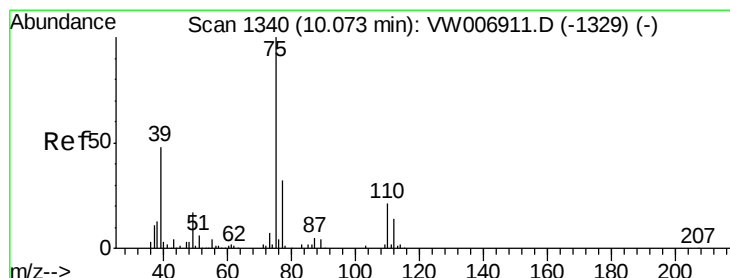
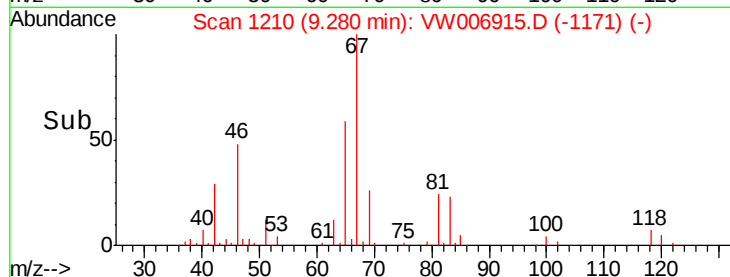
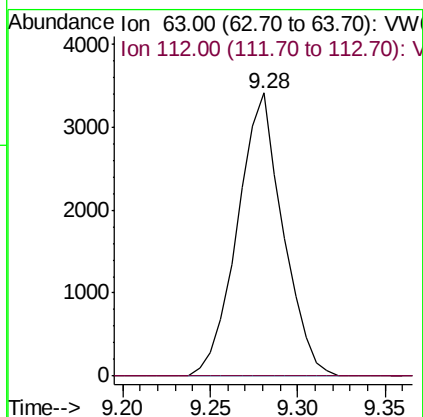
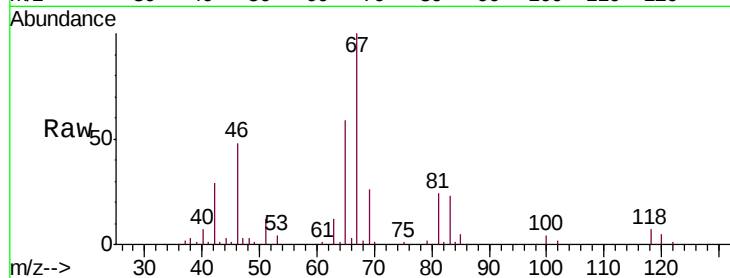




#40
 1,2-Dichloropropane
 Concen: 2.737 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 6160
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.491 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006915.D
 Acq: 16 Nov 2018 14:05

Tgt Ion: 75 Resp: 1670
 Ion Ratio Lower Upper
 75 100
 77 47.2 21.9 40.7#

