

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004377.D
 Acq On : 01 Aug 2018 15:20
 Operator : SY/AP
 Sample : J4205-01
 Misc : 6.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 02 03:57:26 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	8161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	7895	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	2801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1514	23.81	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
7) Chloroethane-d5	2.89	69	2779	44.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	176.96%#
10) 1,1-Dichloroethene-d2	4.02	63	3845	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.76%
20) 2-Butanone-d5	7.09	46	2776	70.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.82%#
24) Chloroform-d	7.65	84	6946	34.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	137.72%
26) 1,2-Dichloroethane-d4	8.32	65	6133	54.28	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	217.12%#
29) Benzene-d6	8.28	84	13319	32.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.68%
33) 1,2-Dichloropropane-d6	9.29	67	5354	42.39	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.56%#
37) Toluene-d8	10.33	98	8264	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.84%
38) trans-1,3-Dichloropropene-	10.59	79	1845	30.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.92%
39) 2-Hexanone-d5	10.93	63	1485	45.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	5755	43.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	174.48%#
61) 1,2-Dichlorobenzene-d4	13.87	152	2681	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds

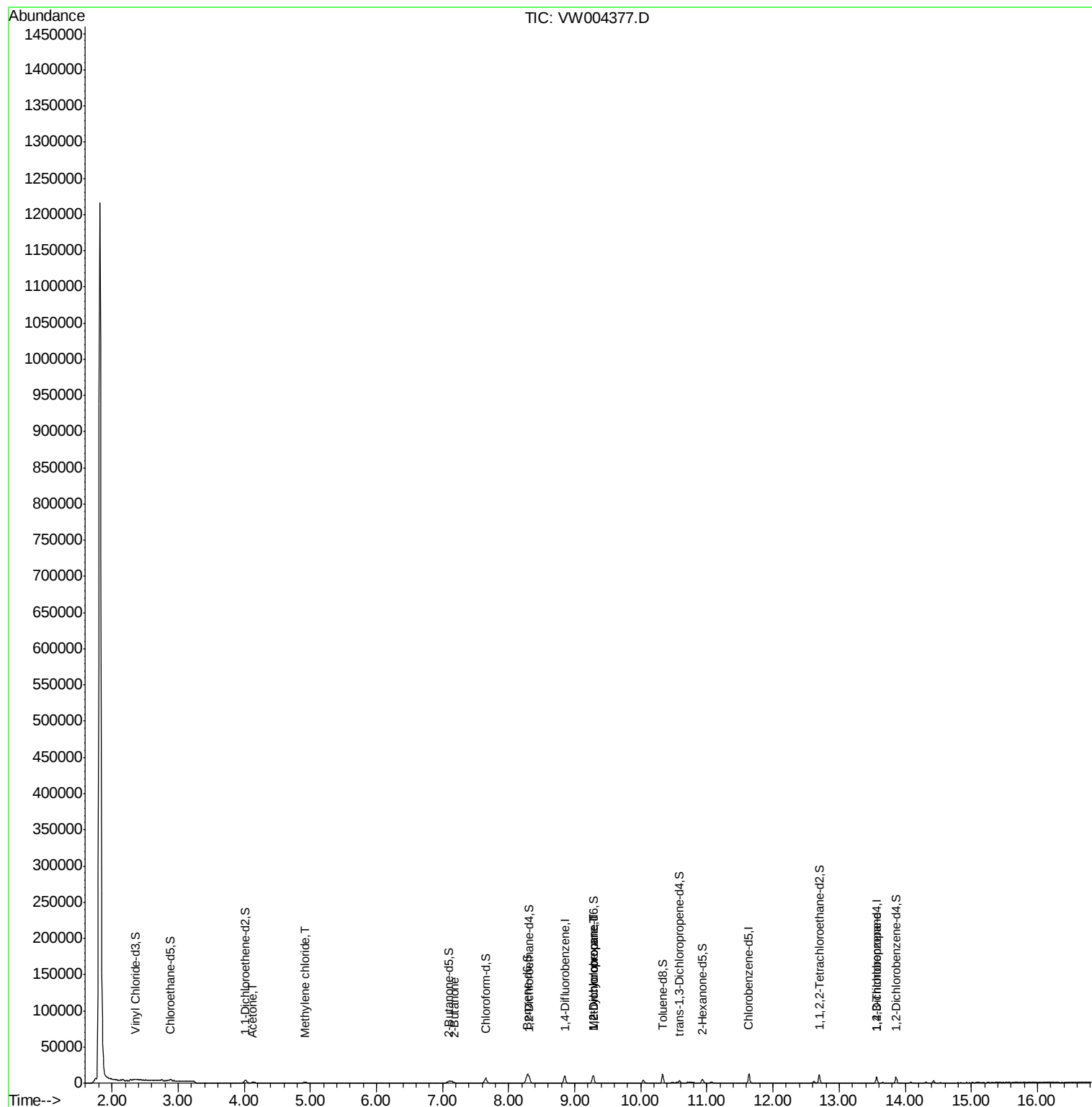
					Ovalue
13) Acetone	4.12	43	739	21.424	ug/L 100
16) Methylene chloride	4.91	84	410	3.179	ug/L 95
21) 2-Butanone	7.18	43	211	4.488	ug/L # 46
36) Methylcyclohexane	9.28	83	1267	5.798	ug/L # 20
40) 1,2-Dichloropropane	9.27	63	526	4.582	ug/L # 87
59) 1,2,3-Trichloropropane	13.56	75	405	4.047	ug/L 94

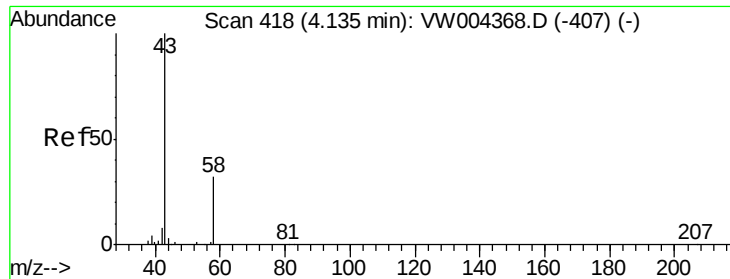
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 02 03:56:08 2018
Response via : Initial Calibration





#13

Acetone

Concen: 21.424 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW004377.D

Acq: 01 Aug 2018 15:20

Instrument :

MSVOA_W

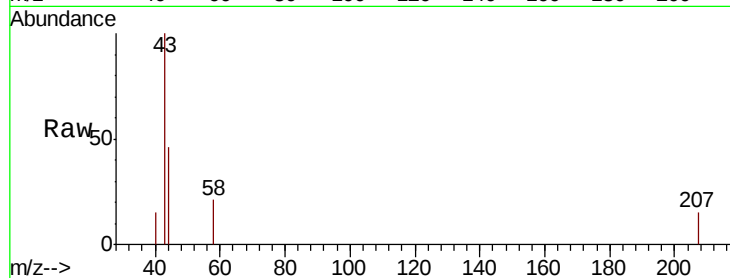
ClientSampled :

Tot Ion: 43 Resp: 739

Ion Ratio Lower Upper

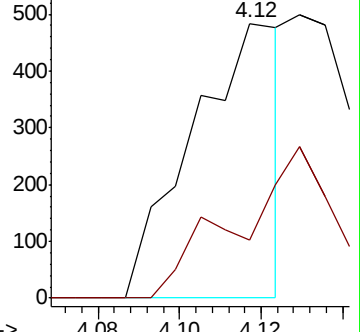
43 100

58 32.5 0.0 64.8

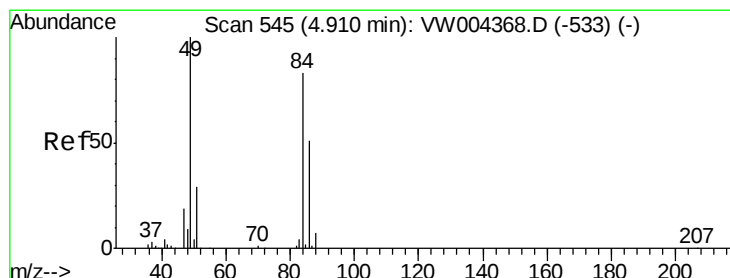
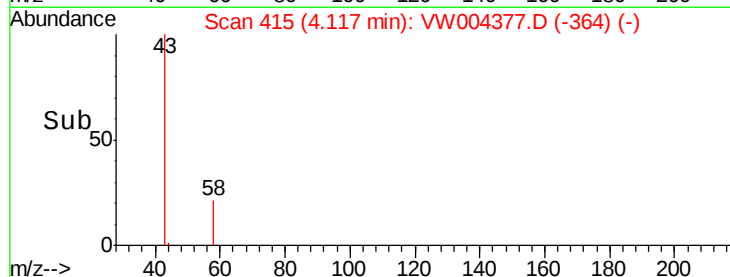


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 3.179 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004377.D

Acq: 01 Aug 2018 15:20

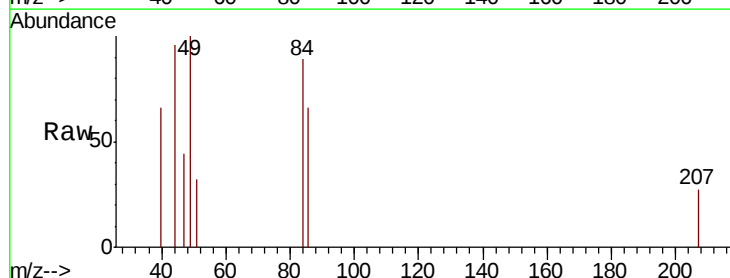
Tgt Ion: 84 Resp: 410

Ion Ratio Lower Upper

84 100

49 112.5 79.5 147.7

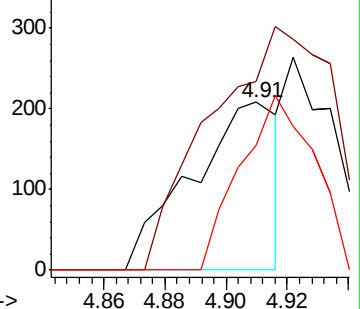
86 74.5 45.8 85.2



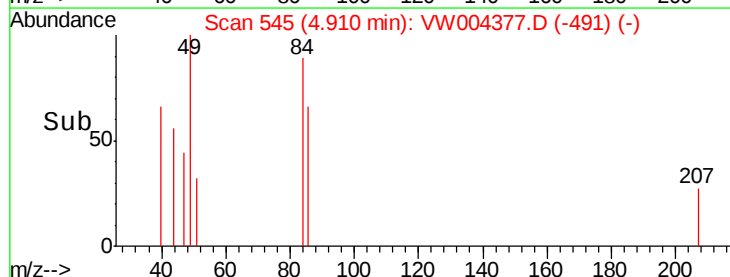
Abundance Ion 84.00 (83.70 to 84.70): VW

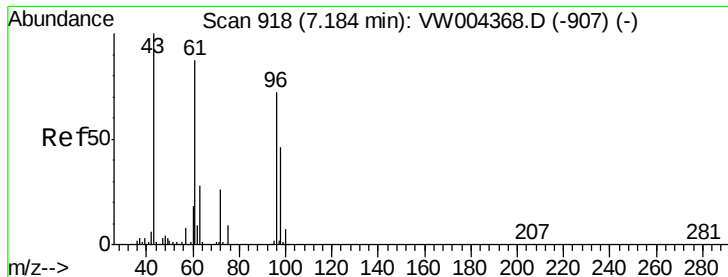
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#21

2-Butanone

Concen: 4.488 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004377.D

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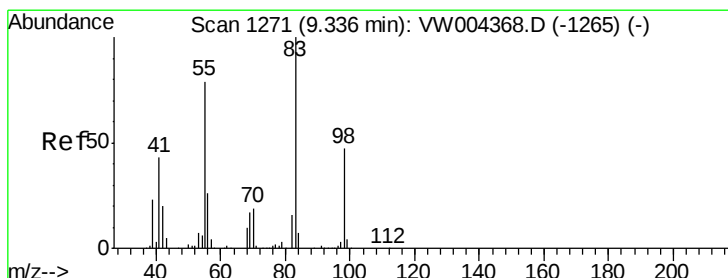
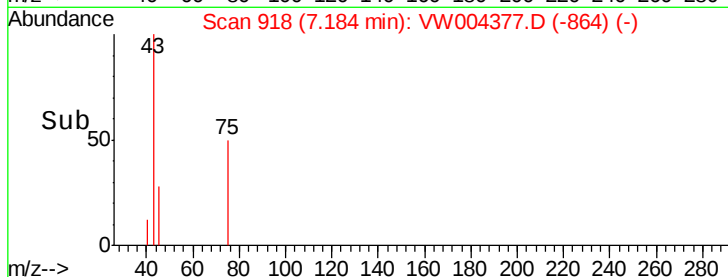
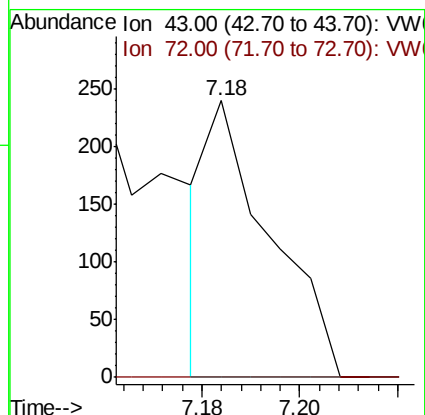
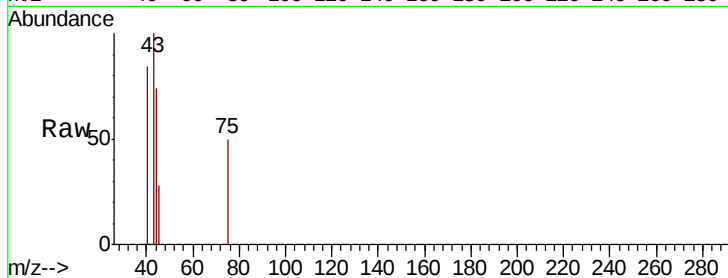
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 211

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.2#



#36

Methylcyclohexane

Concen: 5.798 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

Lab File: VW004377.D

Acq: 01 Aug 2018 15:20

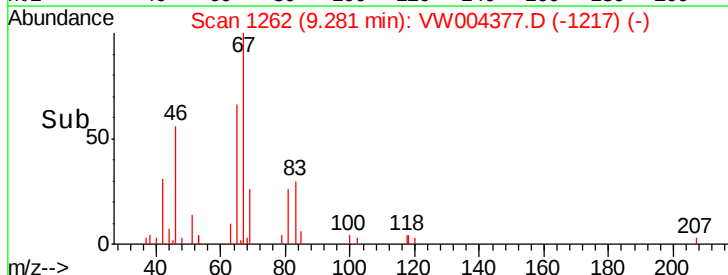
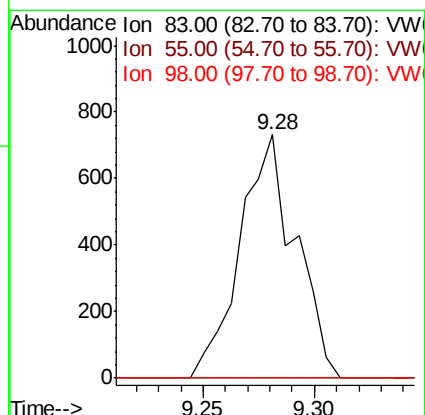
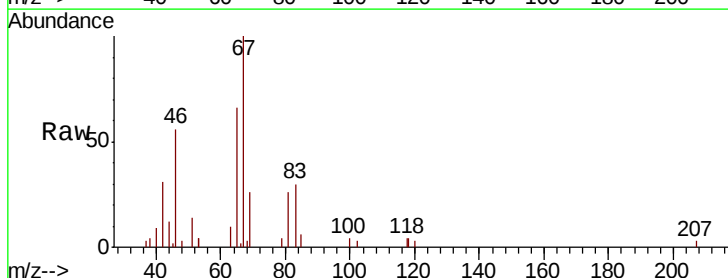
Tgt Ion: 83 Resp: 1267

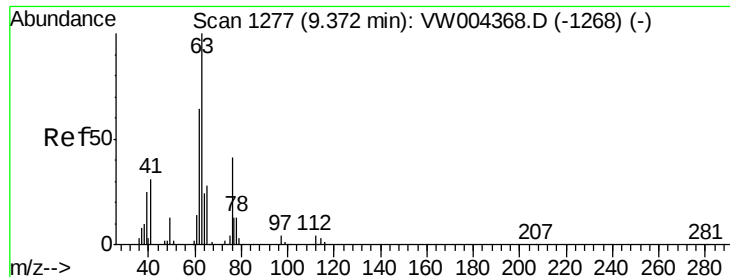
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.2#

98 0.0 37.7 56.5#

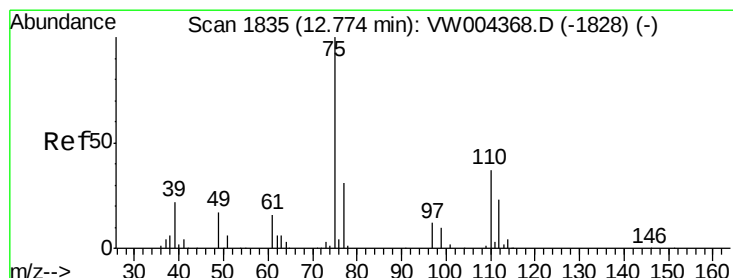
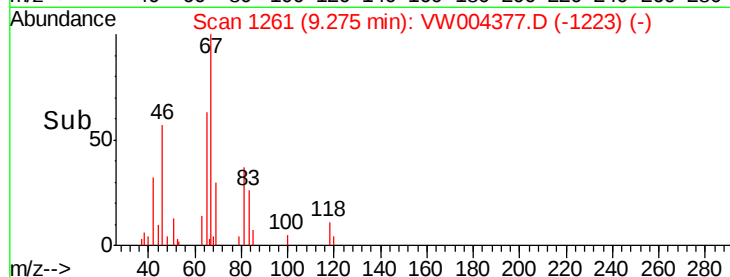
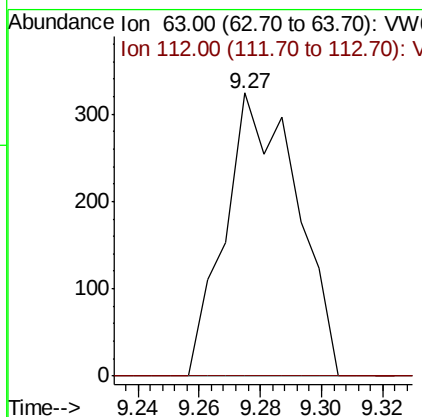
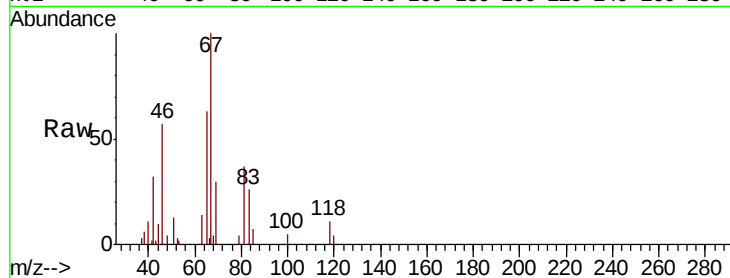




#40
 1,2-Dichloropropane
 Concen: 4.582 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.10 min
 Lab File: VW004377.D
 Acq: 01 Aug 2018 15:20

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 63 Resp: 526
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.047 ug/L
 RT: 13.56 min Scan# 1964
 Delta R.T. 0.79 min
 Lab File: VW004377.D
 Acq: 01 Aug 2018 15:20

Tgt Ion: 75 Resp: 405
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.6 40.0

