

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004370.D
 Acq On : 01 Aug 2018 12:18
 Operator : SY/AP
 Sample : J4204-05
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1J2

Quant Time: Aug 02 03:56:42 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	262680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255712	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	103025	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73888	36.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.40%
7) Chloroethane-d5	2.89	69	53520	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.88%
10) 1,1-Dichloroethene-d2	4.01	63	132377	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.60%
20) 2-Butanone-d5	7.09	46	66571	52.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.92%
24) Chloroform-d	7.65	84	184873	28.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.88%
26) 1,2-Dichloroethane-d4	8.31	65	112349	30.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.56%
29) Benzene-d6	8.28	84	359507	27.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.88%
33) 1,2-Dichloropropane-d6	9.27	67	115730	28.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.16%
37) Toluene-d8	10.33	98	319756	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.36%
38) trans-1,3-Dichloropropene-	10.58	79	43722	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.48%
39) 2-Hexanone-d5	10.93	63	51689	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	112282	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	112104	28.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.88%

Target Compounds

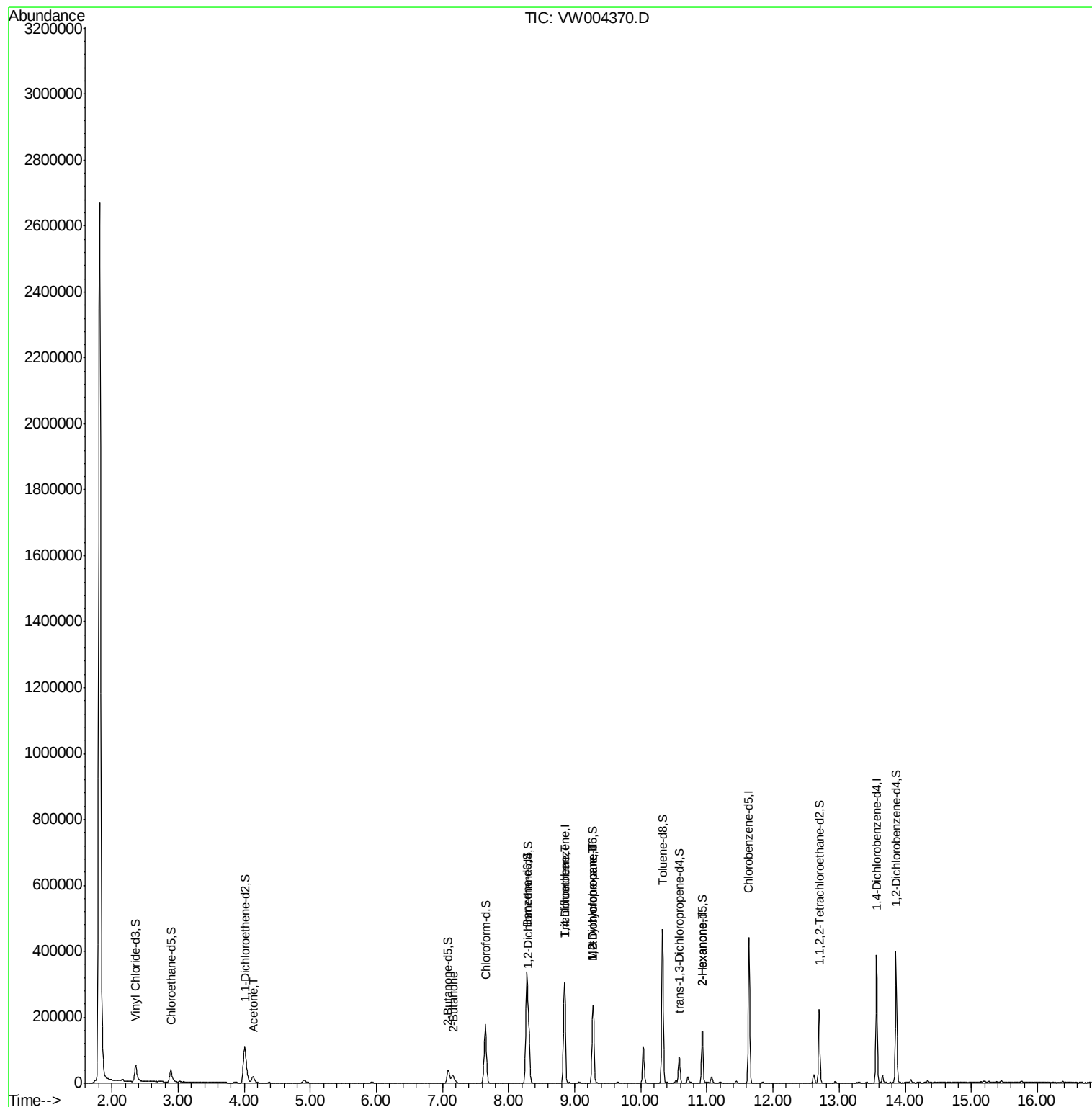
					Ovalue
13) Acetone	4.14	43	32950	29.678	ug/L 100
21) 2-Butanone	7.18	43	12504	8.264	ug/L 88
35) Trichloroethene	8.85	95	8219	2.071	ug/L # 3
36) Methylcyclohexane	9.27	83	27988	3.954	ug/L # 21
40) 1,2-Dichloropropane	9.28	63	12373	3.327	ug/L # 87
49) 2-Hexanone	10.93	43	6781	3.031	ug/L # 64

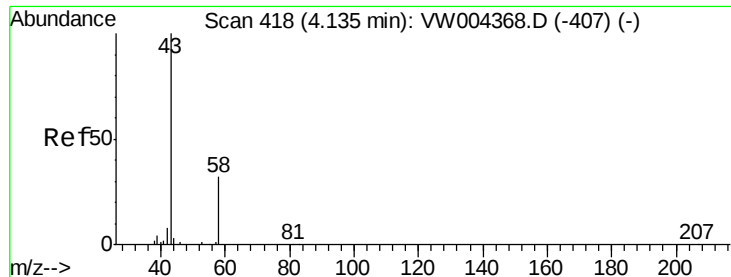
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.678 ug/L

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004370.D

Acq: 01 Aug 2018 12:18

Instrument :

MSVOA_W

ClientSampled :

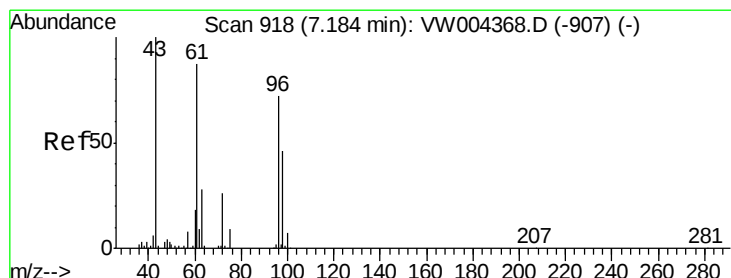
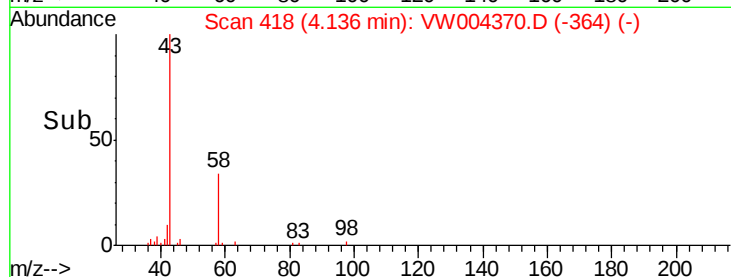
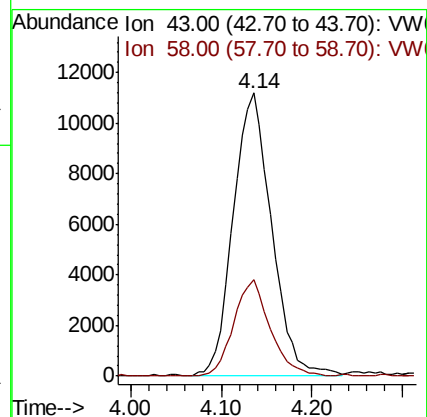
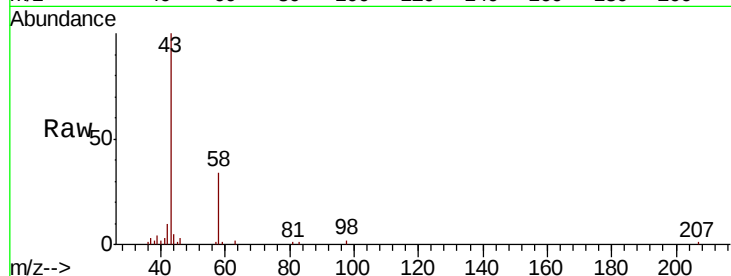
JJ1J2

Tot Ion: 43 Resp: 32950

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.8



#21

2-Butanone

Concen: 8.264 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004370.D

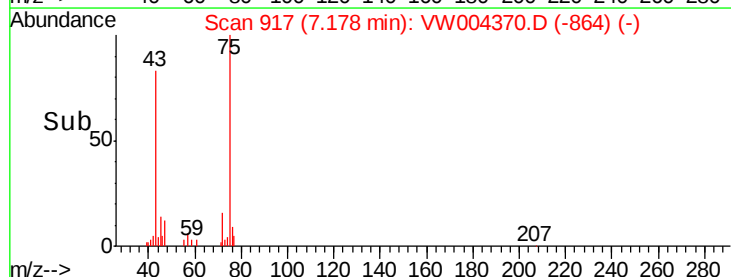
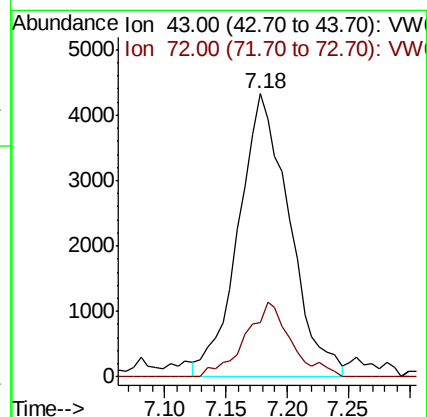
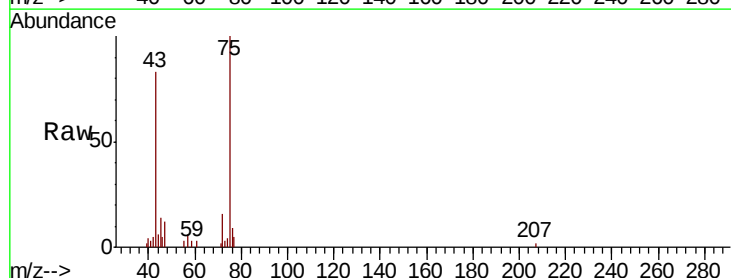
Acq: 01 Aug 2018 12:18

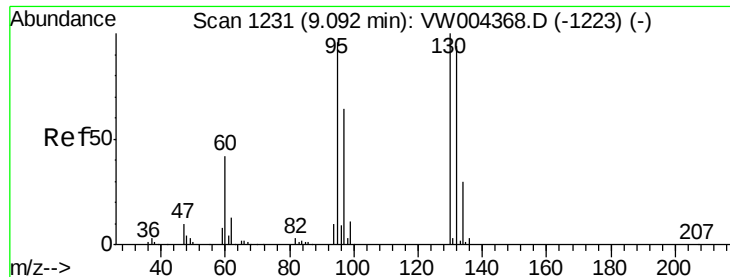
Tgt Ion: 43 Resp: 12504

Ion Ratio Lower Upper

43 100

72 22.4 14.4 43.2

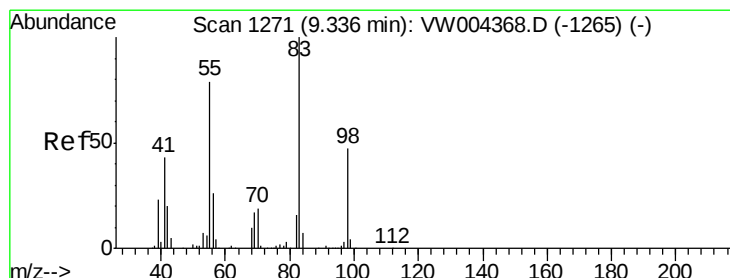
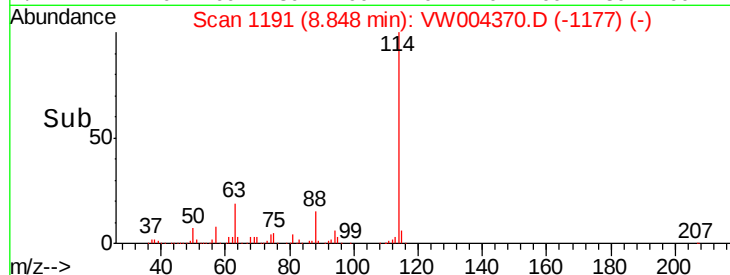
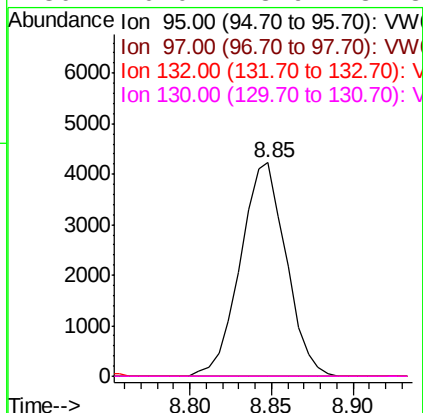
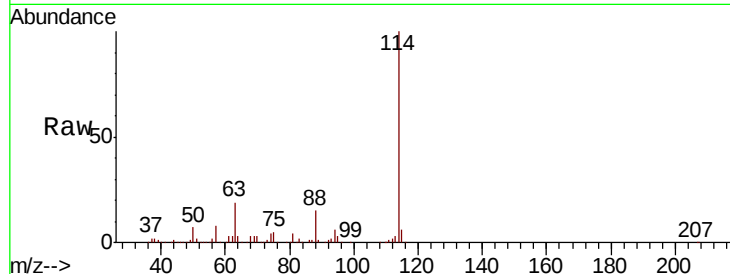




#35
 Trichloroethene
 Concen: 2.071 ug/L
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.24 min
 Lab File: VW004370.D
 Acq: 01 Aug 2018 12:18

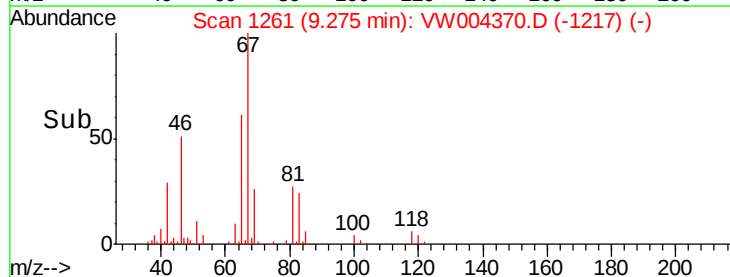
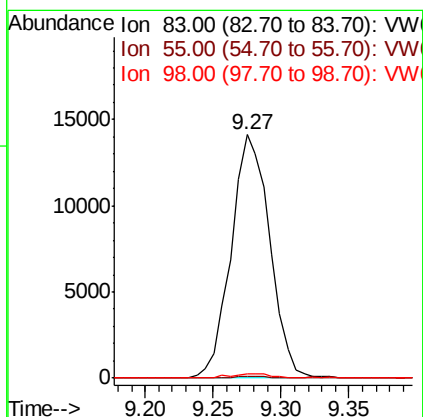
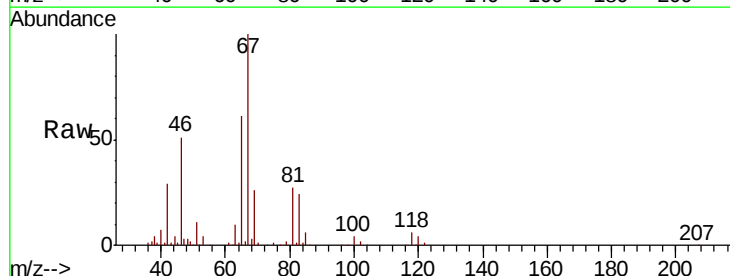
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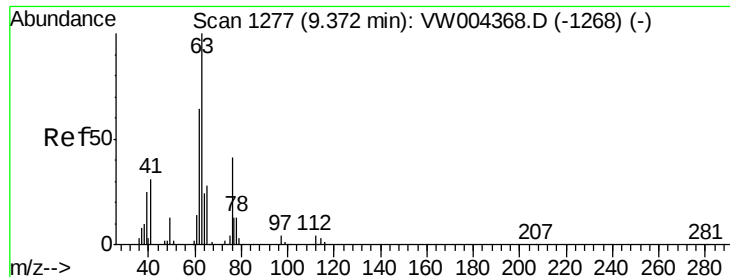
Tot Ion	95	Resp	8219
Ion Ratio	100		
Lower		45.6	
Upper		84.6#	
132	0.0	71.2	132.2#
130	0.0	73.9	137.3#



#36
 Methylcyclohexane
 Concen: 3.954 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.06 min
 Lab File: VW004370.D
 Acq: 01 Aug 2018 12:18

Tgt Ion	83	Resp	27988
Ion Ratio	100		
Lower		58.2	
Upper		87.2#	
98	1.4	37.7	56.5#





#40

1,2-Dichloropropane

Concen: 3.327 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004370.D

Acq: 01 Aug 2018 12:18

Instrument :

MSVOA_W

ClientSampleId :

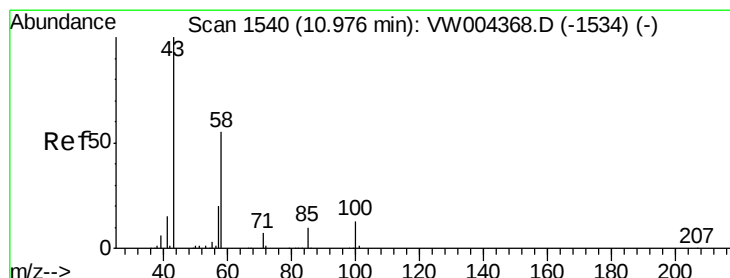
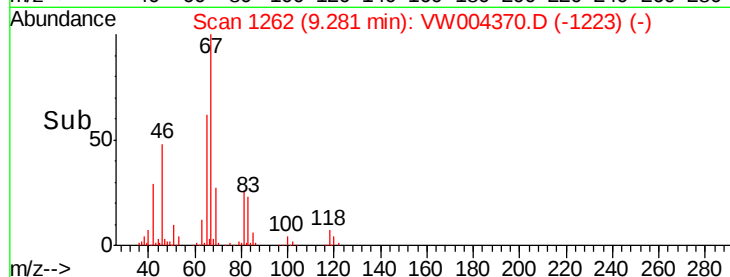
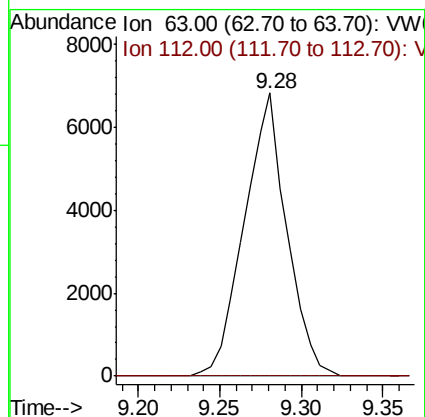
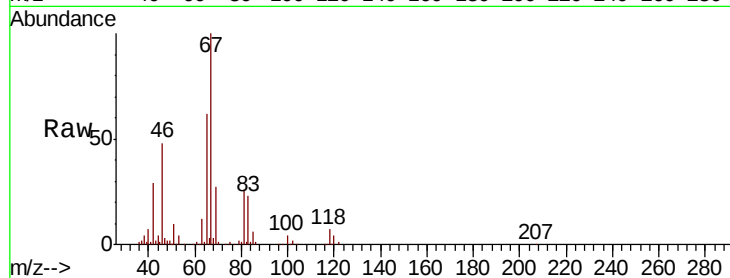
JJ1J2

Tot Ion: 63 Resp: 12373

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#49

2-Hexanone

Concen: 3.031 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

Lab File: VW004370.D

Acq: 01 Aug 2018 12:18

Tgt Ion: 43 Resp: 6781

Ion Ratio Lower Upper

43 100

58 26.1 44.0 66.0#

57 31.5 16.0 24.0#

100 0.0 10.7 16.1#

