

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004957.D
 Acq On : 25 Aug 2018 00:49
 Operator : SY/AP
 Sample : J4649-01
 Misc : 3.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB88

Quant Time: Aug 25 01:36:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	111603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	119027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	47267	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	52906	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.32%
7) Chloroethane-d5	2.90	69	41424	26.49	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.96%
10) 1,1-Dichloroethene-d2	4.02	63	57733	21.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.72%
20) 2-Butanone-d5	7.09	46	143	0.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.66%#
24) Chloroform-d	7.68	84	3243	1.31	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	5.24%#
26) 1,2-Dichloroethane-d4	8.31	65	45906	34.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.40%#
29) Benzene-d6	8.28	84	167502	27.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.44%
33) 1,2-Dichloropropane-d6	9.28	67	52844	29.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.52%
37) Toluene-d8	10.33	98	138578	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.48%
38) trans-1,3-Dichloropropene-	10.59	79	18526	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.94	63	233	0.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	467	0.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1.04%#
61) 1,2-Dichlorobenzene-d4	13.87	152	52860	27.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.36%

Target Compounds

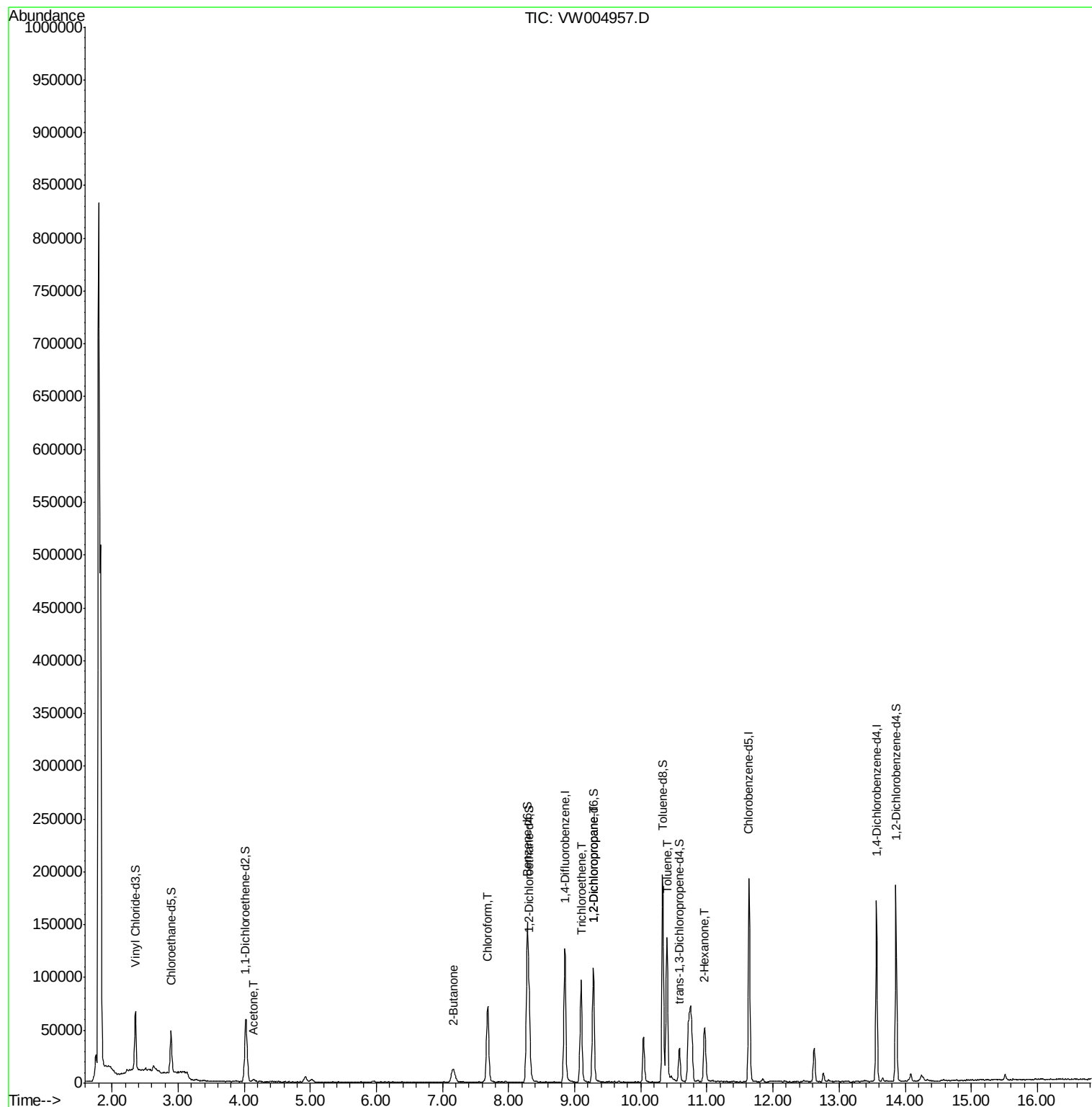
					Qvalue
13) Acetone	4.14	43	2674	8.041 ug/L	72
21) 2-Butanone	7.18	43	13598	26.556 ug/L #	58
25) Chloroform	7.69	83	72494	29.286 ug/L	99
35) Trichloroethene	9.10	95	32251	19.111 ug/L	98
40) 1,2-Dichloropropane	9.28	63	5569	3.336 ug/L #	88
44) Toluene	10.40	91	104201	12.785 ug/L	99
49) 2-Hexanone	10.97	43	21621	22.702 ug/L #	81

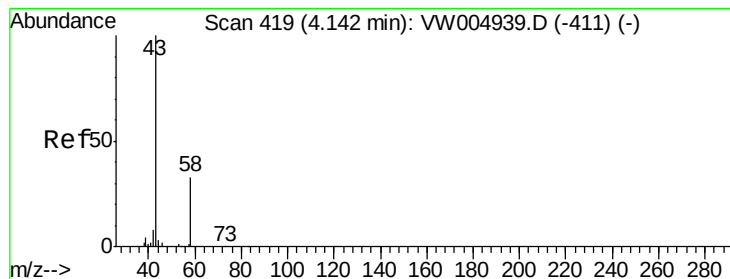
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 8.041 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

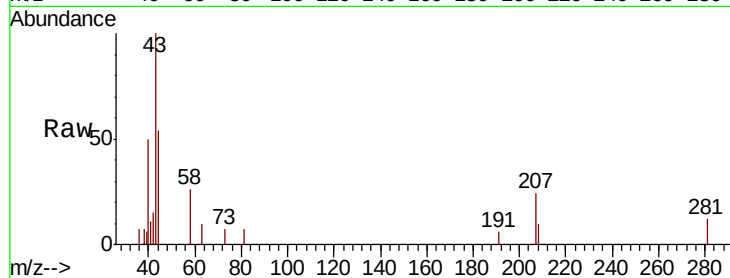
GAB88

Tgt Ion: 43 Resp: 2674

Ion Ratio Lower Upper

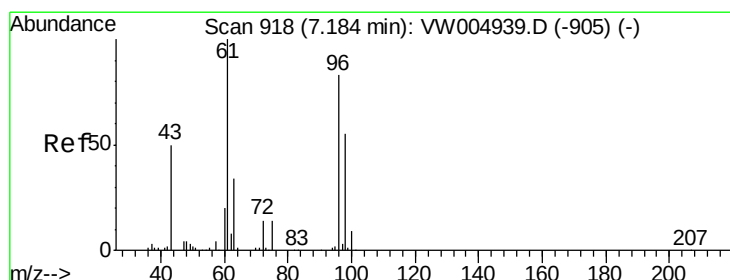
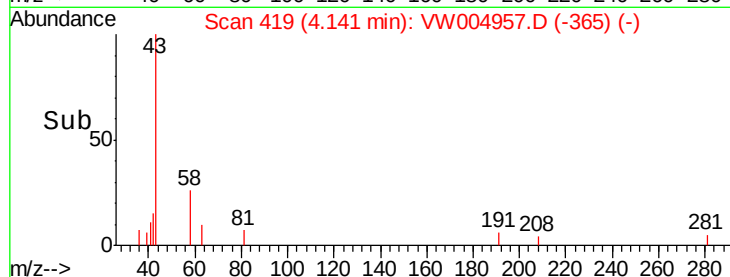
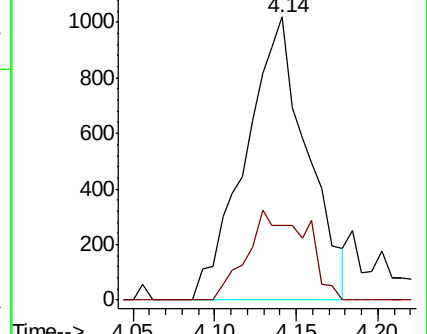
43 100

58 18.4 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 26.556 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004957.D

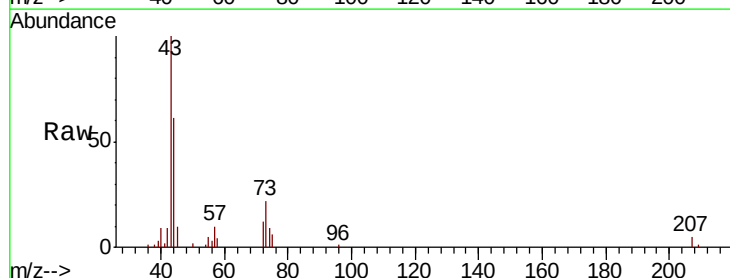
Acq: 25 Aug 2018 00:49

Tgt Ion: 43 Resp: 13598

Ion Ratio Lower Upper

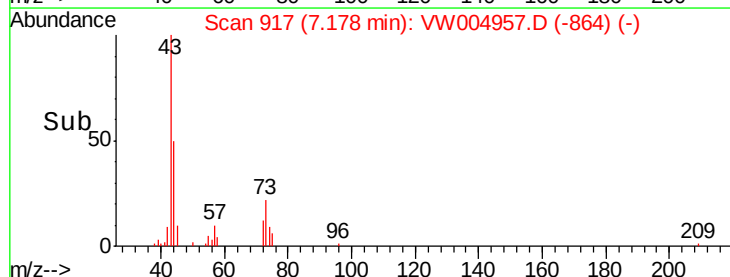
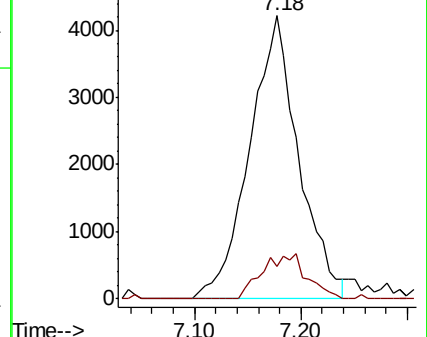
43 100

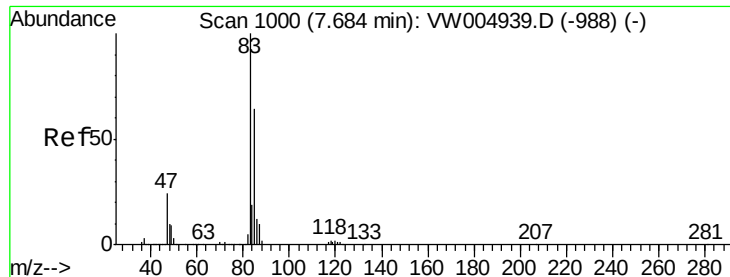
72 6.1 14.2 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#25

Chloroform

Concen: 29.286 ug/L

RT: 7.69 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VW004957.D

Acq: 25 Aug 2018 00:49

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ClientSampleId :

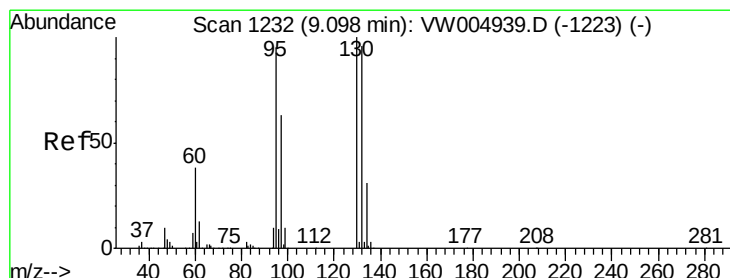
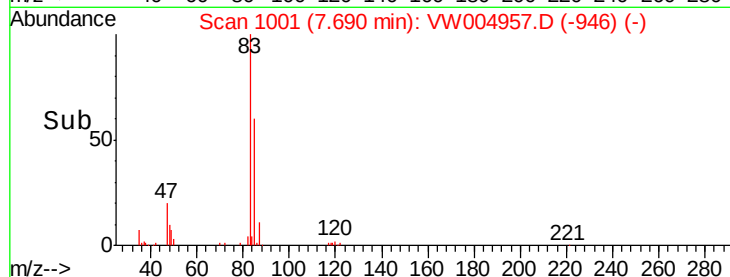
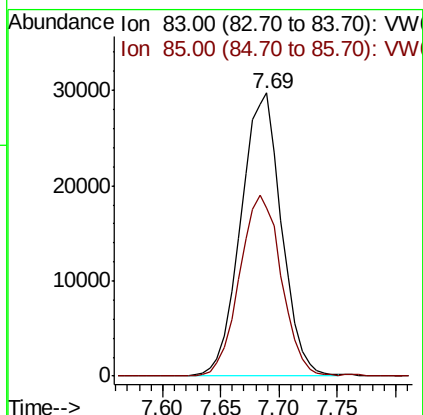
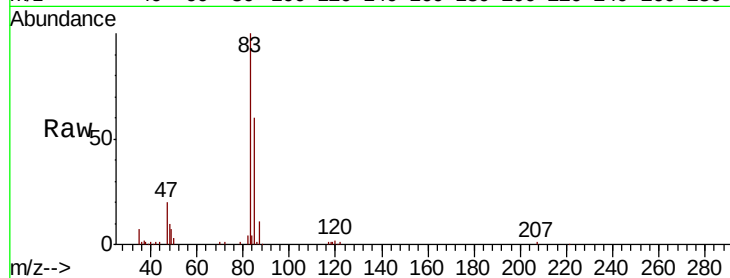
GAB88

Tgt Ion: 83 Resp: 72494

Ion Ratio Lower Upper

83 100

85 65.4 46.3 85.9



#35

Trichloroethene

Concen: 19.111 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004957.D

Acq: 25 Aug 2018 00:49

Tgt Ion: 95 Resp: 32251

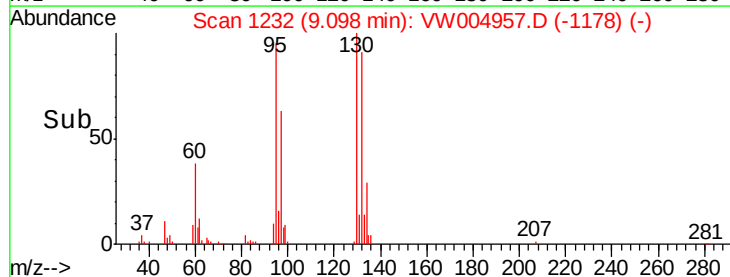
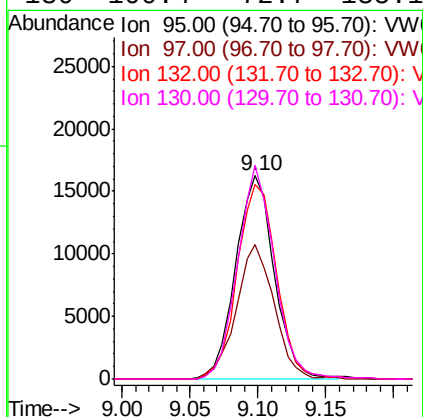
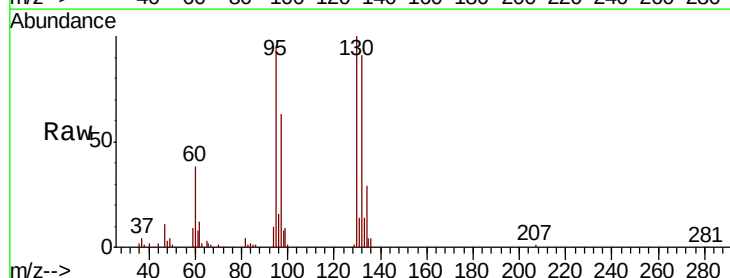
Ion Ratio Lower Upper

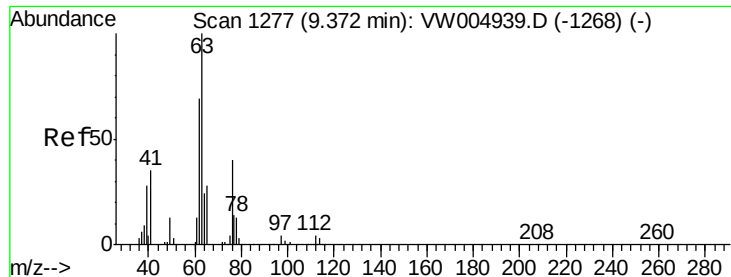
95 100

97 64.6 45.9 85.3

132 97.6 69.2 128.4

130 100.4 72.7 135.1

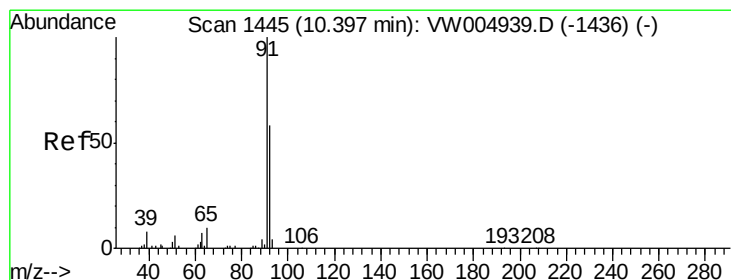
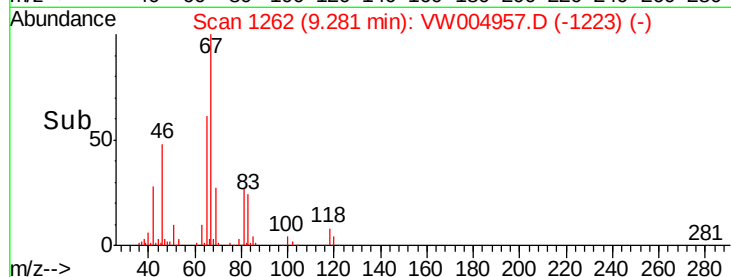
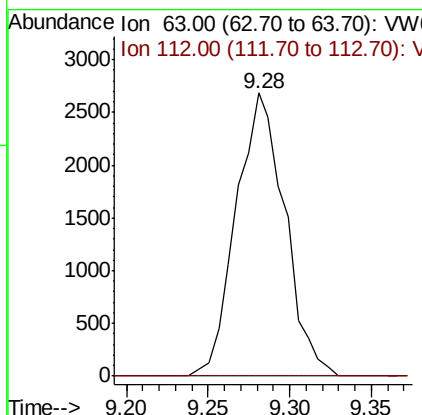
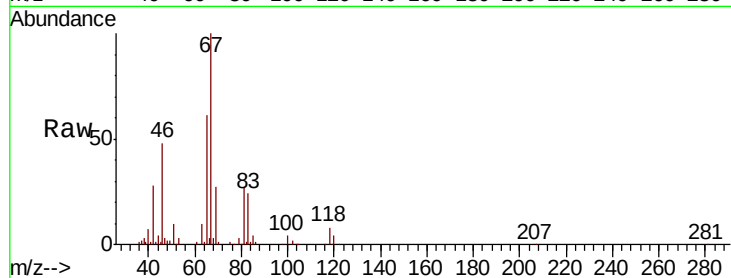




#40
 1,2-Dichloropropane
 Concen: 3.336 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.09 min
 Lab File: VW004957.D
 Acq: 25 Aug 2018 00:49

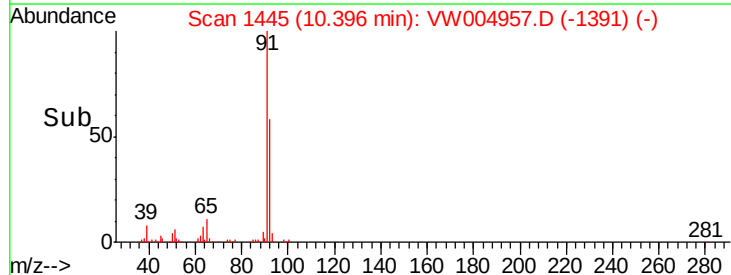
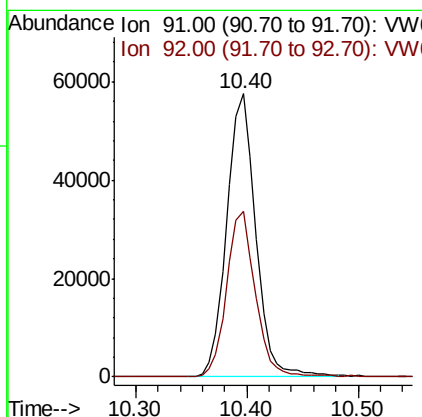
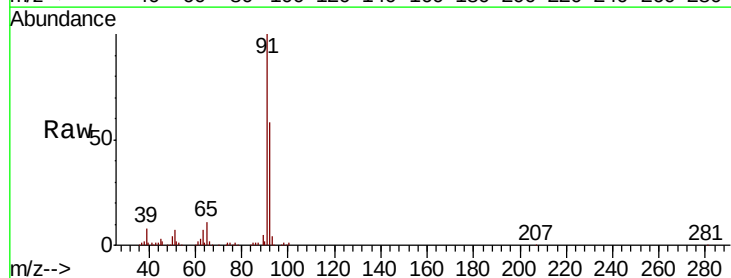
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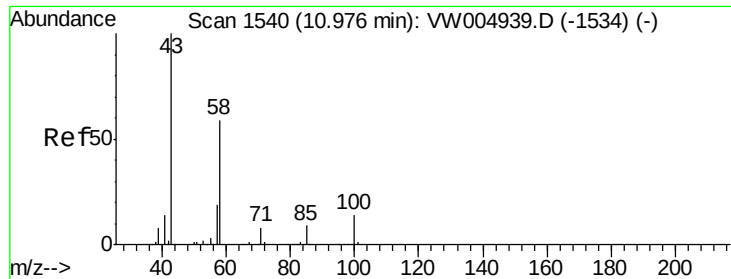
Tgt Ion: 63 Resp: 5569
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 Toluene
 Concen: 12.785 ug/L
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW004957.D
 Acq: 25 Aug 2018 00:49

Tgt Ion: 91 Resp: 104201
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.6 75.4





#49

2-Hexanone

Concen: 22.702 ug/L

RT: 10.97 min Scan# 1539

Delta R.T. -0.01 min

Lab File: VW004957.D

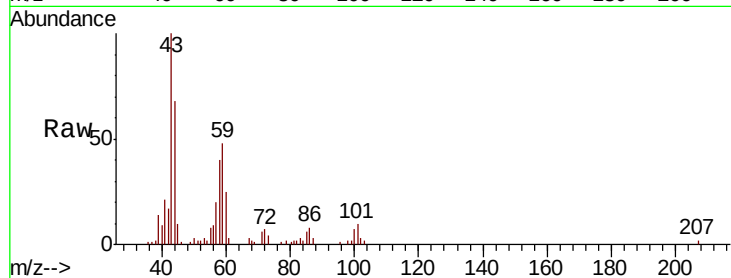
Acq: 25 Aug 2018 00:49

Instrument :

MSVOA_W

ClientSampleId :

GAB88



Tgt Ion: 43 Resp: 21621

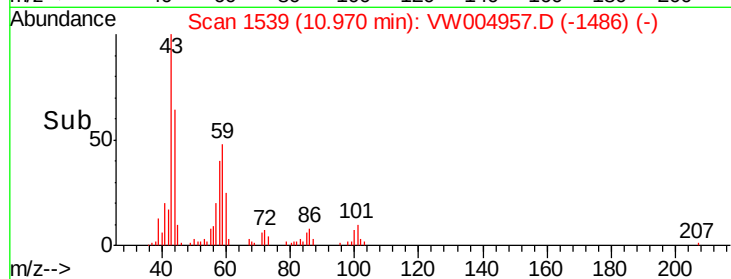
Ion Ratio Lower Upper

43 100

58 37.0 44.6 67.0#

57 18.5 15.4 23.2

100 6.3 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

