

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003363.D
 Acq On : 20 Jun 2018 20:11
 Operator : SY/AP
 Sample : J3569-08
 Misc : 7.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXQ9

Quant Time: Jun 21 05:05:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	302921	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	92895	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109349	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
7) Chloroethane-d5	2.89	69	88502	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
10) 1,1-Dichloroethene-d2	4.17	63	181	0.02	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.09	46	68439	52.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.74%
24) Chloroform-d	7.65	84	203614	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.31	65	130110	27.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.92%
29) Benzene-d6	8.28	84	385827	29.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.04%
33) 1,2-Dichloropropane-d6	9.28	67	124905	29.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.72%
37) Toluene-d8	10.33	98	333616	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.88%
38) trans-1,3-Dichloropropene-	10.59	79	48369	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.76%
39) 2-Hexanone-d5	10.93	63	48316	56.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103751	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	79355	22.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.48%

Target Compounds

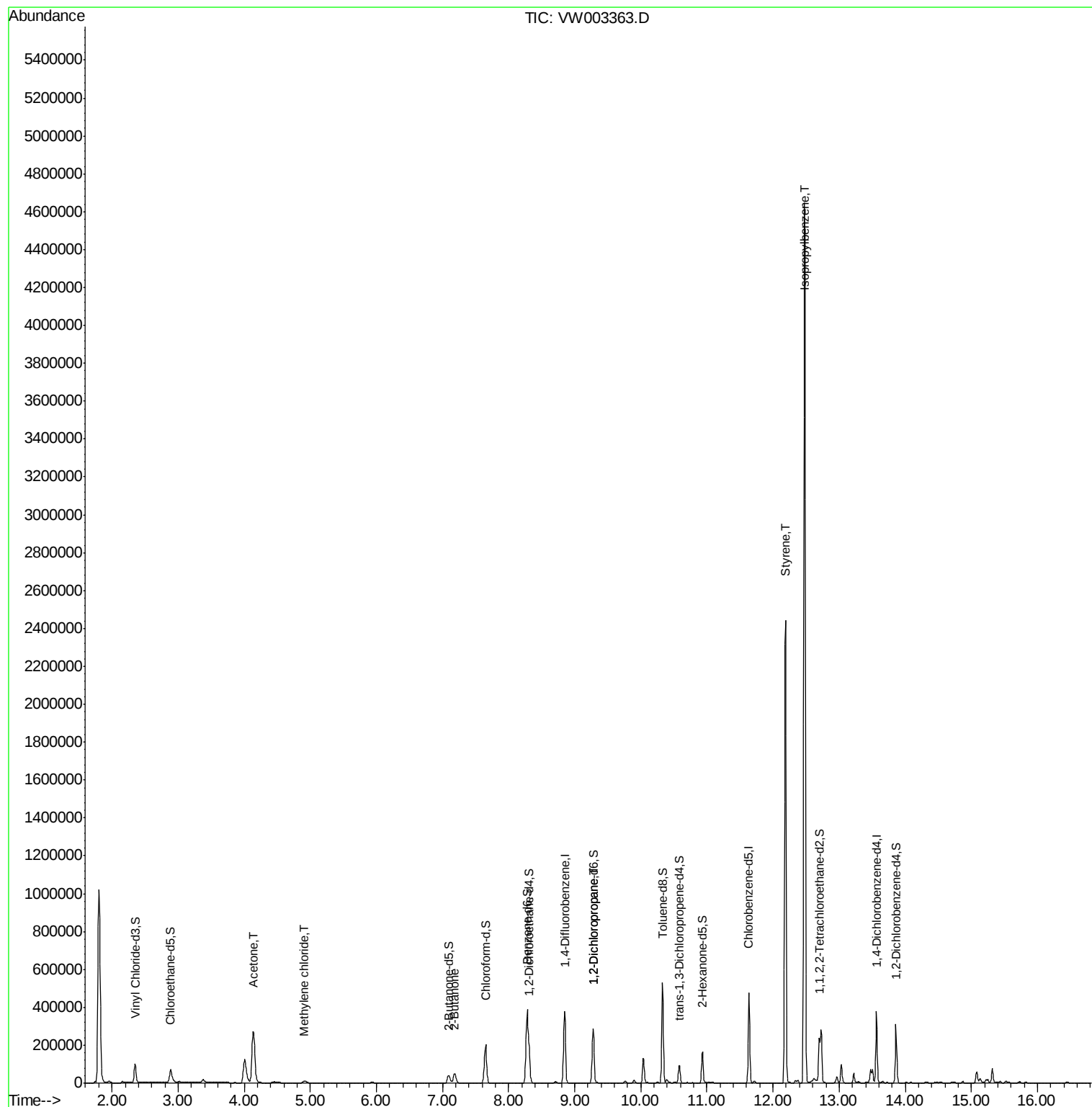
					Qvalue
13) Acetone	4.14	43	536785	389.007 ug/L	98
16) Methylene chloride	4.92	84	8504	2.037 ug/L	89
21) 2-Butanone	7.18	43	77374	47.717 ug/L	97
40) 1,2-Dichloropropane	9.27	63	15352	4.117 ug/L #	88
56) Styrene	12.19	104	1107489	105.347 ug/L	95
57) Isopropylbenzene	12.48	105	185575	10.984 ug/L #	1

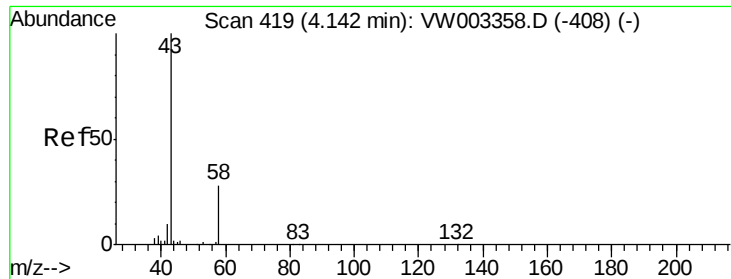
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 21 05:02:42 2018
Response via : Initial Calibration





#13

Acetone

Concen: 389.007 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003363.D

Acq: 20 Jun 2018 20:11

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ClientSampleId :

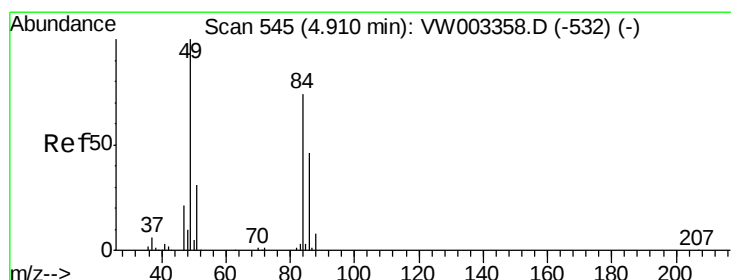
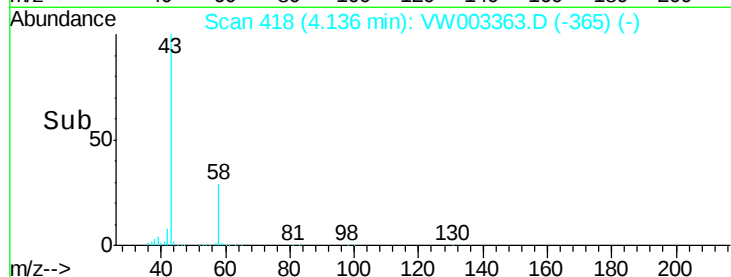
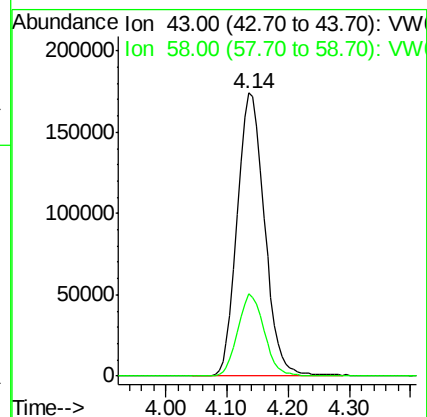
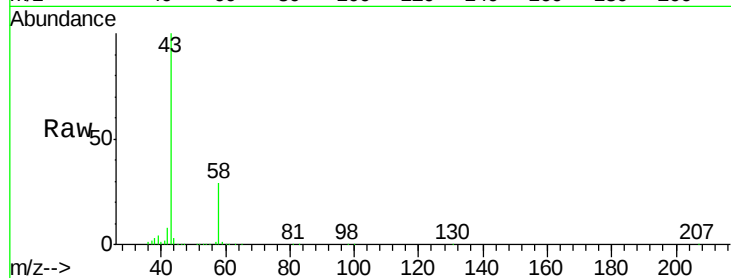
DAXQ9

Tgt Ion: 43 Resp: 536785

Ion Ratio Lower Upper

43 100

58 28.2 0.0 58.6



#16

Methylene chloride

Concen: 2.037 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003363.D

Acq: 20 Jun 2018 20:11

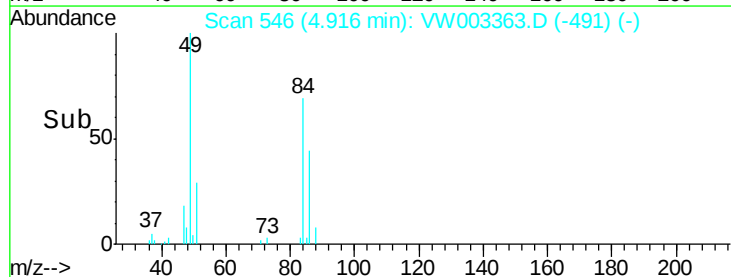
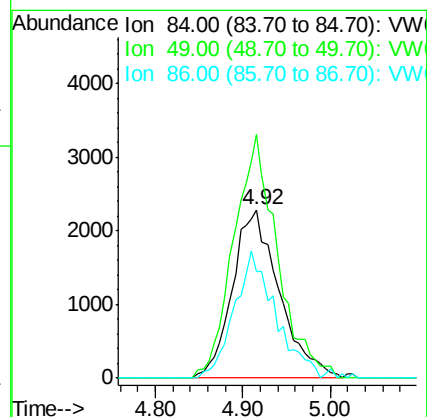
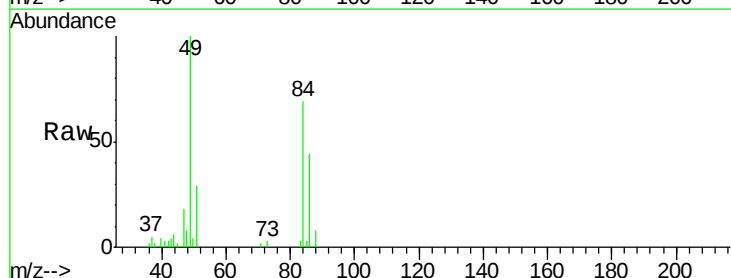
Tgt Ion: 84 Resp: 8504

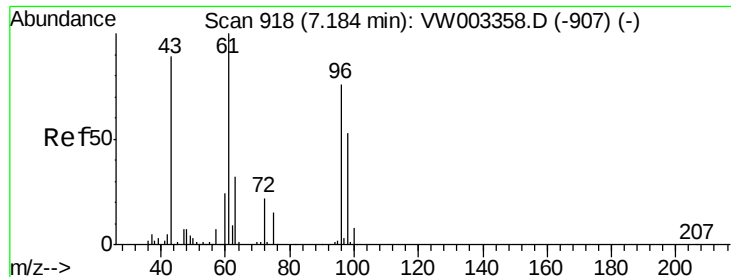
Ion Ratio Lower Upper

84 100

49 144.8 88.7 164.7

86 63.3 44.2 82.0

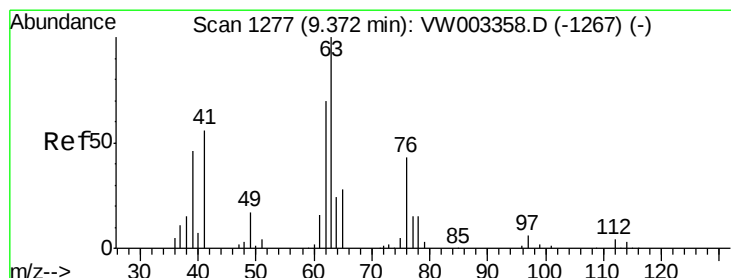
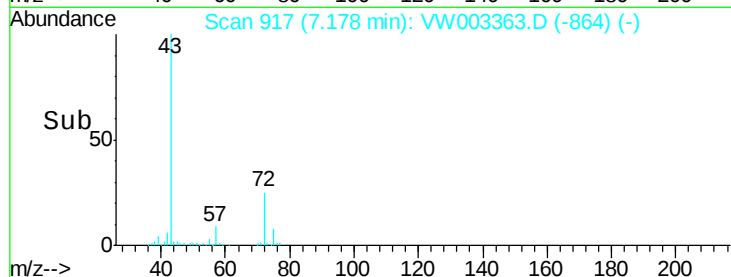
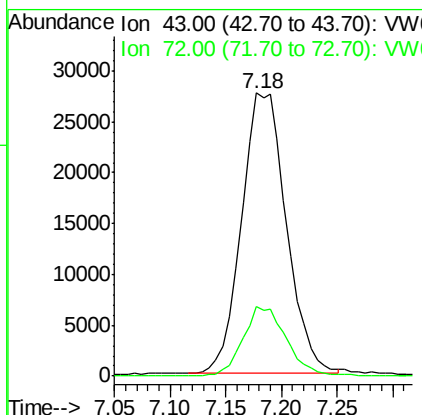
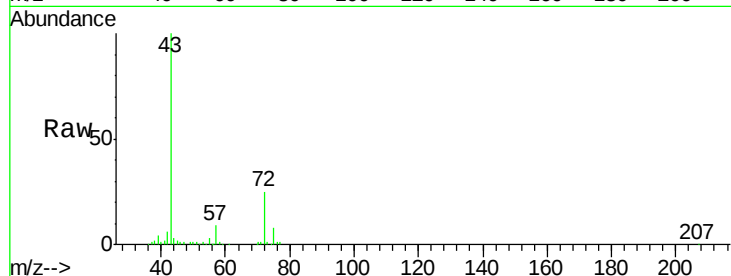




#21
 2-Butanone
 Concen: 47.717 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VW003363.D
 Acq: 20 Jun 2018 20:11

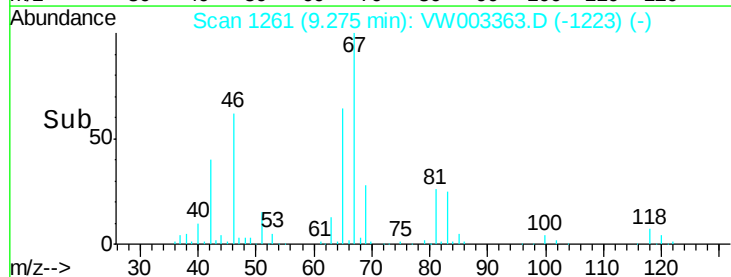
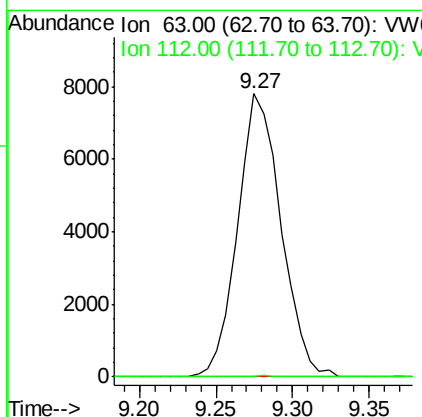
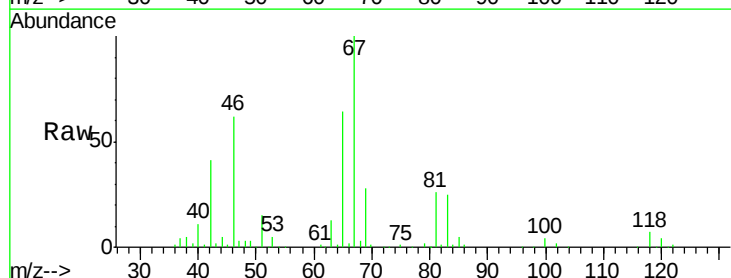
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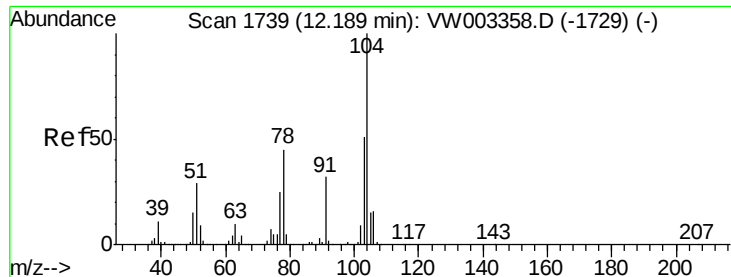
Tgt Ion: 43 Resp: 77374
 Ion Ratio Lower Upper
 43 100
 72 23.7 12.5 37.5



#40
 1,2-Dichloropropane
 Concen: 4.117 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.10 min
 Lab File: VW003363.D
 Acq: 20 Jun 2018 20:11

Tgt Ion: 63 Resp: 15352
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.0#





#56

Styrene

Concen: 105.347 ug/L

RT: 12.19 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VW003363.D

Acq: 20 Jun 2018 20:11

Instrument :

MSVOA_W

ClientSampled :

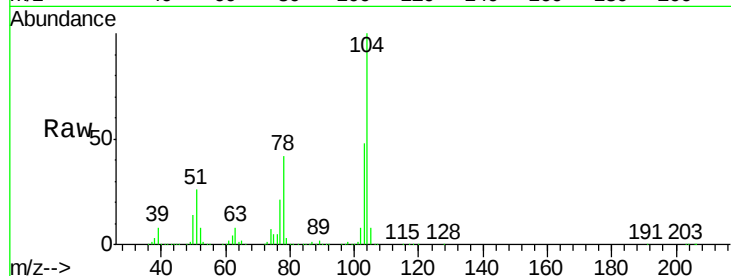
DAXQ9

Tgt Ion:104 Resp: 1107489

Ion Ratio Lower Upper

104 100

78 42.3 32.1 59.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

12.19

800000

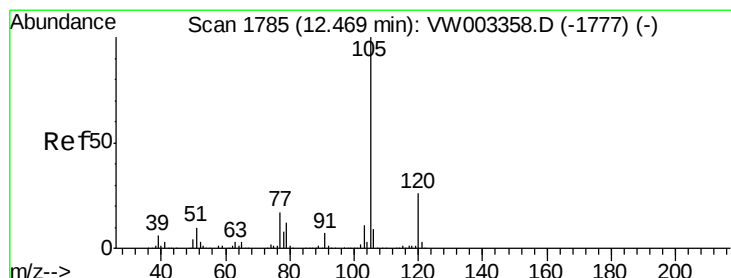
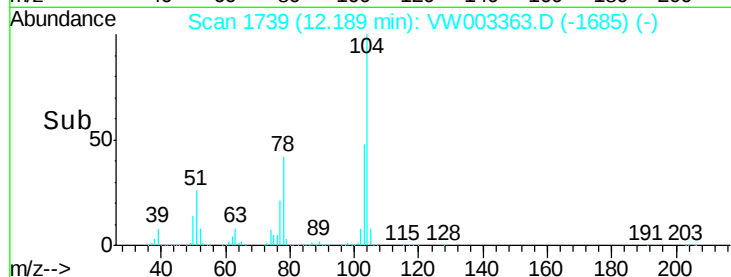
600000

400000

200000

0

Time--> 12.10 12.15 12.20 12.25



#57

Isopropylbenzene

Concen: 10.984 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003363.D

Acq: 20 Jun 2018 20:11

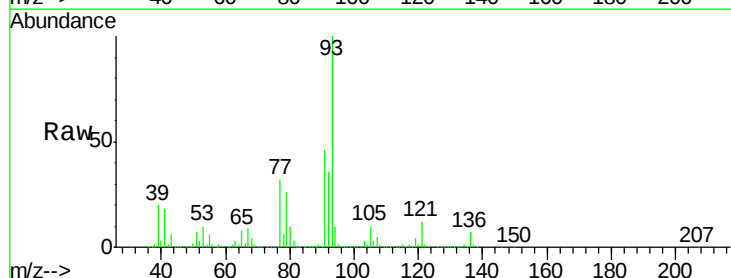
Tgt Ion:105 Resp: 185575

Ion Ratio Lower Upper

105 100

120 6.6 21.0 31.4#

77 300.5 13.3 19.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

12.48

400000

300000

200000

100000

0

Time--> 12.40 12.45 12.50 12.55

