

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059896.D
 Acq On : 23 Aug 2018 18:58
 Operator : JC/SY
 Sample : J4559-09RE
 Misc : 5.01µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-053RE

Quant Time: Aug 24 06:55:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	848917	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1260912	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	860226	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	296724	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	447914	62.60	ug/l	-0.03
Spiked Amount			Recovery	=	125.20%	
35) Dibromofluoromethane	6.30	113	521831	52.79	ug/l	-0.03
Spiked Amount			Recovery	=	105.58%	
50) Toluene-d8	9.44	98	1253789	45.70	ug/l	-0.02
Spiked Amount			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.43	95	403905	36.25	ug/l	0.00
Spiked Amount			Recovery	=	72.50%	

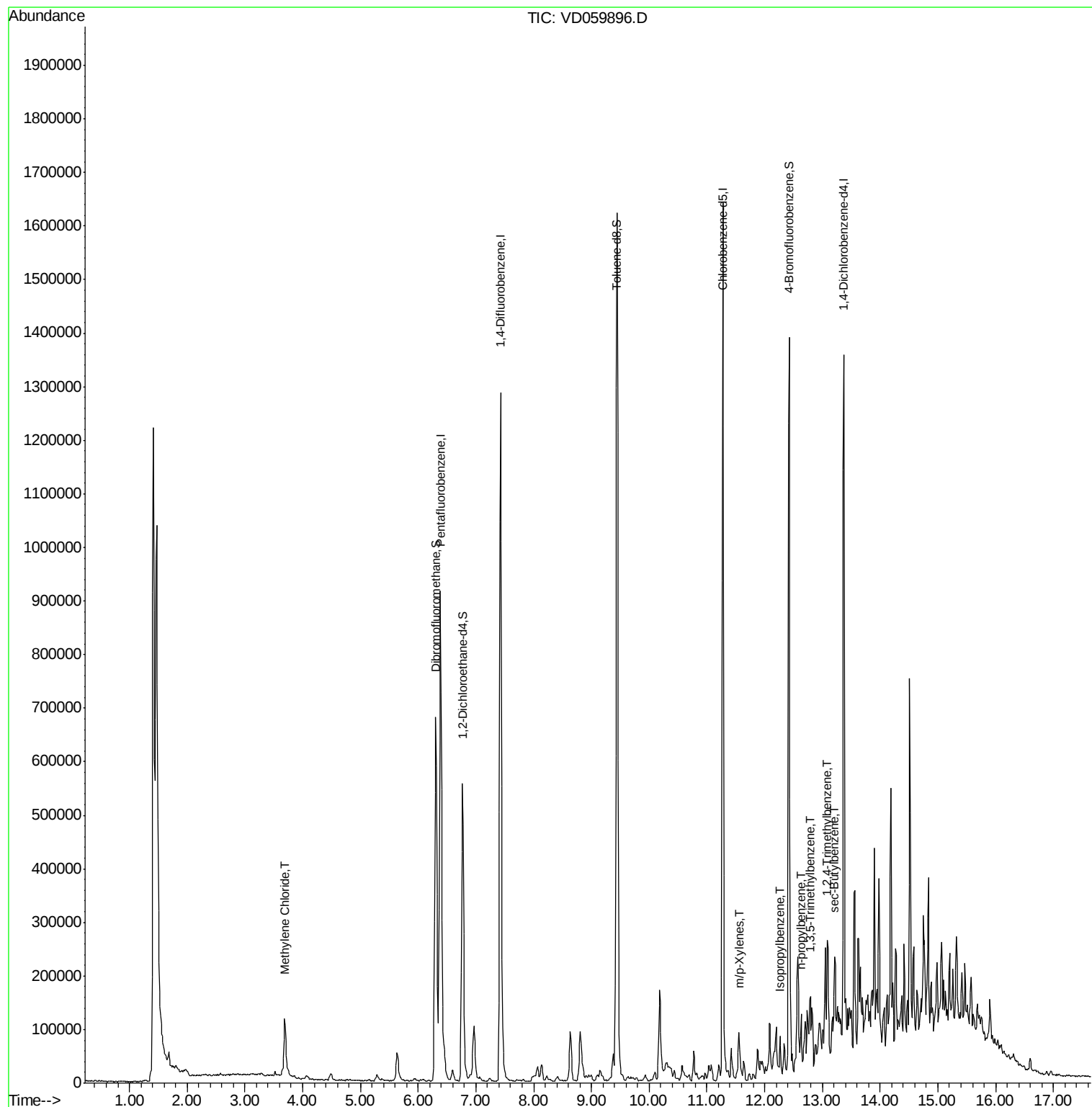
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.69	84	55411	2.86	ug/l	98
68) m/p-Xylenes	11.56	106	23983	2.29	ug/l	92
73) Isopropylbenzene	12.27	105	22962	1.21	ug/l	91
78) n-propylbenzene	12.63	91	64795	2.70	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	47336	3.14	ug/l	95
84) 1,2,4-Trimethylbenzene	13.08	105	76650	4.88	ug/l	98
85) sec-Butylbenzene	13.21	105	38316	1.90	ug/l	89

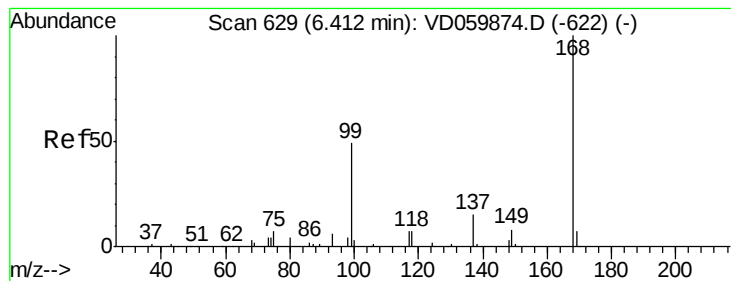
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059896.D
Acq On : 23 Aug 2018 18:58
Operator : JC/SY
Sample : J4559-09RE
Misc : 5.01a/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053RE

Quant Time: Aug 24 06:55:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 627

Delta R.T. -0.02 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

Instrument :

MSVOA_D

ClientSampleId :

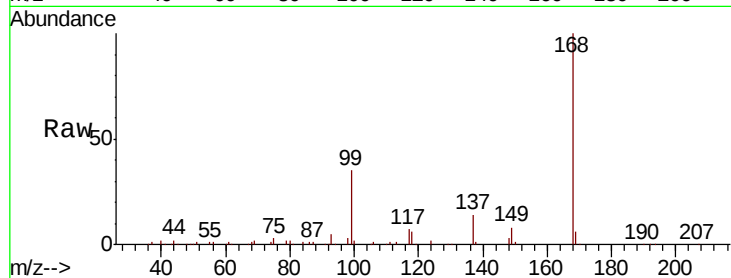
RA-081718-WSW-20-053RE

Tot Ion:168 Resp: 848917

Ion Ratio Lower Upper

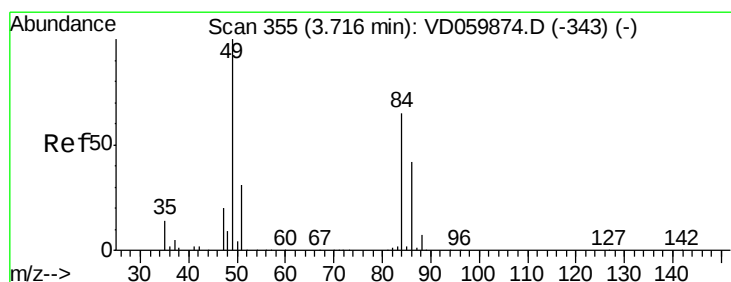
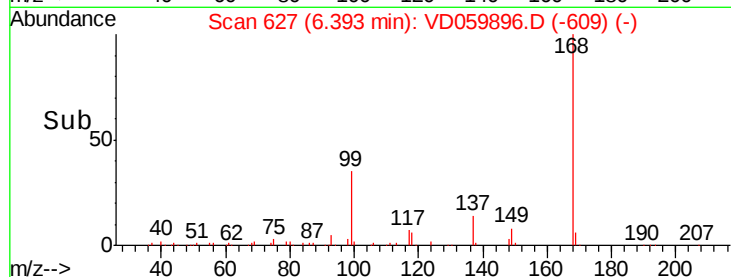
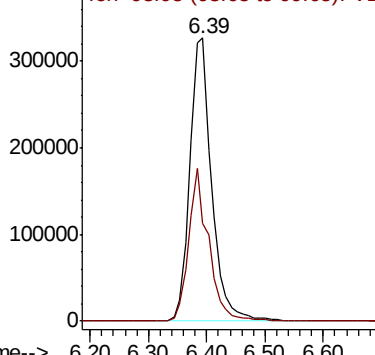
168 100

99 34.6 42.2 63.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.86 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.03 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

Tgt Ion: 84 Resp: 55411

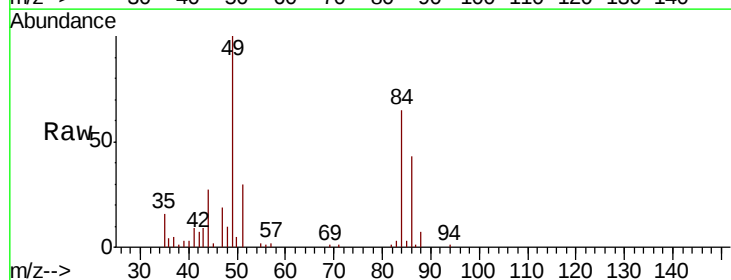
Ion Ratio Lower Upper

84 100

49 154.7 122.6 183.8

51 46.0 38.4 57.6

86 66.5 51.5 77.3

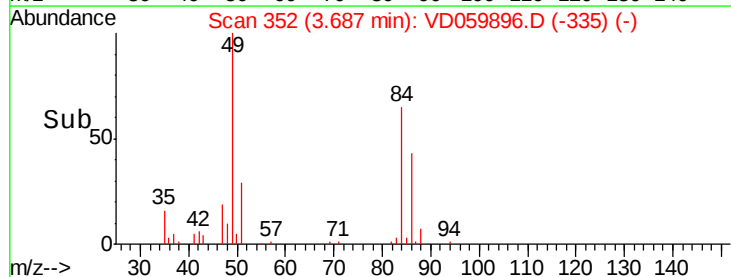
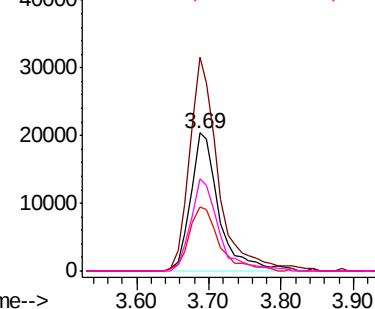


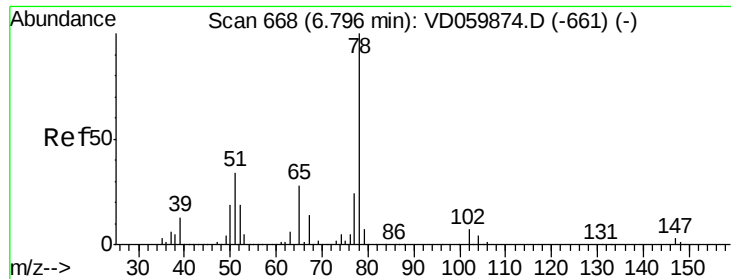
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.03 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

Instrument :

MSVOA_D

ClientSampleId :

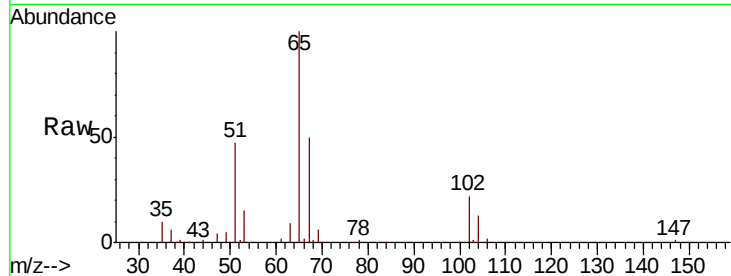
RA-081718-WSW-20-053RE

Tot Ion: 65 Resp: 447914

Ion Ratio Lower Upper

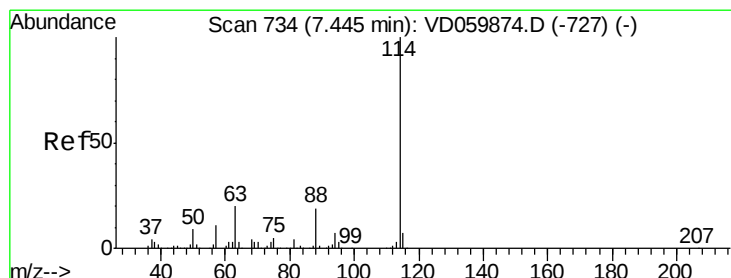
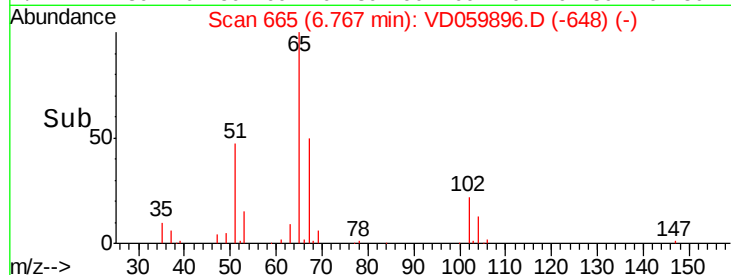
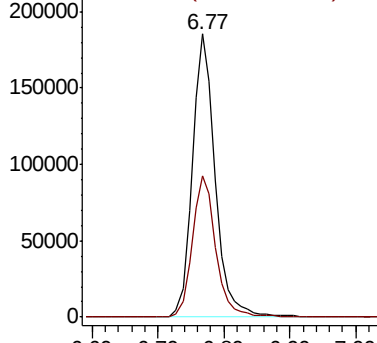
65 100

67 49.8 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

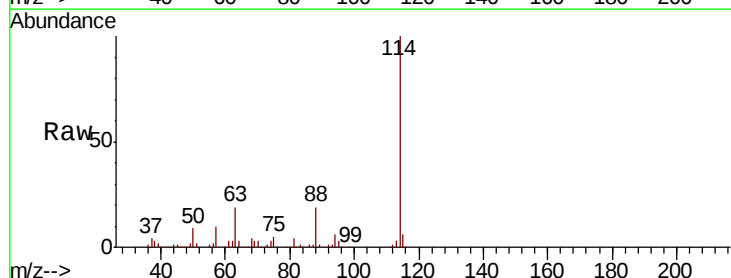
Tgt Ion: 114 Resp: 1260912

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

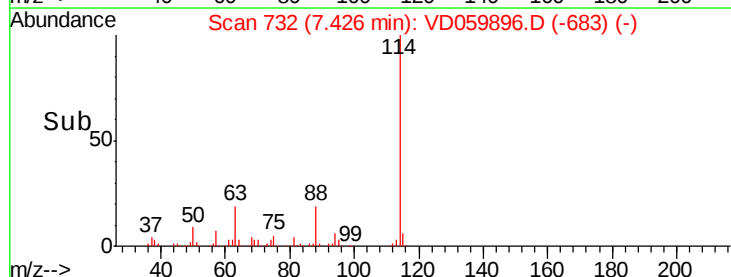
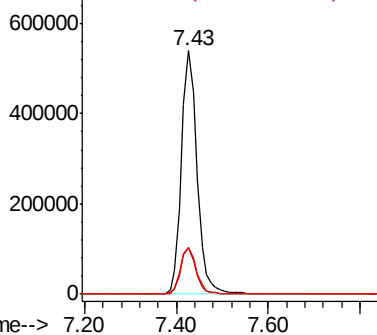
88 19.2 0.0 37.6

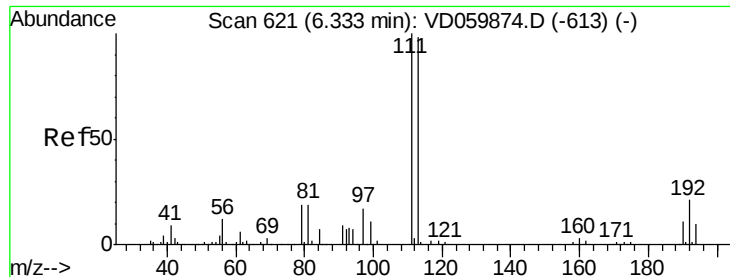


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 618

Delta R.T. -0.03 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-053RE

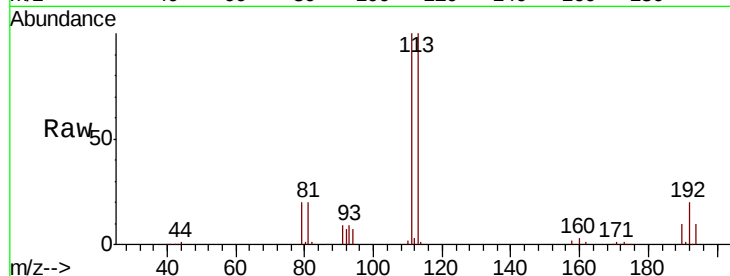
Tot Ion:113 Resp: 521831

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.2

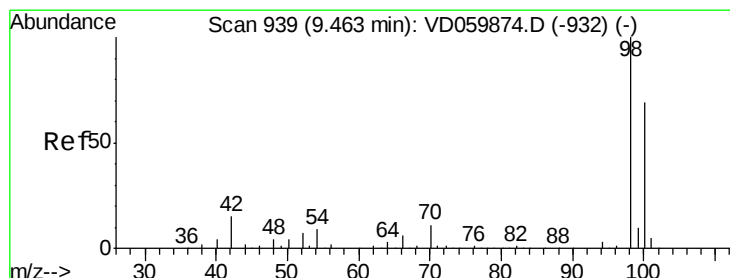
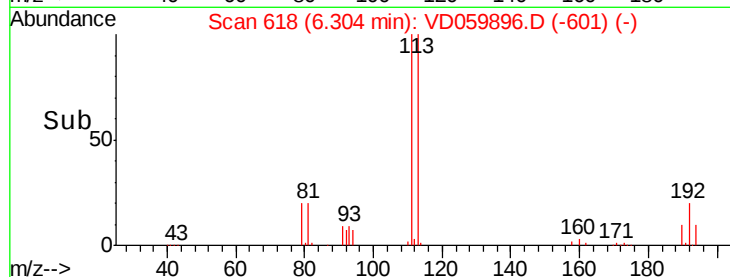
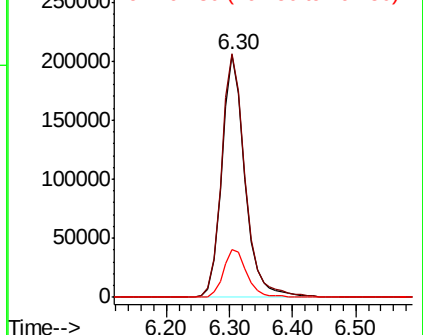
192 19.8 17.0 25.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059896.D

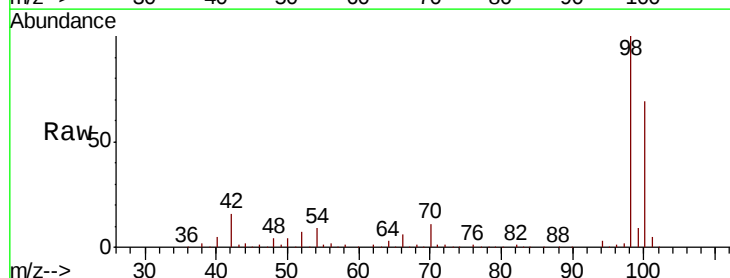
Acq: 23 Aug 2018 18:58

Tgt Ion: 98 Resp: 1253789

Ion Ratio Lower Upper

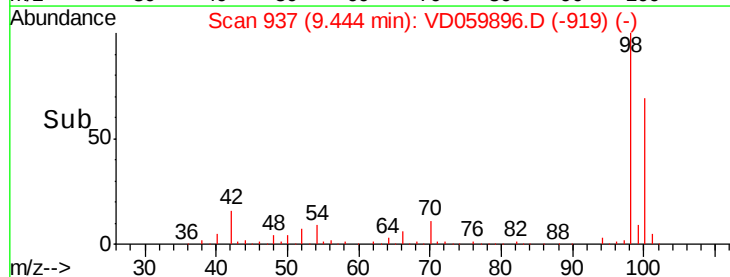
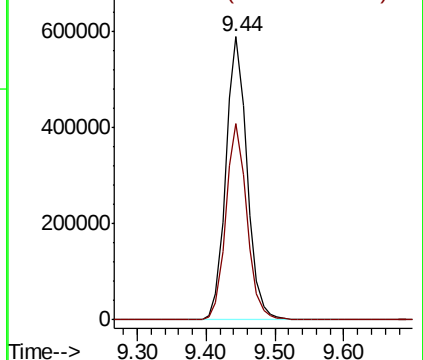
98 100

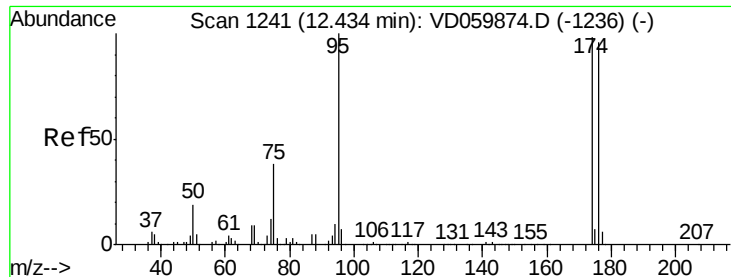
100 69.2 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-053RE

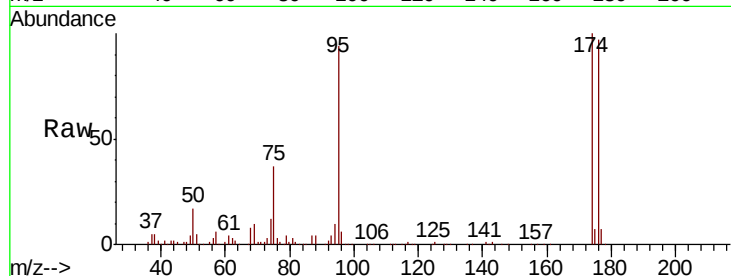
Tot Ion: 95 Resp: 403905

Ion Ratio Lower Upper

95 100

174 106.5 0.0 195.6

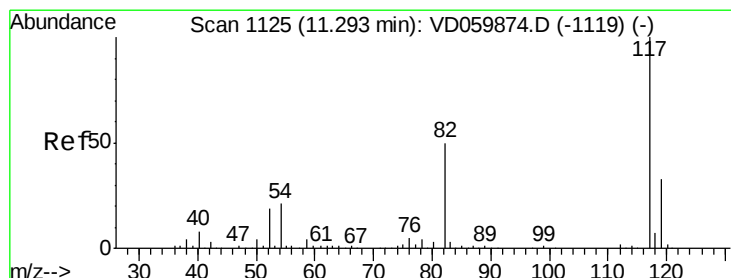
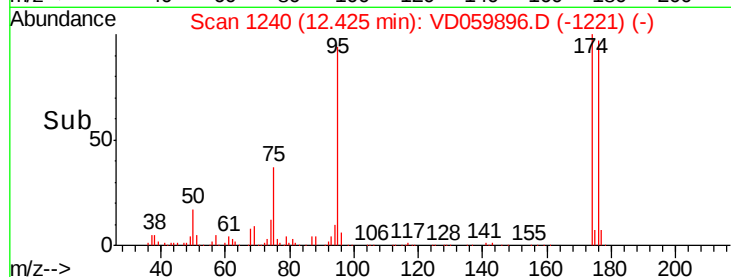
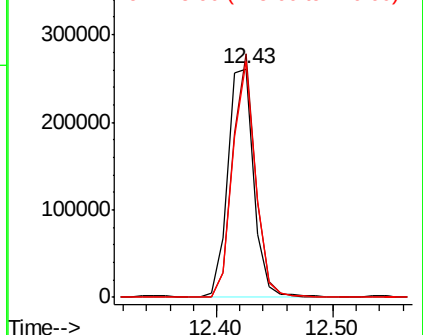
176 103.2 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

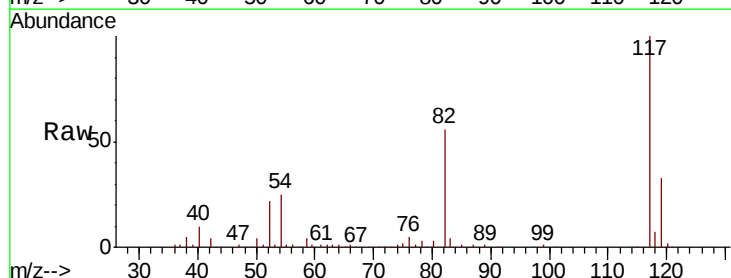
Tgt Ion: 117 Resp: 860226

Ion Ratio Lower Upper

117 100

82 55.7 40.1 60.1

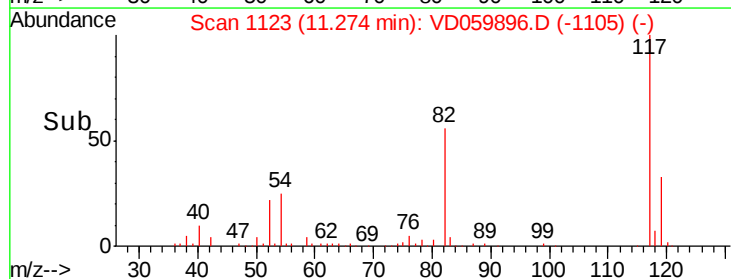
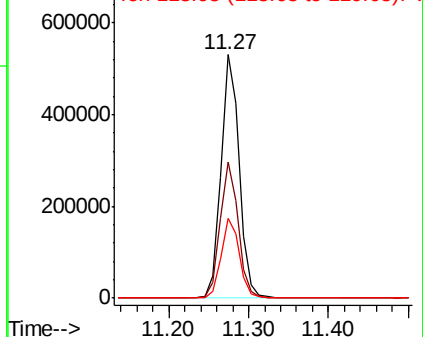
119 32.6 26.7 40.1

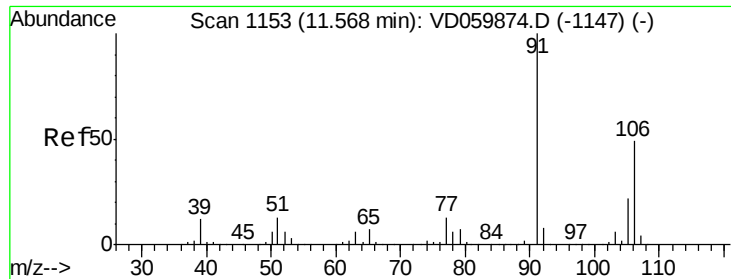


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

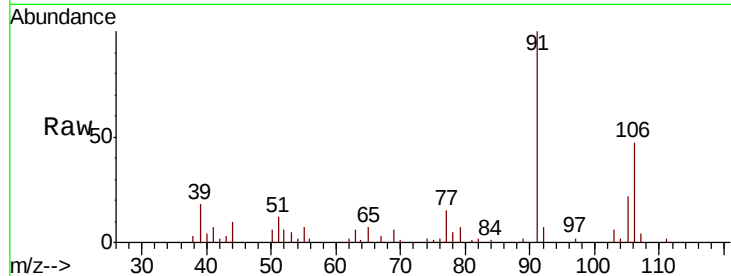




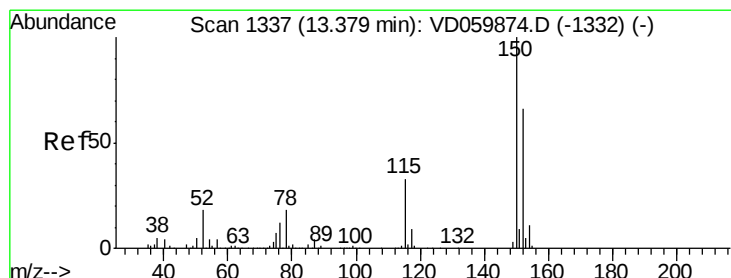
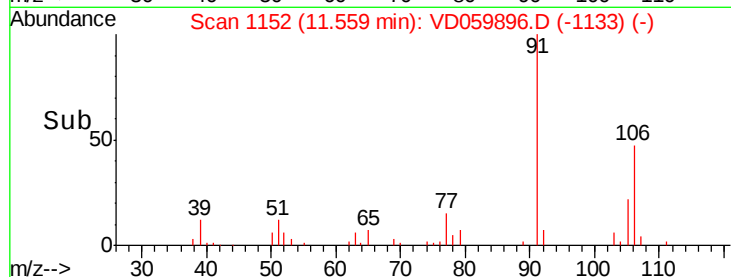
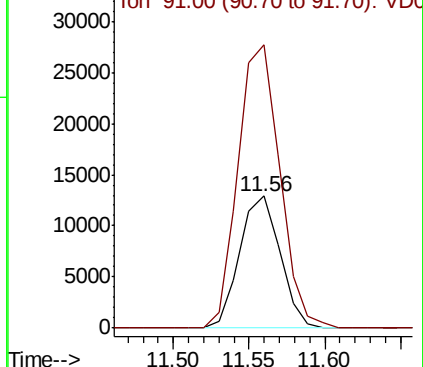
#68
m/p-Xvlenes
Concen: 2.29 ug/l
RT: 11.56 min Scan# 1152
Delta R.T. -0.01 min
Lab File: VD059896.D
Acq: 23 Aug 2018 18:58

Instrument :
MSVOA_D
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RA-081718-WSW-20-053RE

Tot Ion:106 Resp: 23983
Ion Ratio Lower Upper
106 100
91 214.3 162.0 243.0

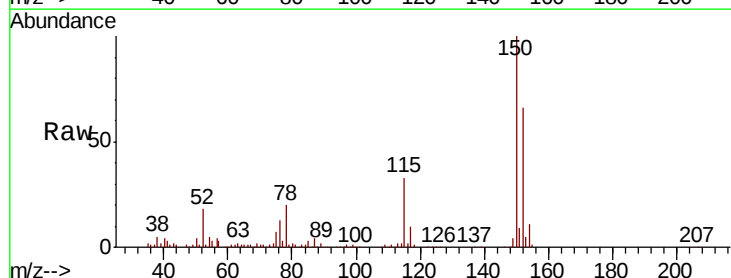


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

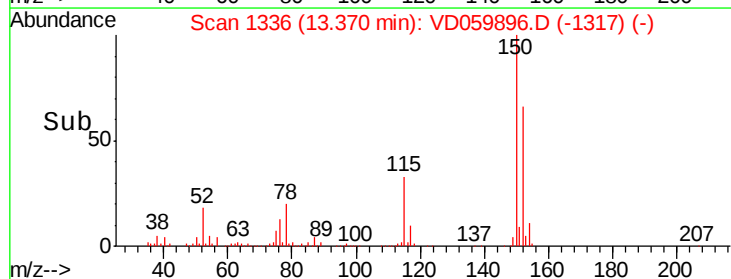
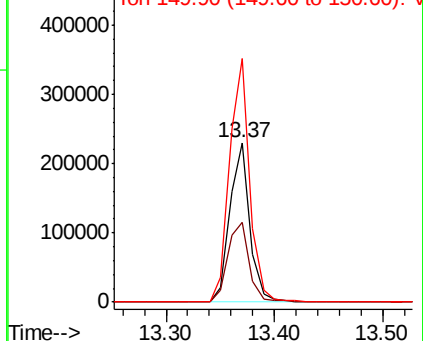


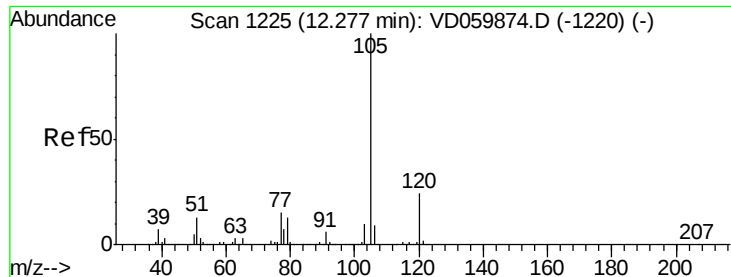
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VD059896.D
Acq: 23 Aug 2018 18:58

Tgt Ion:152 Resp: 296724
Ion Ratio Lower Upper
152 100
115 49.9 25.7 77.0
150 152.5 0.0 310.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.21 ug/l

RT: 12.27 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VD059896.D

Acq: 23 Aug 2018 18:58

Instrument :

MSVOA_D

ClientSampleId :

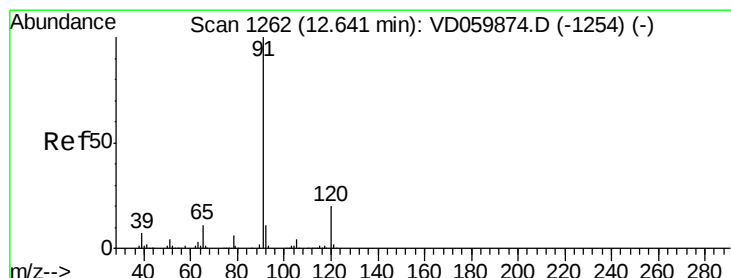
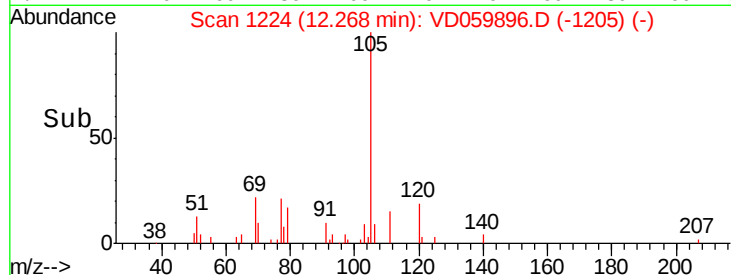
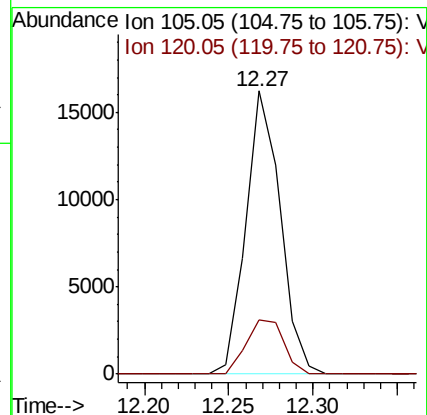
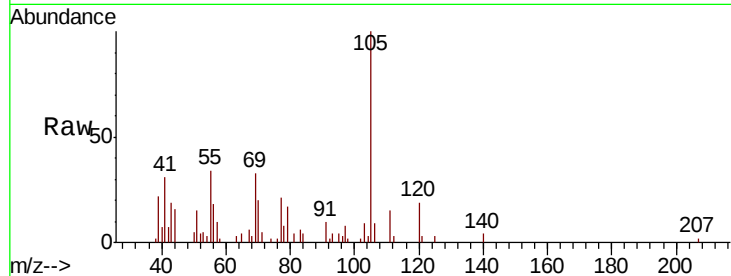
RA-081718-WSW-20-053RE

Tot Ion:105 Resp: 22962

Ion Ratio Lower Upper

105 100

120 19.1 11.8 35.4



#78

n-propylbenzene

Concen: 2.70 ug/l

RT: 12.63 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VD059896.D

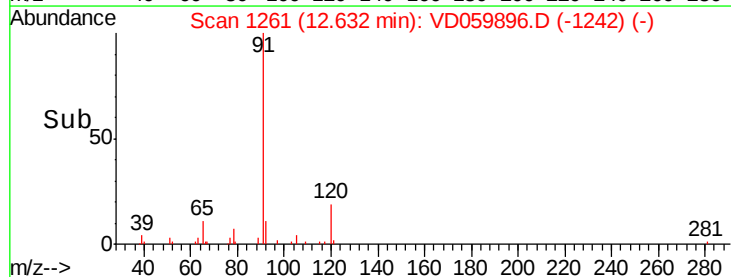
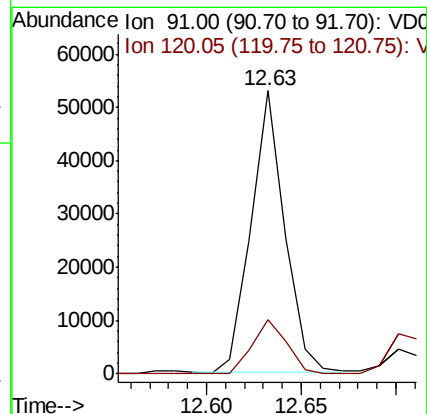
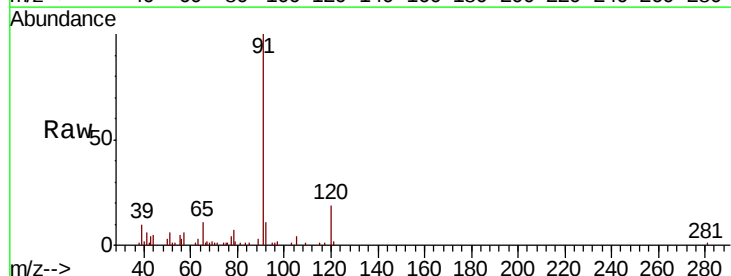
Acq: 23 Aug 2018 18:58

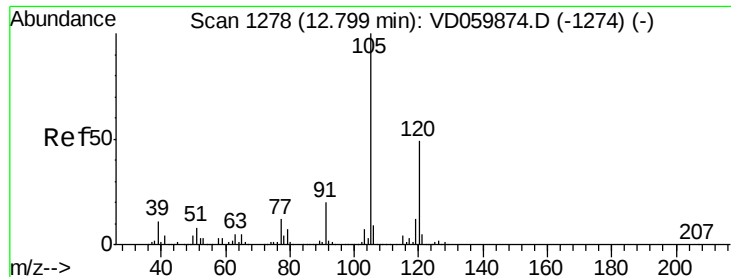
Tgt Ion: 91 Resp: 64795

Ion Ratio Lower Upper

91 100

120 19.0 10.1 30.3

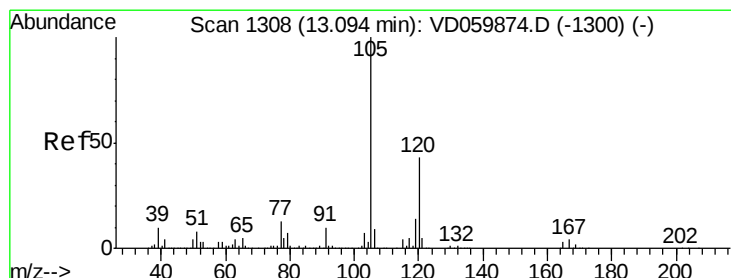
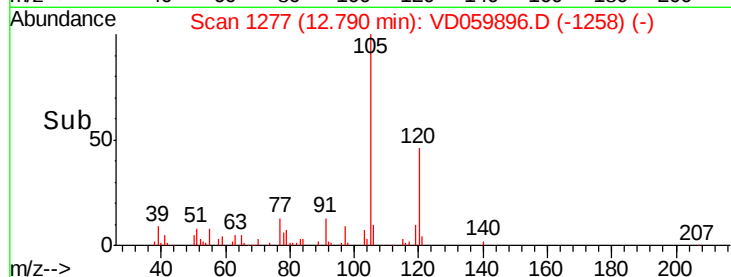
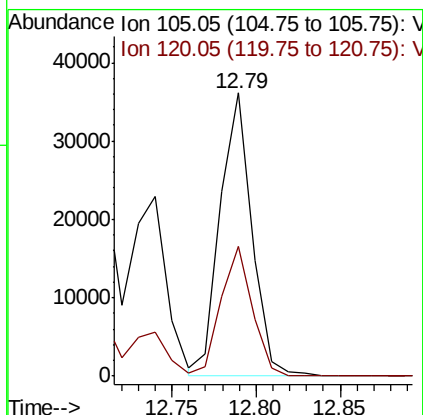
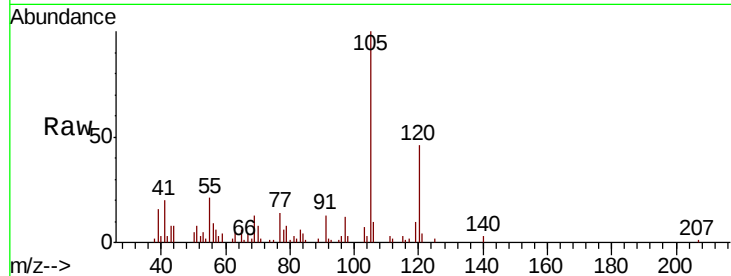




#80
 1,3,5-Trimethylbenzene
 Concen: 3.14 ug/l
 RT: 12.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VD059896.D
 Acq: 23 Aug 2018 18:58

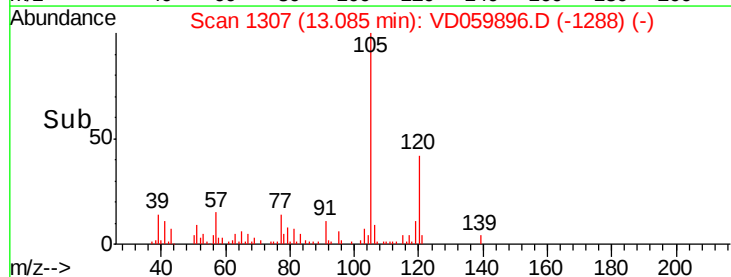
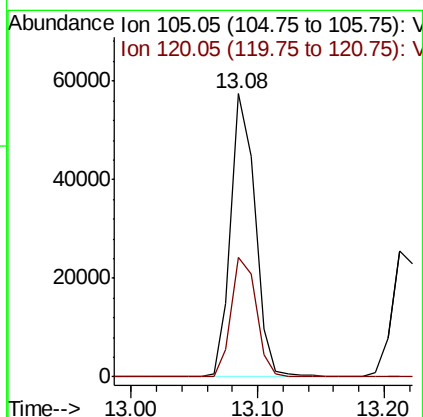
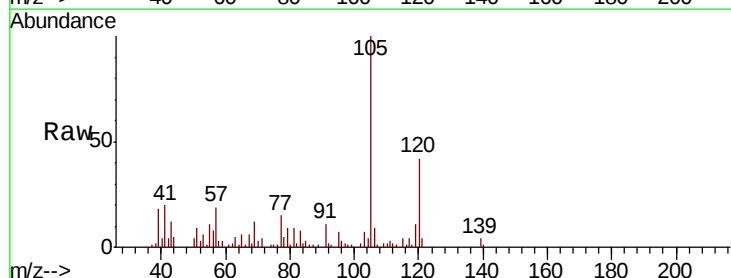
Instrument :
 MSVOA_D
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 RA-081718-WSW-20-053RE

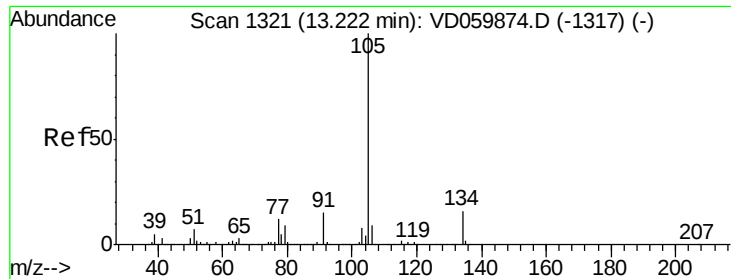
Tot Ion:105 Resp: 47336
 Ion Ratio Lower Upper
 105 100
 120 45.8 24.5 73.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.88 ug/l
 RT: 13.08 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: VD059896.D
 Acq: 23 Aug 2018 18:58

Tgt Ion:105 Resp: 76650
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 1.90 ug/l
 RT: 13.21 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VD059896.D
 Acq: 23 Aug 2018 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-053RE

Tot Ion:105 Resp: 38316
 Ion Ratio Lower Upper
 105 100
 134 20.9 8.2 24.4

