

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082418\
 Data File : VD059904.D
 Acq On : 24 Aug 2018 13:57
 Operator : JC/SY
 Sample : J4559-06RE
 Misc : 5.20g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

Quant Time: Aug 24 15:01:02 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

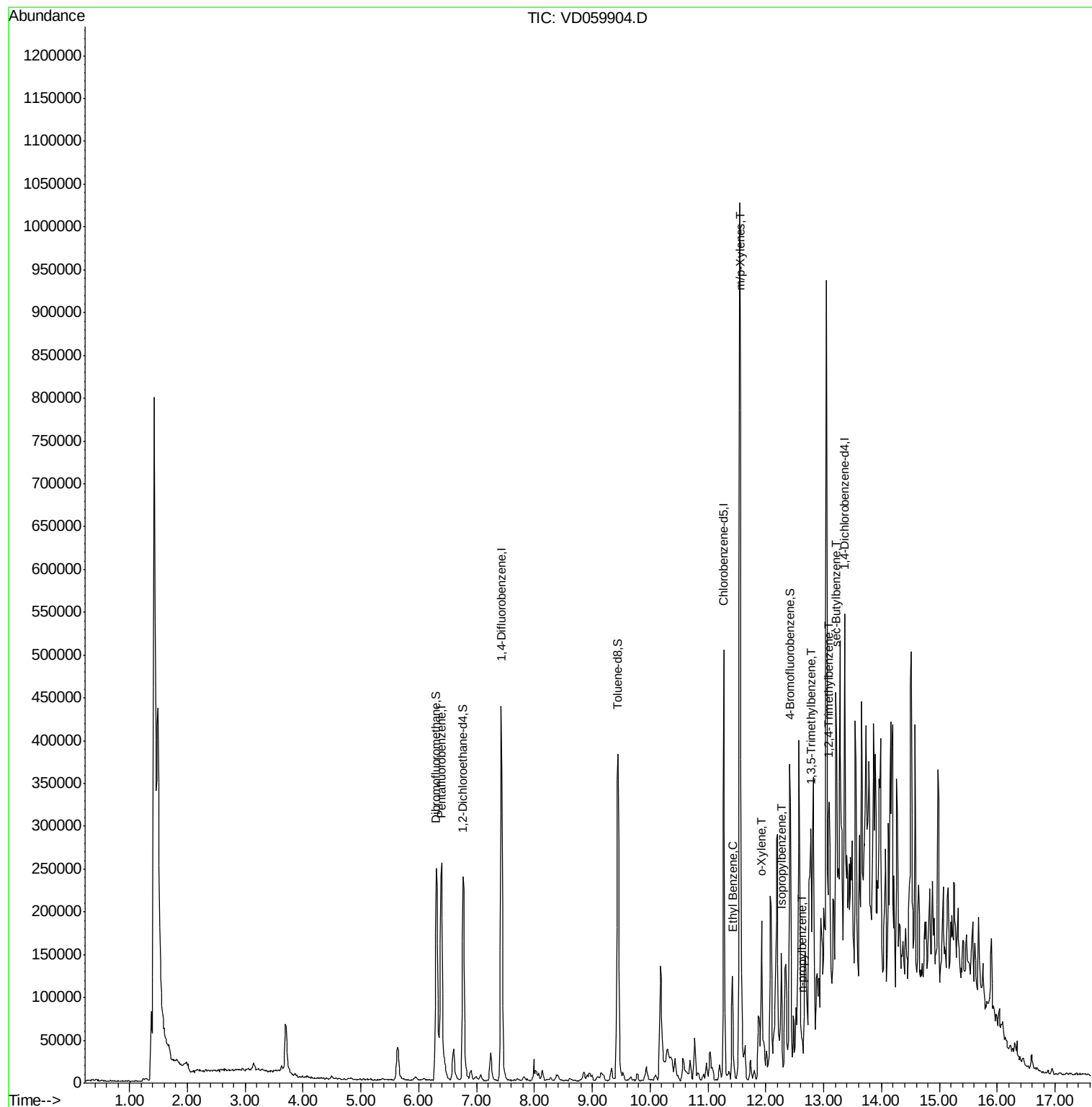
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	232946	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	422818	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	241295	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	66237	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	200100	101.92	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	203.84%	
35) Dibromofluoromethane	6.30	113	188012	56.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.44%	
50) Toluene-d8	9.44	98	299950	32.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.20%	
62) 4-Bromofluorobenzene	12.41	95	90171	24.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	48.26%	
Target Compounds						
67) Ethyl Benzene	11.42	91	72915	9.04	ug/l	97
68) m/p-Xylenes	11.55	106	274991	93.63	ug/l	90
69) o-Xylene	11.92	106	34742	12.09	ug/l	89
73) Isopropylbenzene	12.27	105	17592	4.16	ug/l	97
78) n-propylbenzene	12.63	91	10616	1.98	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	23053	6.86	ug/l	96
84) 1,2,4-Trimethylbenzene	13.08	105	48042	13.71	ug/l	100
85) sec-Butylbenzene	13.21	105	25335	5.63	ug/l	98

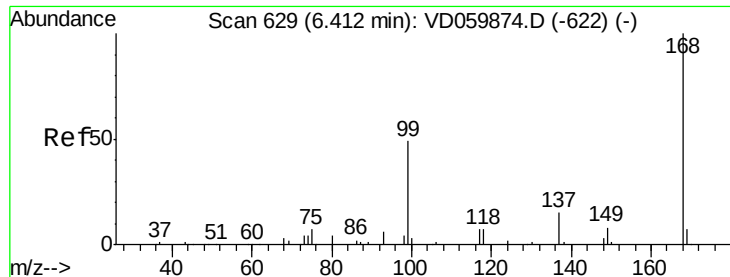
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RA-081718-SSW-115-050RE

Quant Time: Aug 24 15:01:02 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

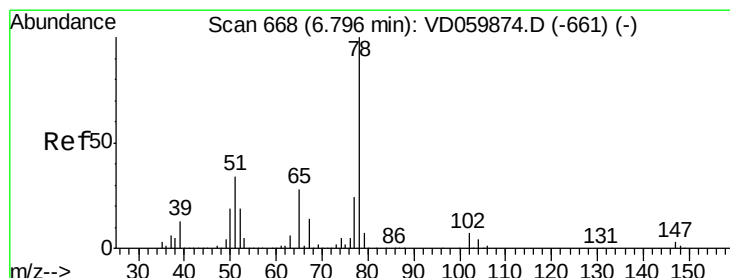
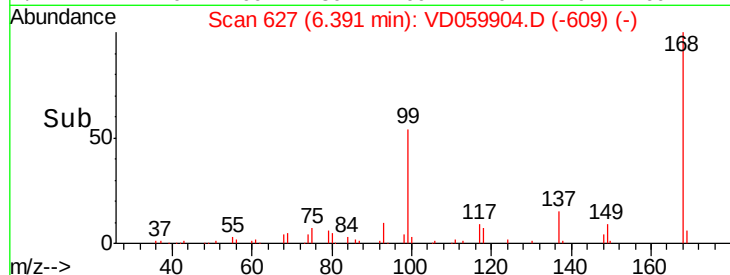
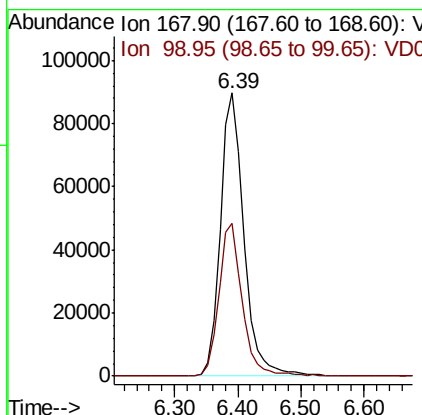
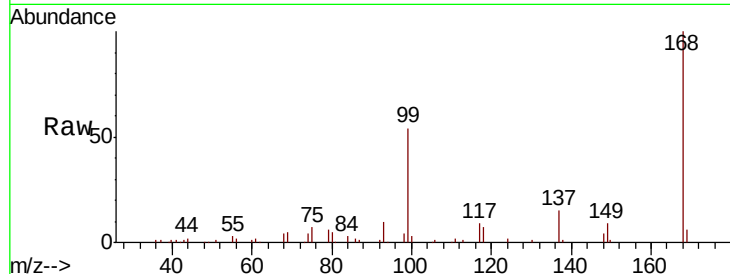




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.39 min Scan# 627
Delta R.T. -0.02 min
Lab File: VD059904.D
Acq: 24 Aug 2018 13:57

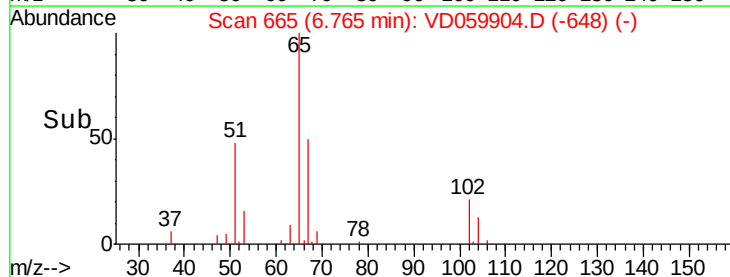
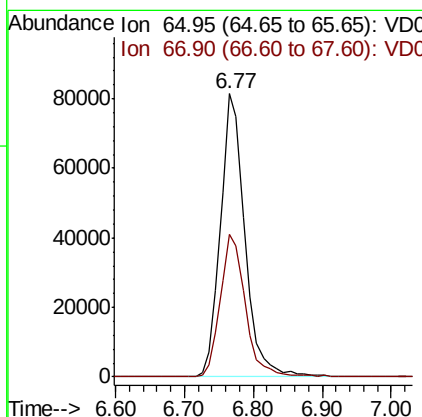
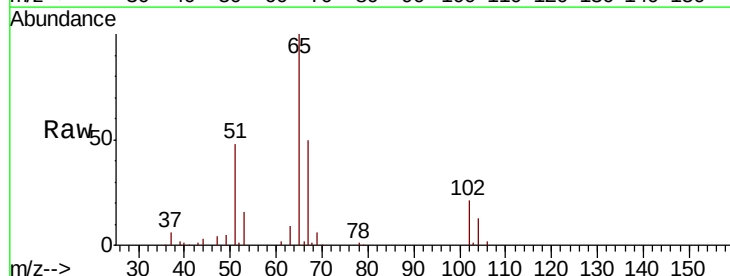
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

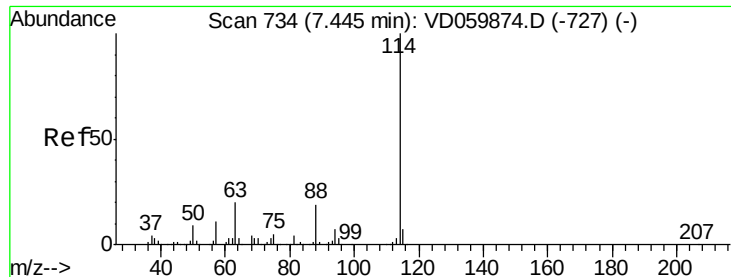
Tot Ion:168 Resp: 232946
Ion Ratio Lower Upper
168 100
99 54.0 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 665
Delta R.T. -0.03 min
Lab File: VD059904.D
Acq: 24 Aug 2018 13:57

Tgt Ion: 65 Resp: 200100
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059904.D

Acq: 24 Aug 2018 13:57

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050RE

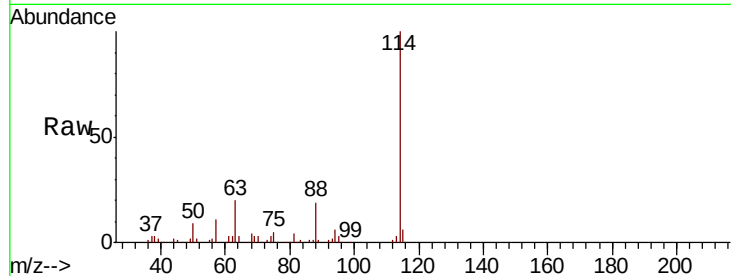
Tot Ion:114 Resp: 422818

Ion Ratio Lower Upper

114 100

63 19.6 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): V

Ion 87.90 (87.60 to 88.60): V

250000

200000

150000

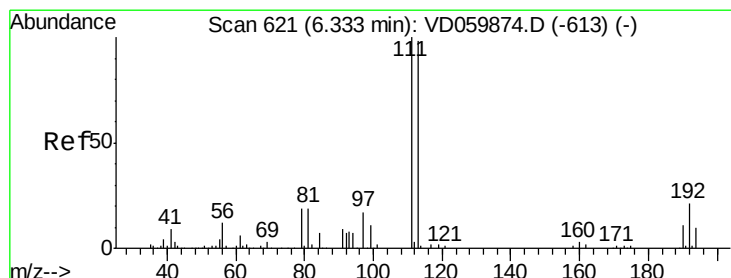
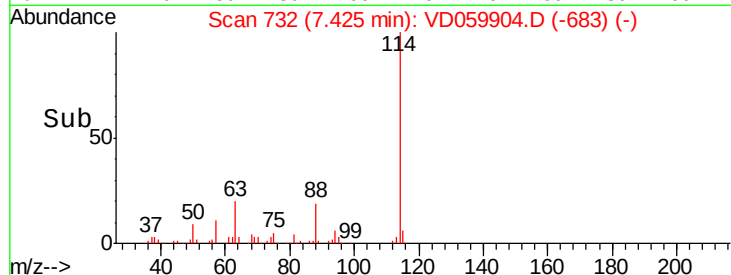
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 618

Delta R.T. -0.03 min

Lab File: VD059904.D

Acq: 24 Aug 2018 13:57

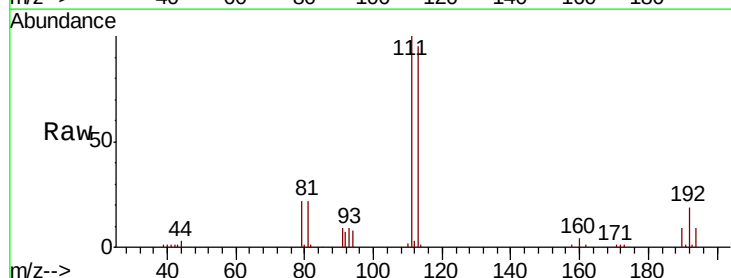
Tgt Ion:113 Resp: 188012

Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.2

192 20.1 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

100000

80000

60000

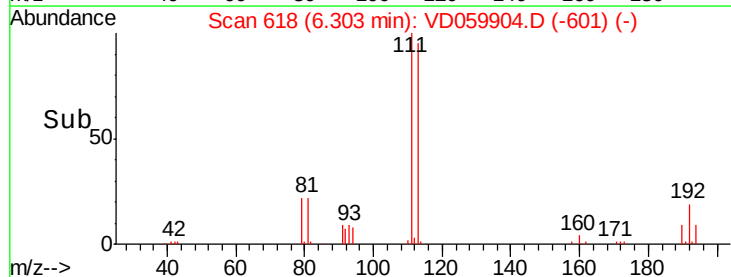
40000

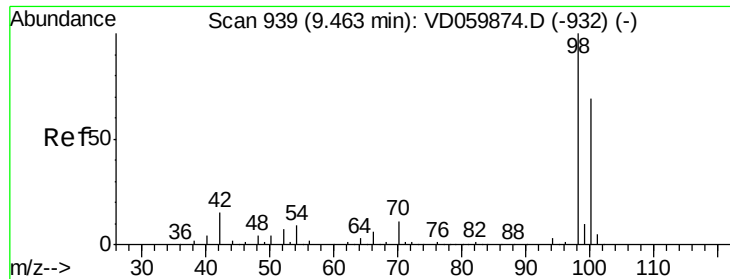
20000

0

6.20 6.30 6.40 6.50

Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059904.D

Acq: 24 Aug 2018 13:57

Instrument :

MSVOA_D

ClientSampleId :

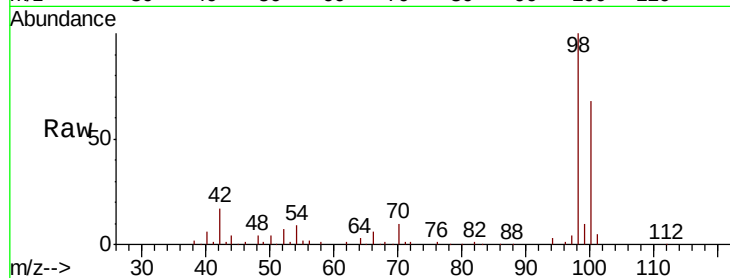
RA-081718-SSW-115-050RE

Tot Ion: 98 Resp: 299950

Ion Ratio Lower Upper

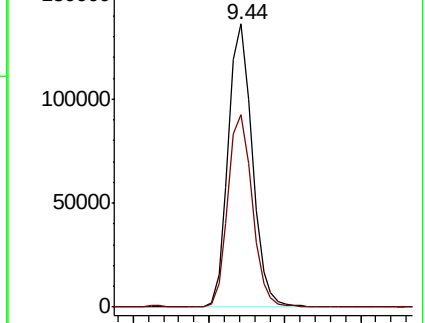
98 100

100 67.8 55.8 83.6

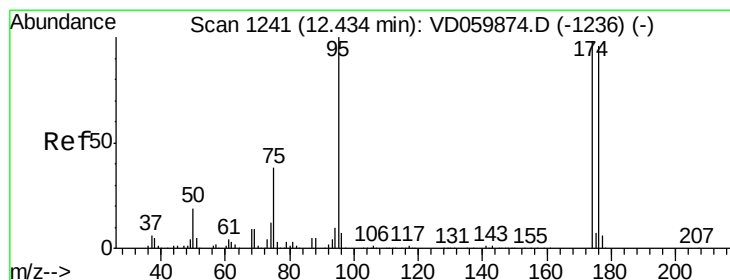
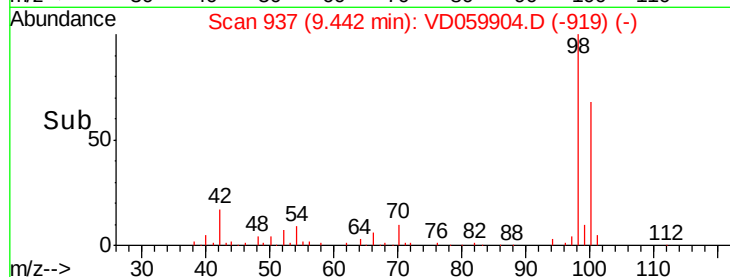


Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059904.D

Acq: 24 Aug 2018 13:57

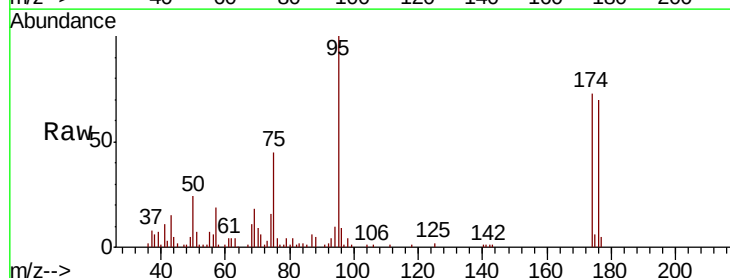
Tgt Ion: 95 Resp: 90171

Ion Ratio Lower Upper

95 100

174 73.2 0.0 195.6

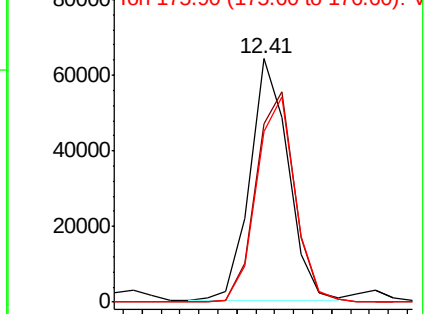
176 69.9 0.0 191.2



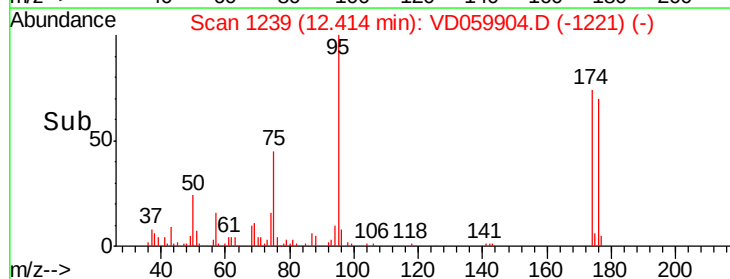
Abundance Ion 95.00 (94.70 to 95.70): VDC

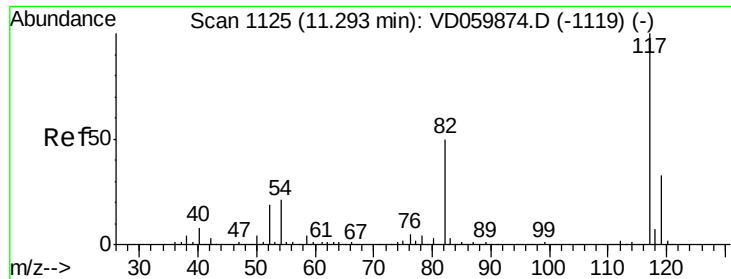
Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC



Time-->

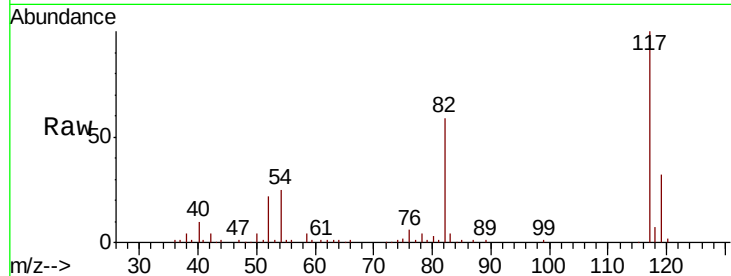




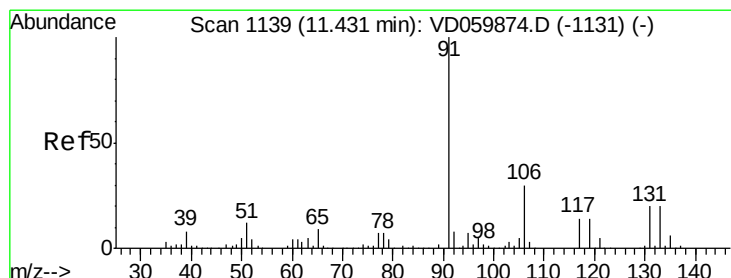
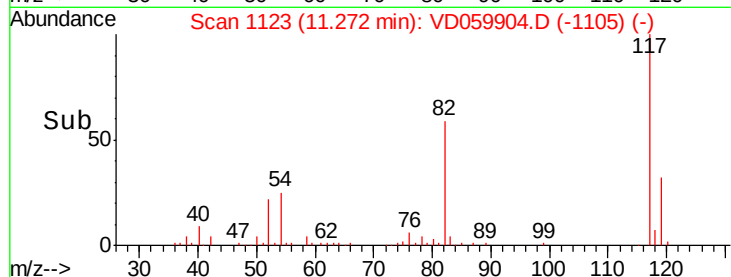
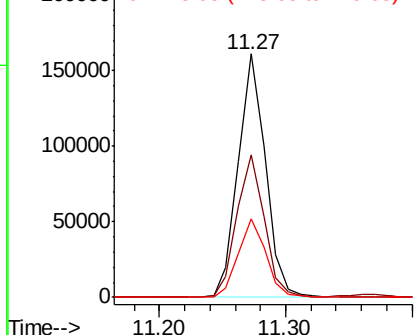
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059904.D
Acq: 24 Aug 2018 13:57

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

Tot Ion:117 Resp: 241295
Ion Ratio Lower Upper
117 100
82 58.5 40.1 60.1
119 32.0 26.7 40.1

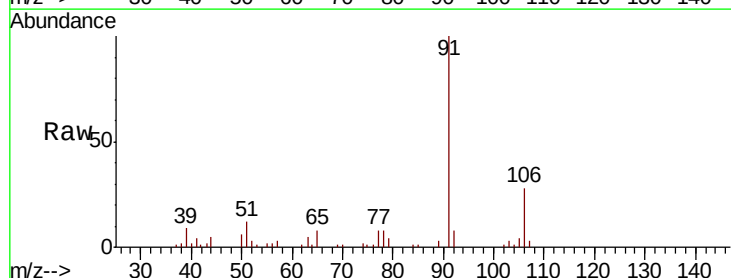


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

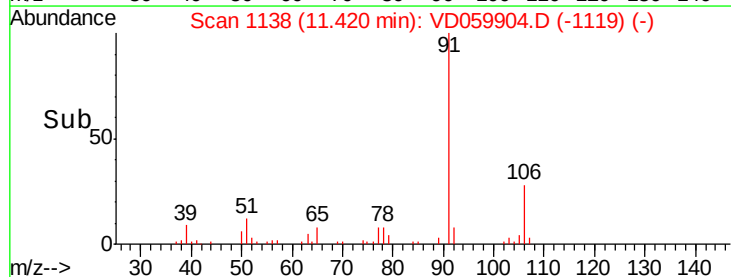
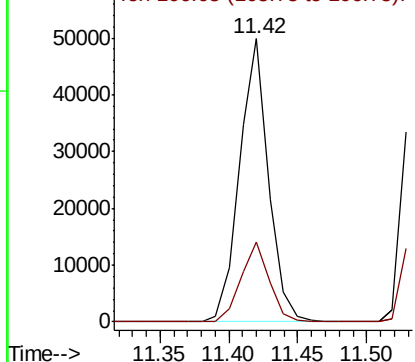


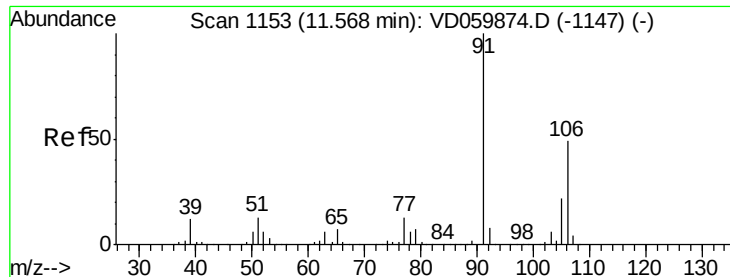
#67
Ethyl Benzene
Concen: 9.04 ug/l
RT: 11.42 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VD059904.D
Acq: 24 Aug 2018 13:57

Tgt Ion: 91 Resp: 72915
Ion Ratio Lower Upper
91 100
106 28.2 23.8 35.8



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

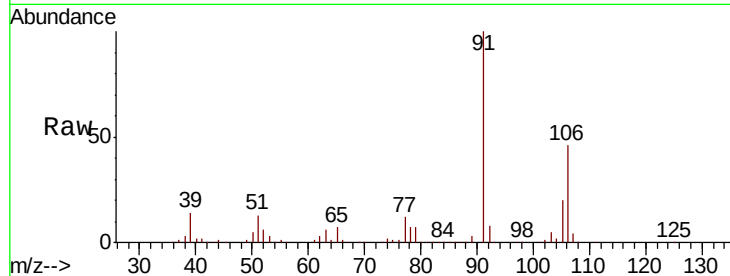




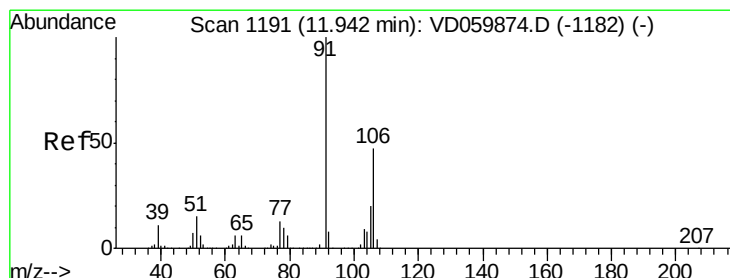
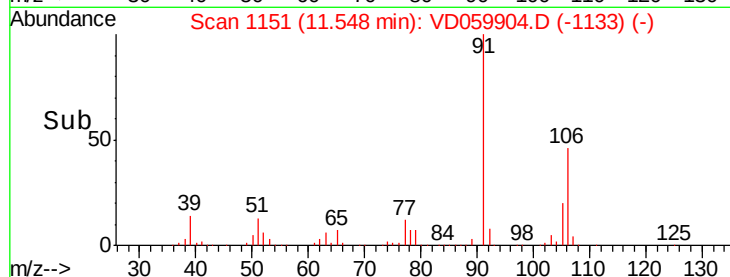
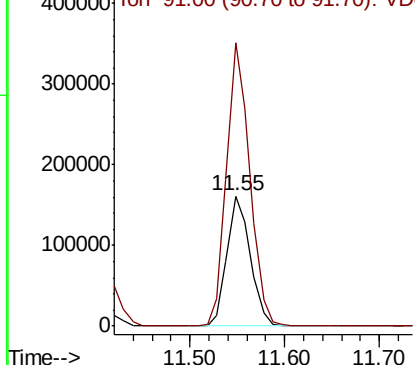
#68
m/p-Xylenes
Concen: 93.63 ug/l
RT: 11.55 min Scan# 1151
Delta R.T. -0.02 min
Lab File: VD059904.D
Acq: 24 Aug 2018 13:57

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

Tot Ion:106 Resp: 274991
Ion Ratio Lower Upper
106 100
91 217.7 162.0 243.0

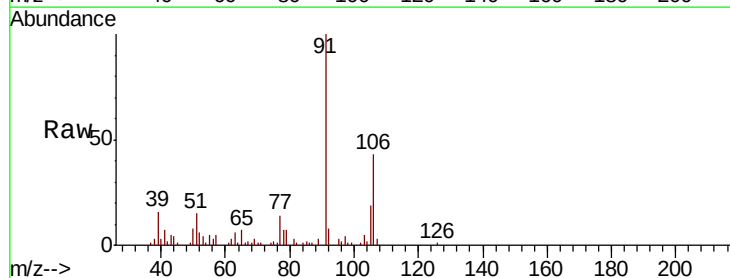


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

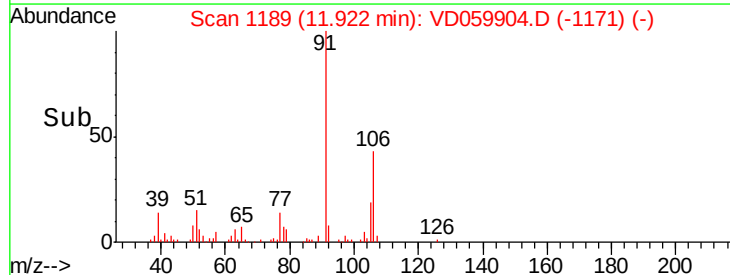
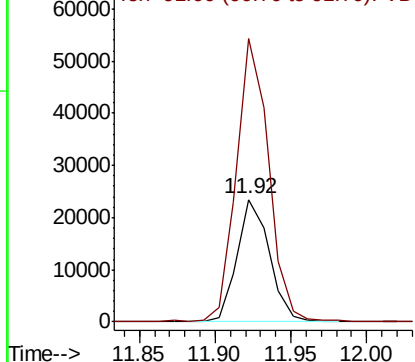


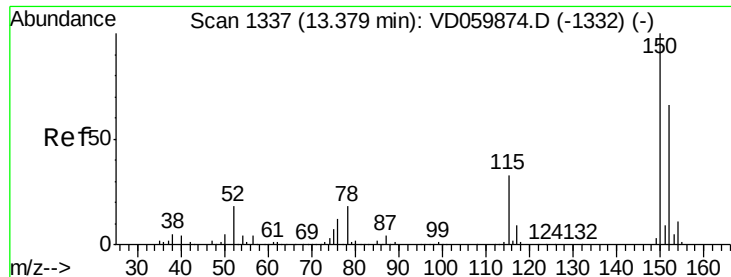
#69
o-Xylene
Concen: 12.09 ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.02 min
Lab File: VD059904.D
Acq: 24 Aug 2018 13:57

Tgt Ion:106 Resp: 34742
Ion Ratio Lower Upper
106 100
91 231.4 107.3 322.0



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

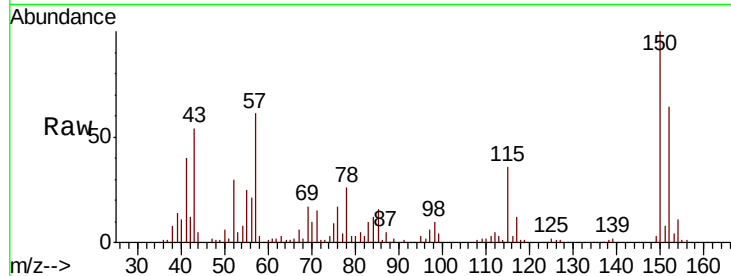




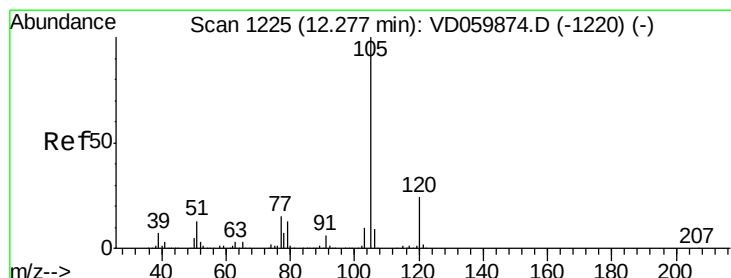
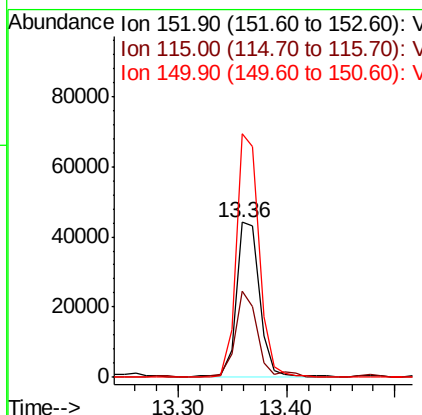
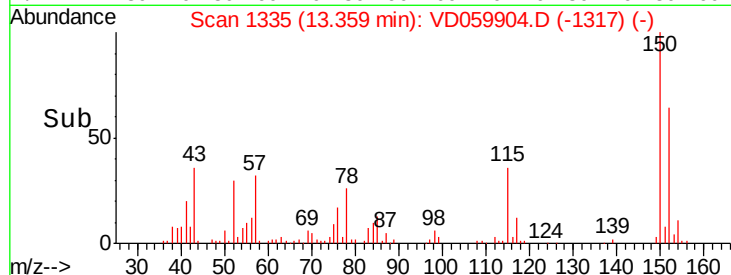
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.36 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: VD059904.D
 Acq: 24 Aug 2018 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

Tot Ion:152 Resp: 66237
 Ion Ratio Lower Upper
 152 100
 115 56.0 25.7 77.0
 150 157.3 0.0 310.2

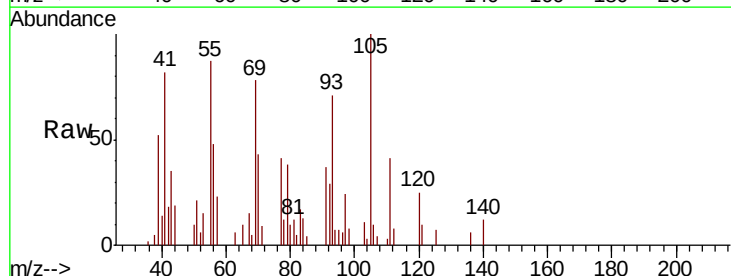


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

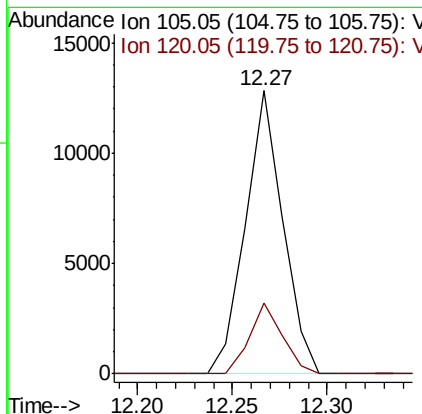
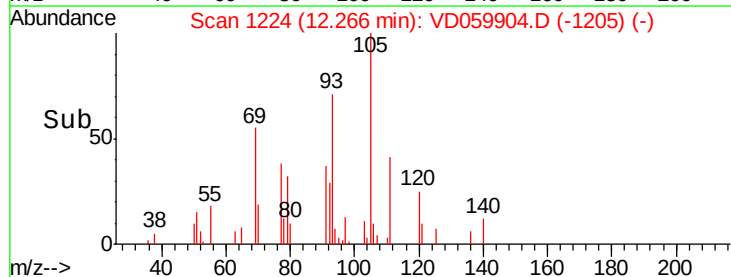


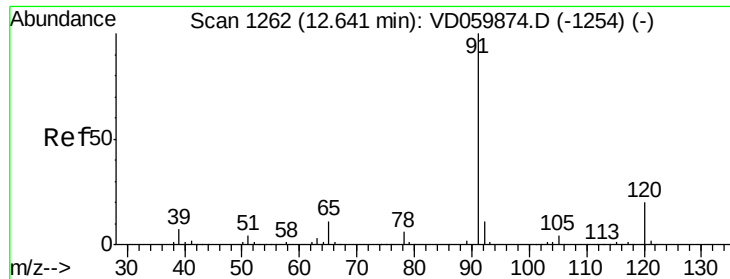
#73
 Isopropylbenzene
 Concen: 4.16 ug/l
 RT: 12.27 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VD059904.D
 Acq: 24 Aug 2018 13:57

Tgt Ion:105 Resp: 17592
 Ion Ratio Lower Upper
 105 100
 120 25.1 11.8 35.4



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





#78

n-propylbenzene

Concen: 1.98 ug/l

RT: 12.63 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VD059904.D

Acq: 24 Aug 2018 13:57

Instrument :

MSVOA_D

ClientSampleId :

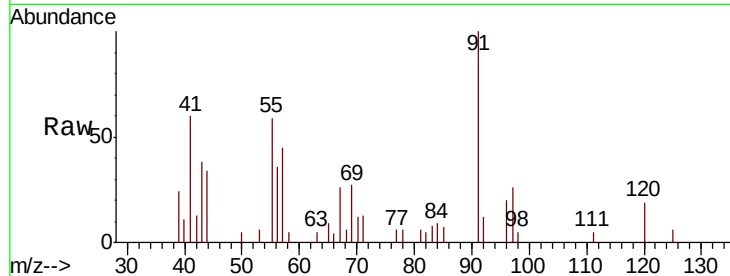
RA-081718-SSW-115-050RE

Tot Ion: 91 Resp: 10616

Ion Ratio Lower Upper

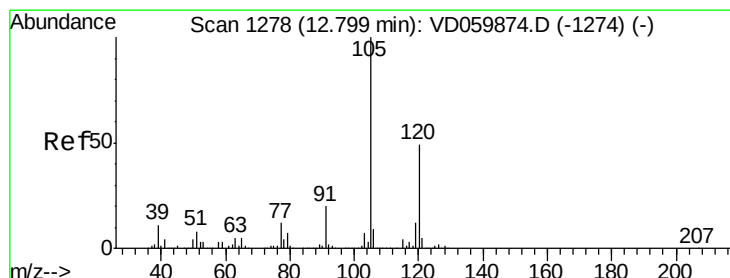
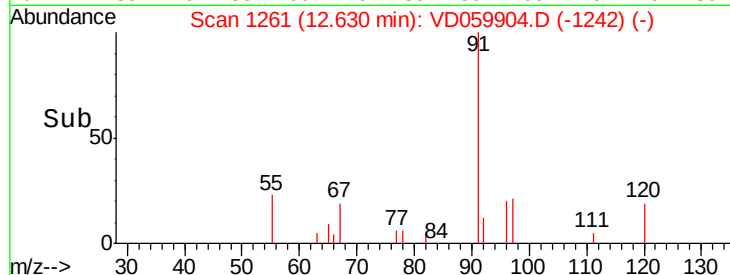
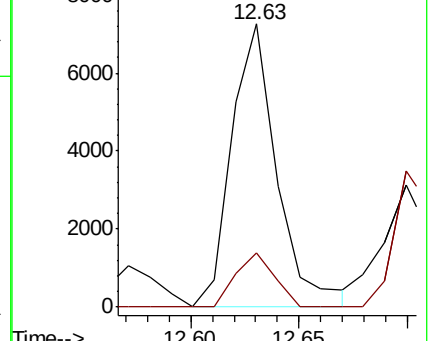
91 100

120 19.0 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



#80

1,3,5-Trimethylbenzene

Concen: 6.86 ug/l

RT: 12.79 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VD059904.D

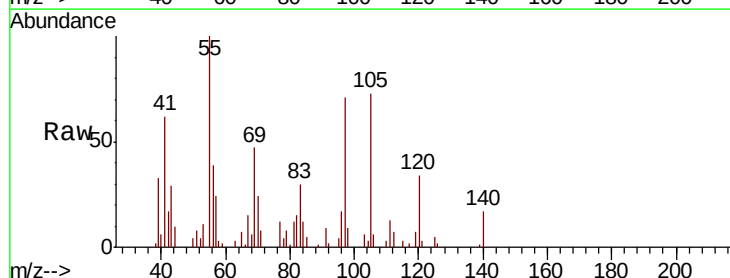
Acq: 24 Aug 2018 13:57

Tgt Ion: 105 Resp: 23053

Ion Ratio Lower Upper

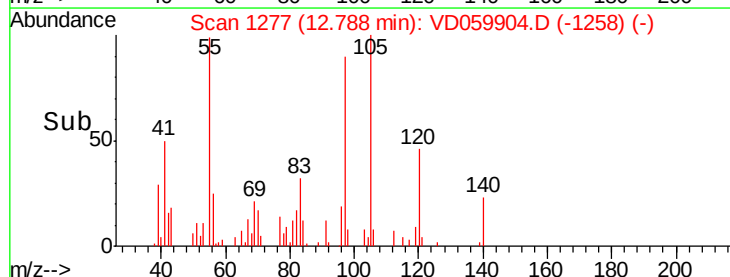
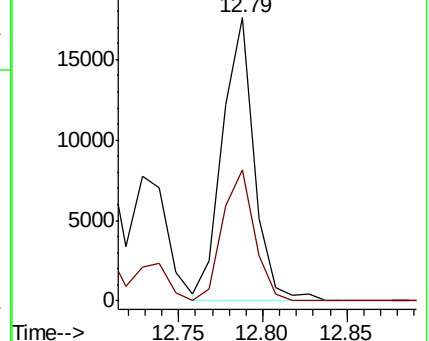
105 100

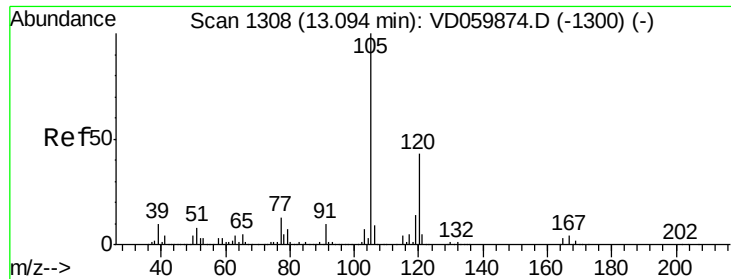
120 46.2 24.5 73.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

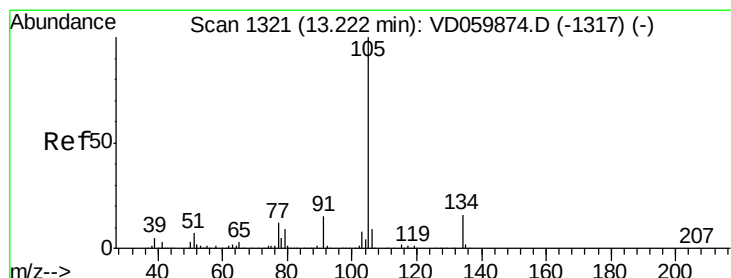
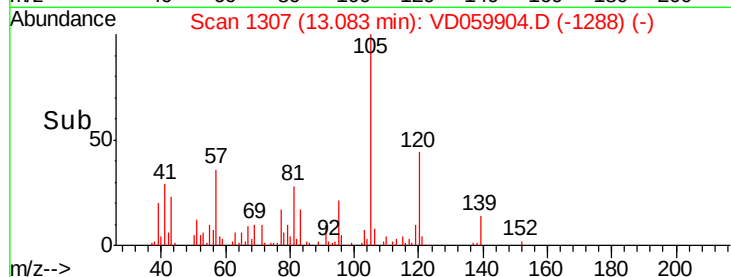
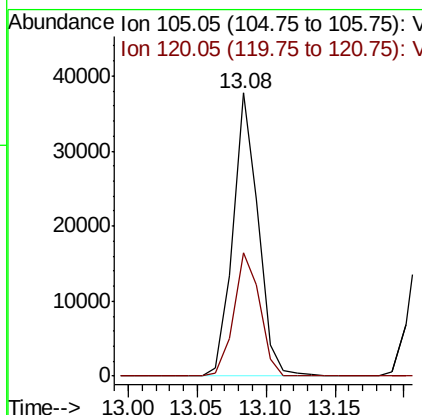
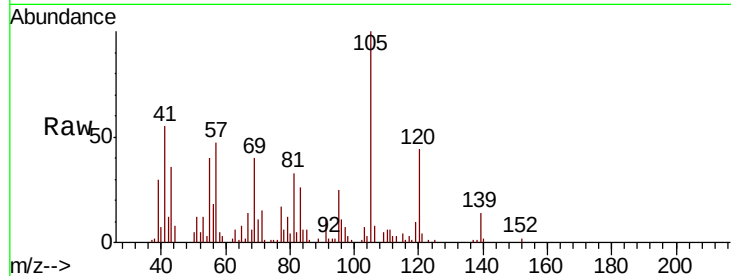




#84
 1,2,4-Trimethylbenzene
 Concen: 13.71 ug/l
 RT: 13.08 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: VD059904.D
 Acq: 24 Aug 2018 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

Tot Ion:105 Resp: 48042
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 5.63 ug/l
 RT: 13.21 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VD059904.D
 Acq: 24 Aug 2018 13:57

Tgt Ion:105 Resp: 25335
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.2 24.4

