

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059867.D
 Acq On : 21 Aug 2018 20:37
 Operator : JC/SY
 Sample : J4559-06
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 22 02:16:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	628185	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.65	114	1011987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	518895	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	128766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.98	65	365218	72.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	145.28%	
35) Dibromofluoromethane	5.51	113	462215	61.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.50%	
50) Toluene-d8	8.68	98	826869	40.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.94%	
62) 4-Bromofluorobenzene	11.91	95	212350	27.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.84%	

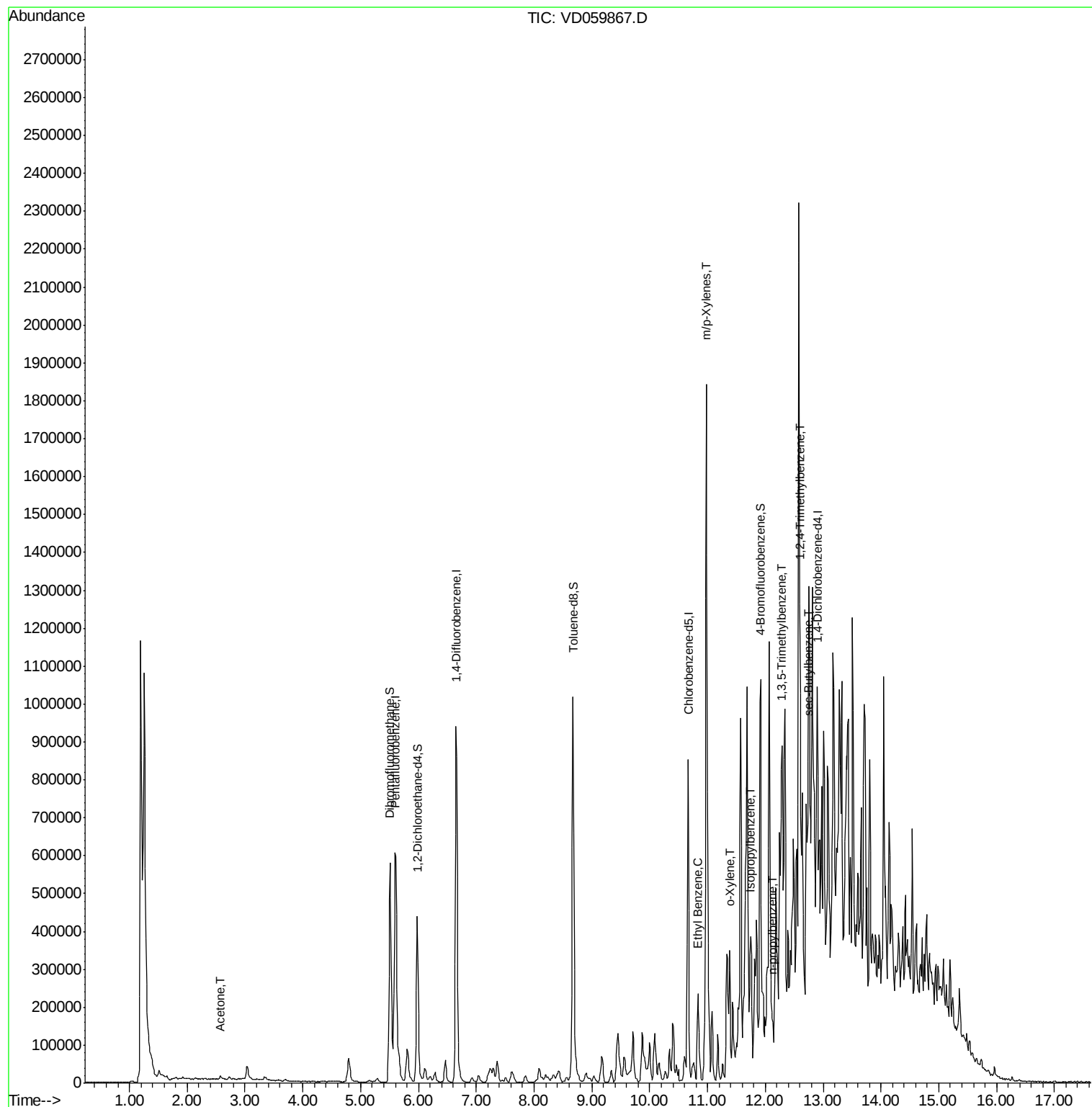
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	17131	20.33	ug/l	97
67) Ethyl Benzene	10.83	91	159635	8.57	ug/l	96
68) m/p-Xylenes	10.98	106	570734	93.87	ug/l	96
69) o-Xylene	11.38	106	64348	11.10	ug/l	98
73) Isopropylbenzene	11.75	105	54892	6.26	ug/l	96
78) n-propylbenzene	12.13	91	19798	1.82	ug/l	92
80) 1,3,5-Trimethylbenzene	12.30	105	44096	5.32	ug/l	98
84) 1,2,4-Trimethylbenzene	12.60	105	89599	12.41	ug/l	98
85) sec-Butylbenzene	12.73	105	66031	7.19	ug/l	99

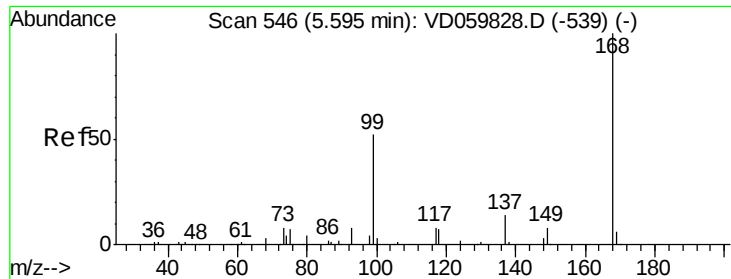
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082118\
Data File : VD059867.D
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Misc : 5.05a/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

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Quant Time: Aug 22 02:16:20 2018
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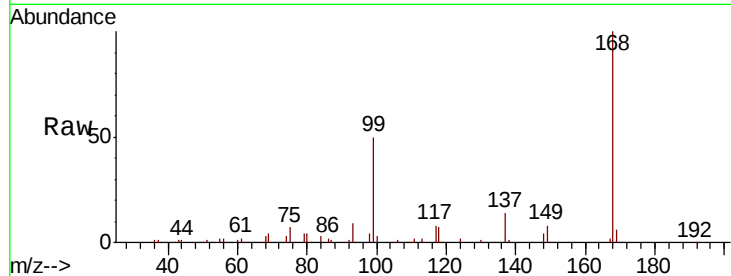


#1

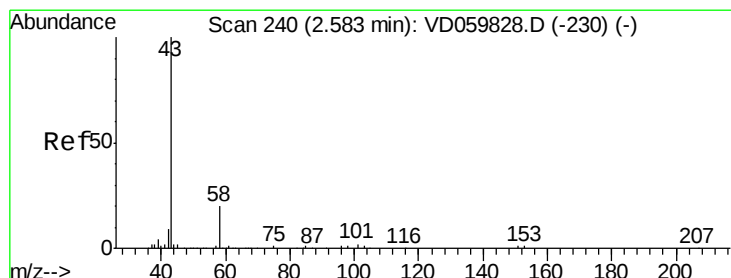
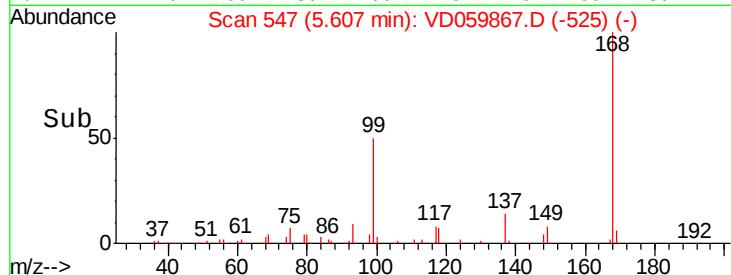
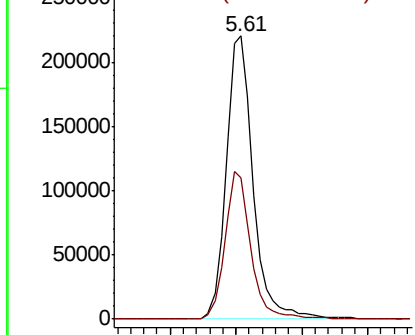
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

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

Tot Ion:168 Resp: 628185
 Ion Ratio Lower Upper
 168 100
 99 49.9 43.6 65.4



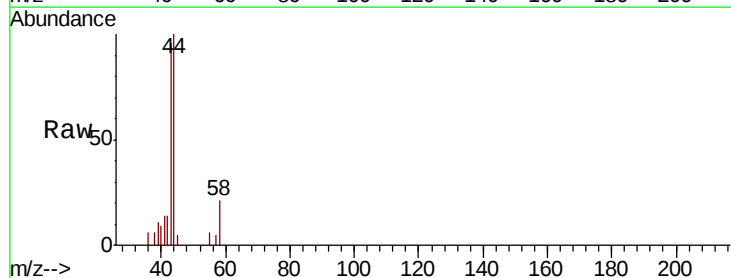
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



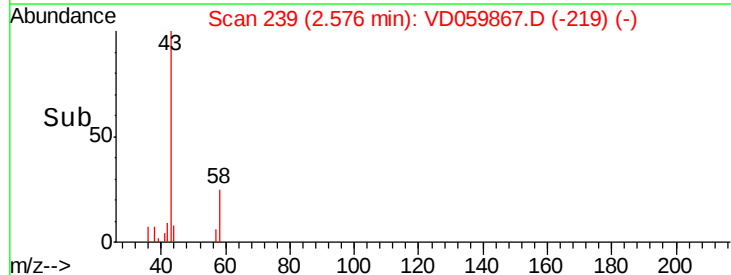
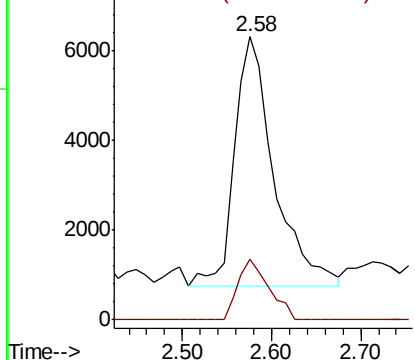
#16

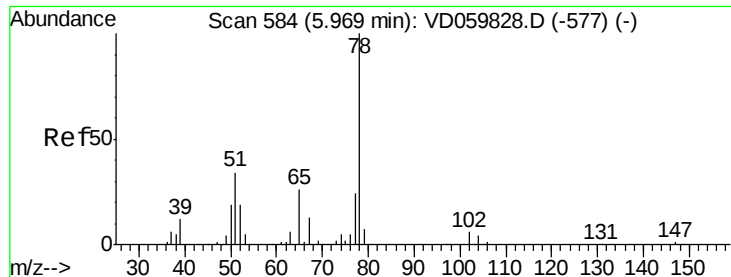
Acetone
 Concen: 20.33 ug/l
 RT: 2.58 min Scan# 239
 Delta R.T. -0.01 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

Tgt Ion: 43 Resp: 17131
 Ion Ratio Lower Upper
 43 100
 58 21.5 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.01 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

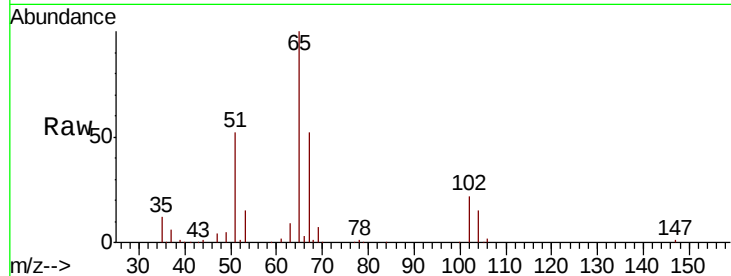
RA-081718-SSW-115-050

Tot Ion: 65 Resp: 365218

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.98

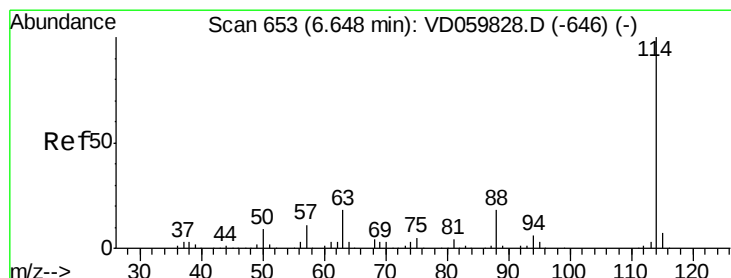
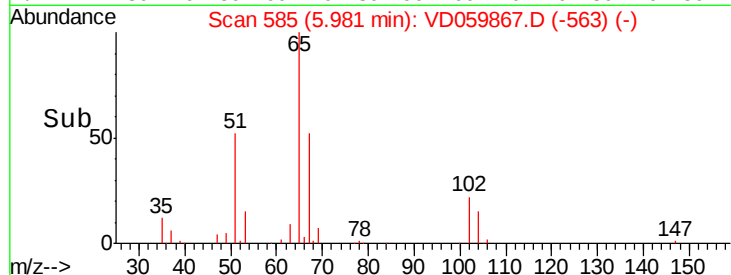
150000

100000

50000

0

Time--> 5.80 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

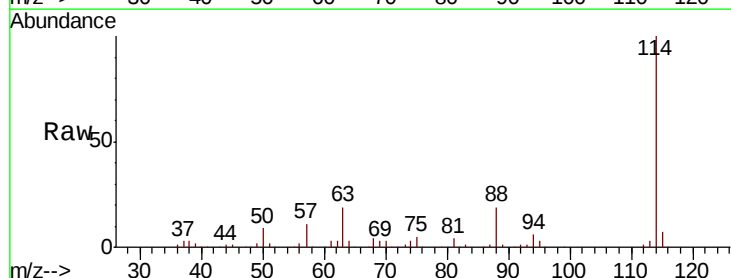
Tgt Ion: 114 Resp: 1011987

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 19.3 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

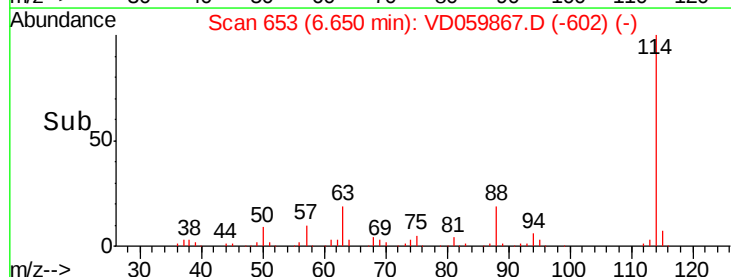
300000

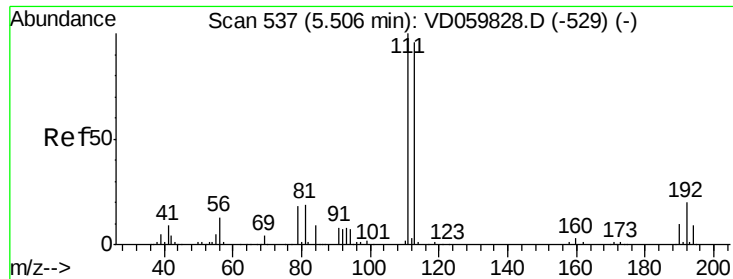
200000

100000

0

Time--> 6.60 6.80





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

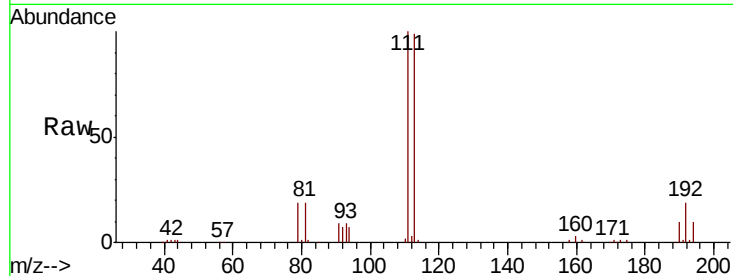
Tot Ion:113 Resp: 462215

Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

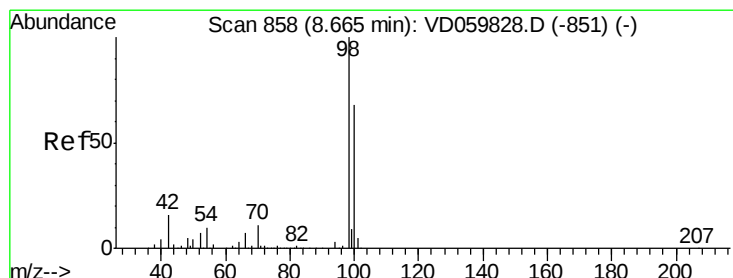
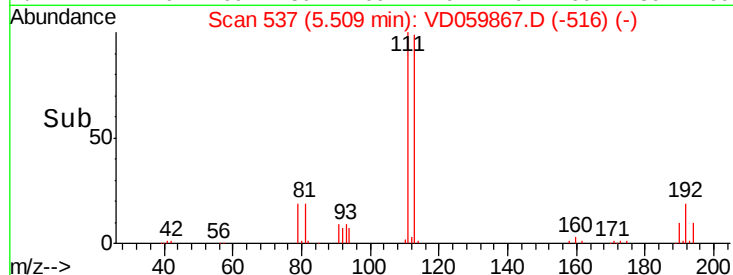
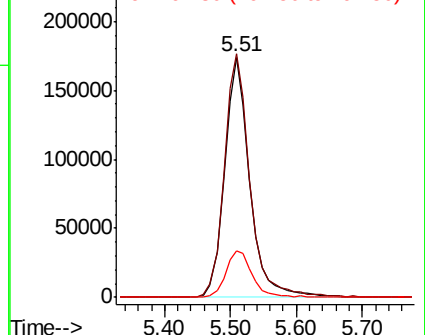
192 19.2 16.8 25.2



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: 8.68 min Scan# 859

Delta R.T. 0.01 min

Lab File: VD059867.D

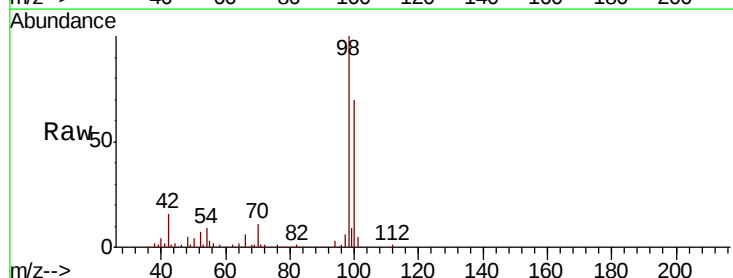
Acq: 21 Aug 2018 20:37

Tgt Ion: 98 Resp: 826869

Ion Ratio Lower Upper

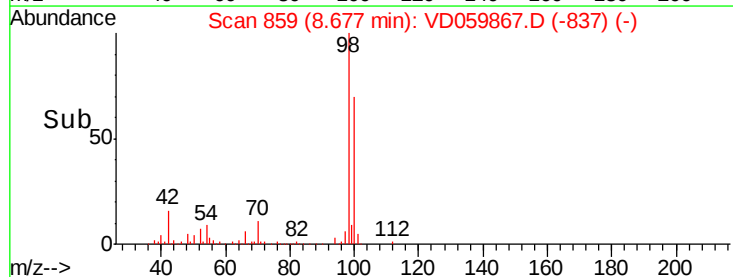
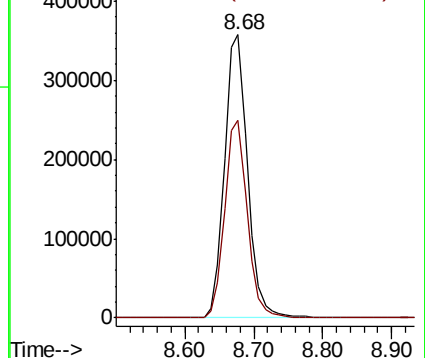
98 100

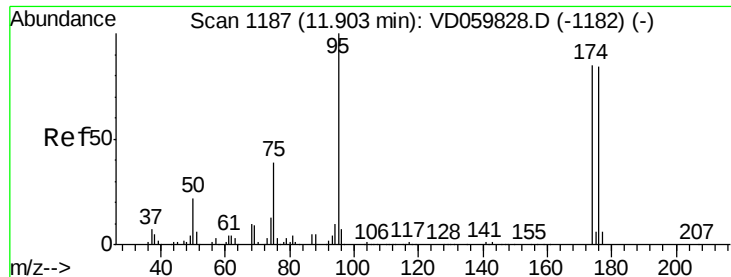
100 69.7 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

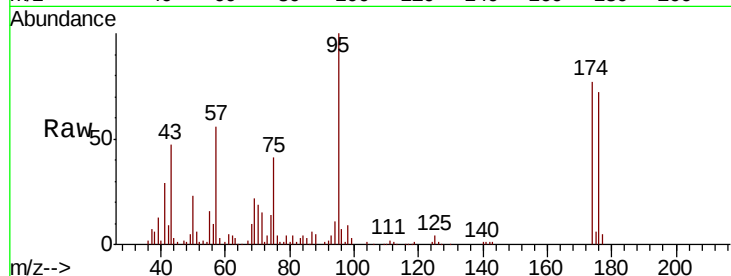
Tot Ion: 95 Resp: 212350

Ion Ratio Lower Upper

95 100

174 76.5 0.0 169.2

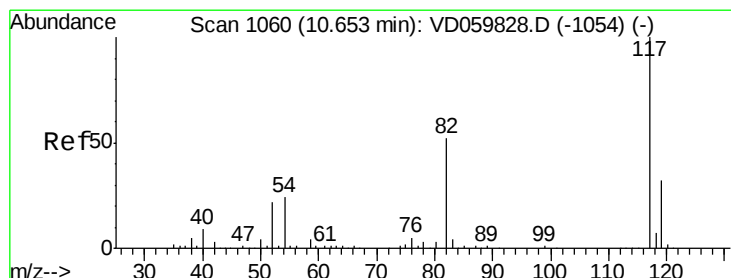
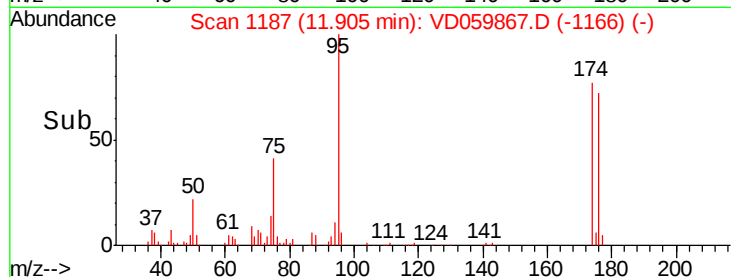
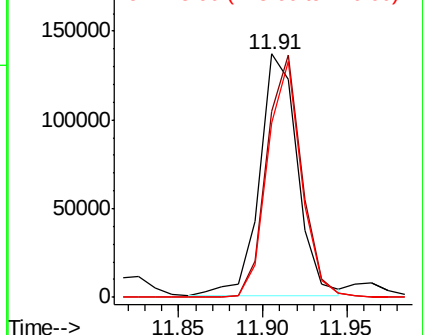
176 71.9 0.0 168.0



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: 10.67 min Scan# 1061

Delta R.T. 0.01 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

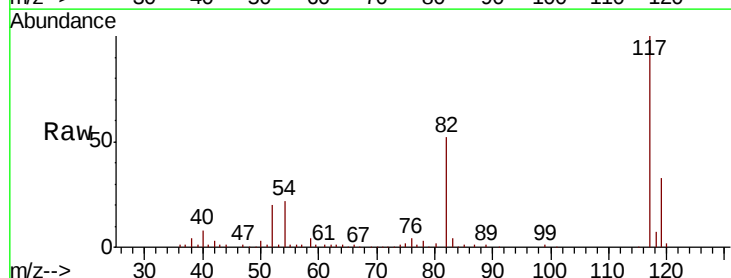
Tgt Ion: 117 Resp: 518895

Ion Ratio Lower Upper

117 100

82 51.5 41.6 62.4

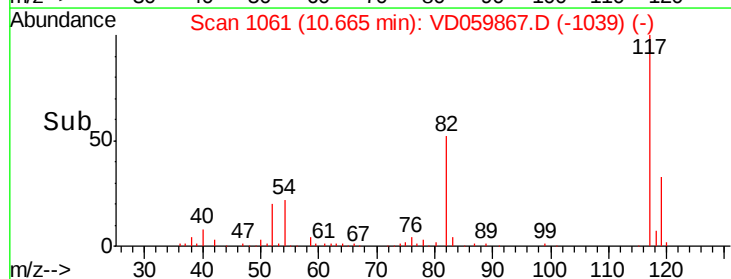
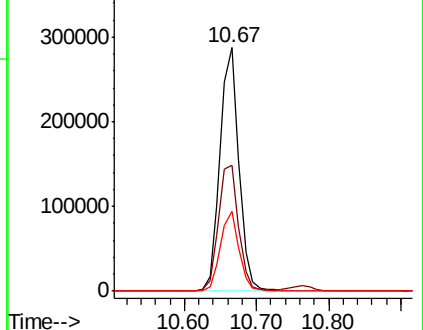
119 32.5 25.6 38.4

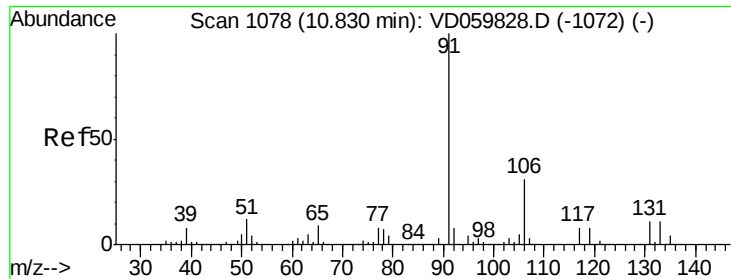


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

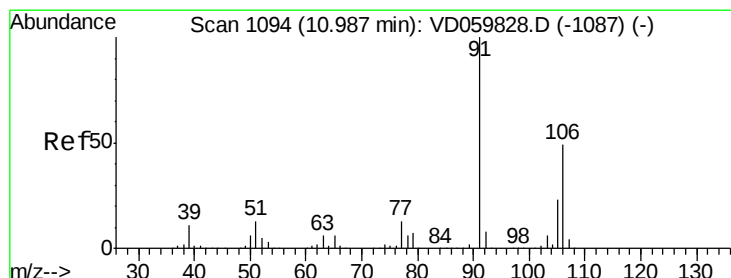
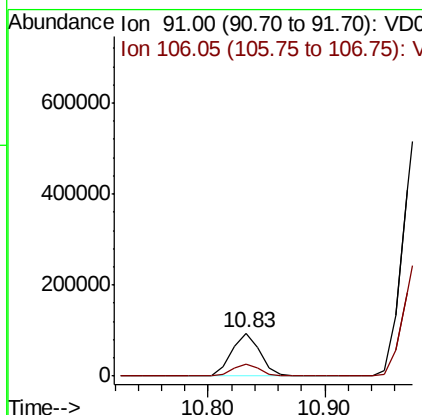
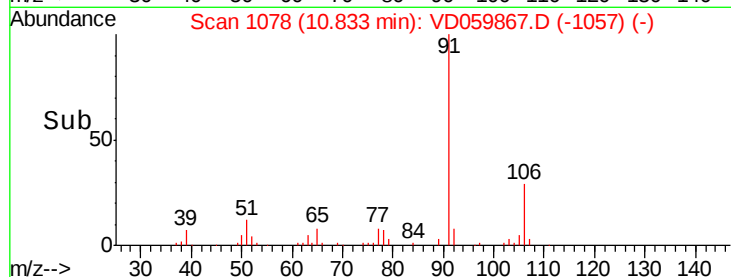
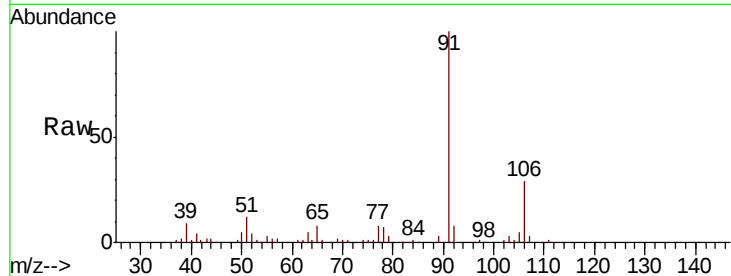




#67
Ethyl Benzene
Concen: 8.57 ug/l
RT: 10.83 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

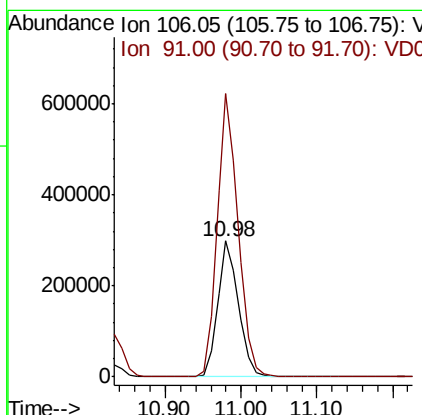
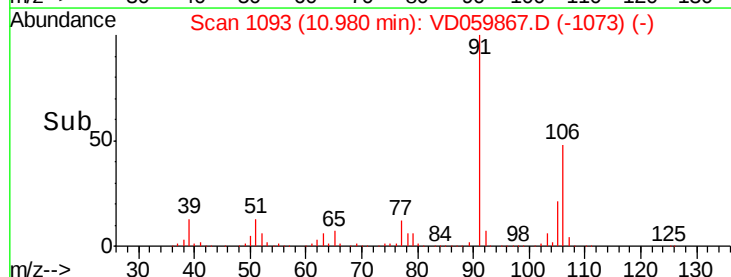
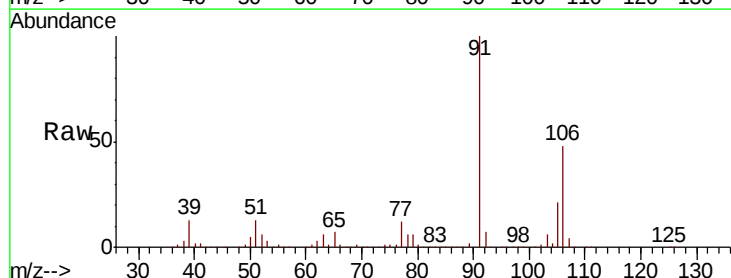
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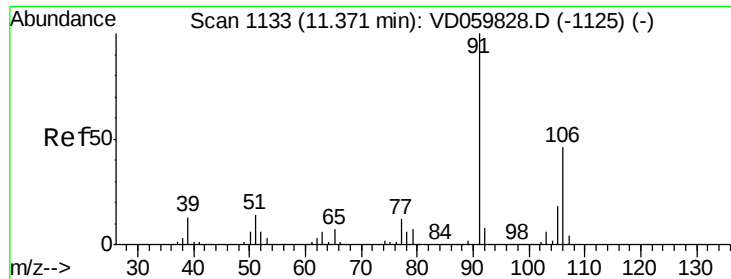
Tot Ion: 91 Resp: 159635
Ion Ratio Lower Upper
91 100
106 29.3 25.1 37.7



#68
m/p-Xylenes
Concen: 93.87 ug/l
RT: 10.98 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion: 106 Resp: 570734
Ion Ratio Lower Upper
106 100
91 208.4 161.8 242.8

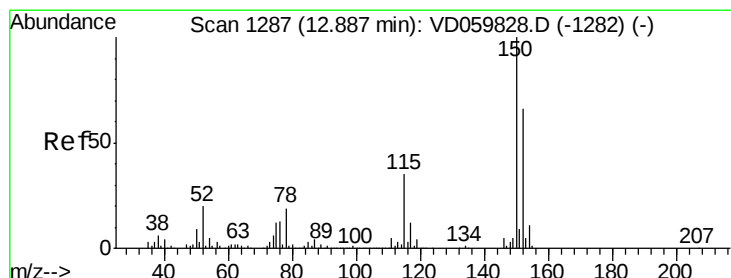
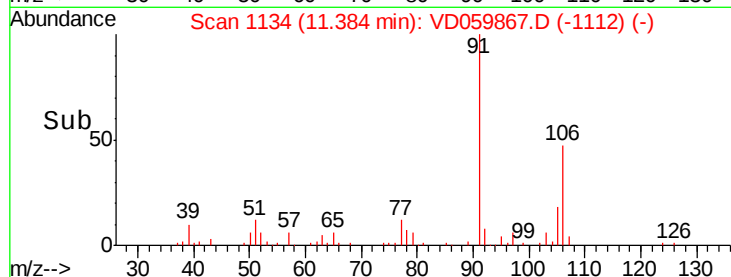
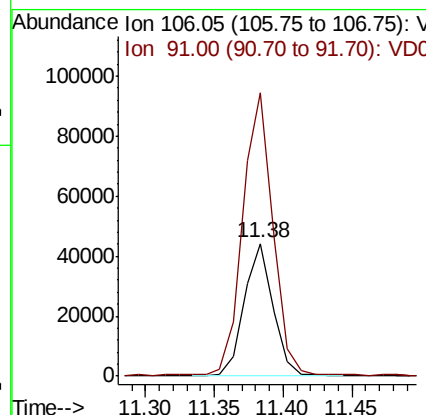
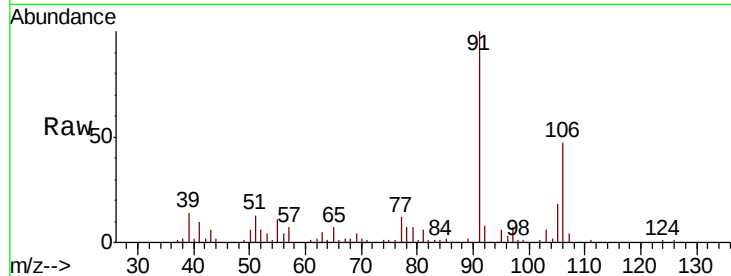




#69
o-Xylene
Concen: 11.10 ug/l
RT: 11.38 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

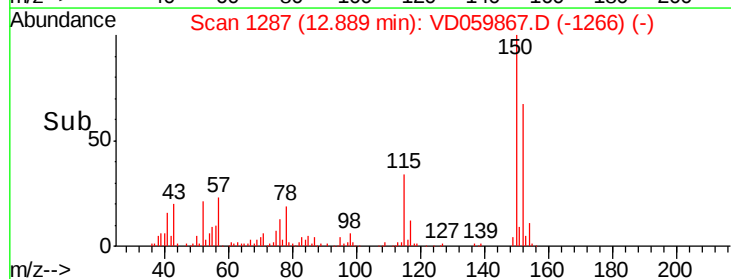
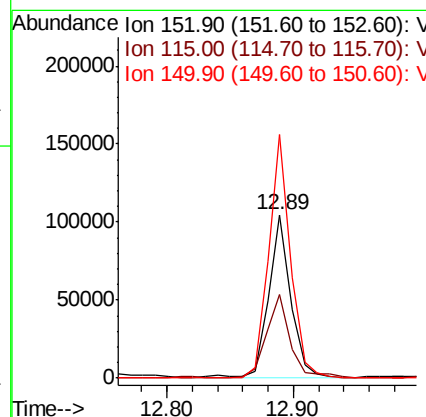
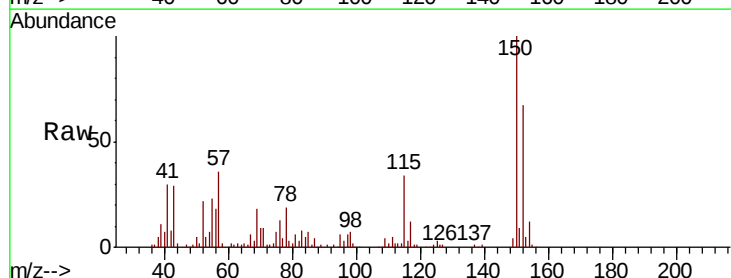
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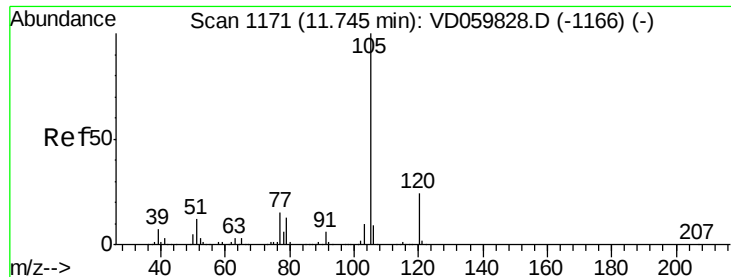
Tot Ion:106 Resp: 64348
Ion Ratio Lower Upper
106 100
91 212.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion:152 Resp: 128766
Ion Ratio Lower Upper
152 100
115 51.2 26.9 80.6
150 149.3 0.0 306.8





#73

Isopropylbenzene

Concen: 6.26 ug/l

RT: 11.75 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

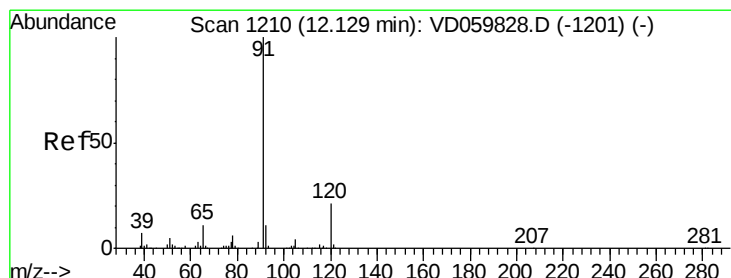
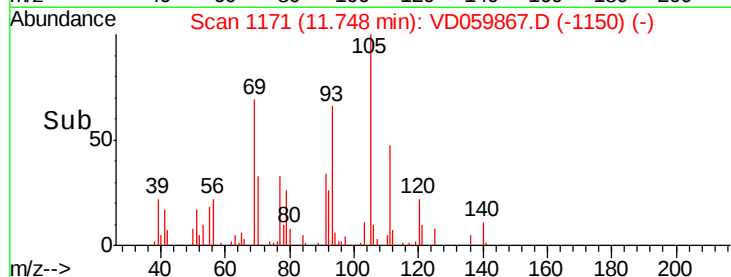
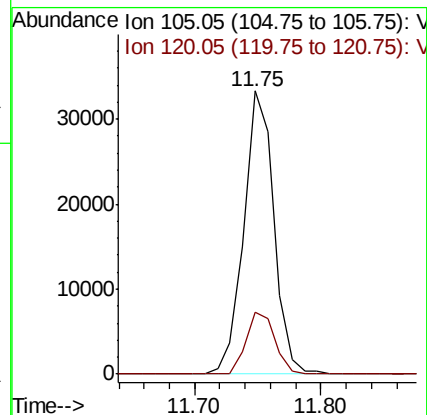
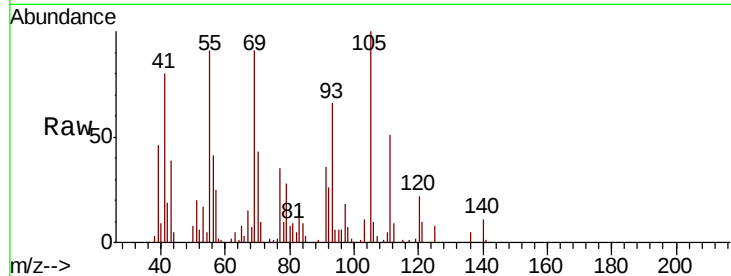
RA-081718-SSW-115-050

Tot Ion:105 Resp: 54892

Ion Ratio Lower Upper

105 100

120 21.7 11.9 35.5



#78

n-propylbenzene

Concen: 1.82 ug/l

RT: 12.13 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VD059867.D

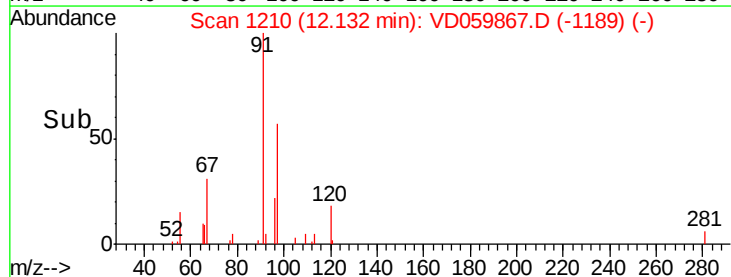
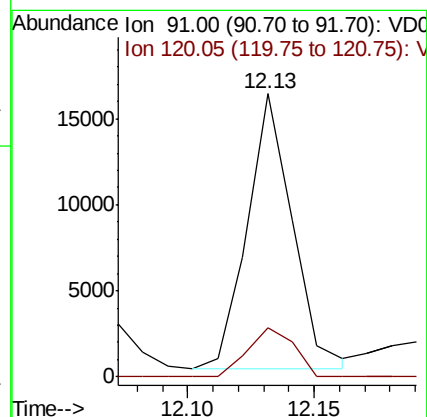
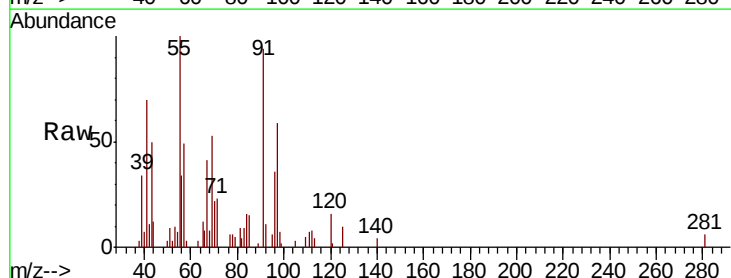
Acq: 21 Aug 2018 20:37

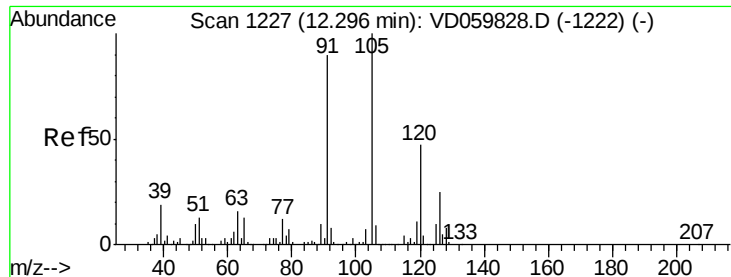
Tgt Ion: 91 Resp: 19798

Ion Ratio Lower Upper

91 100

120 17.1 10.5 31.5





#80

1,3,5-Trimethylbenzene

Concen: 5.32 ug/l

RT: 12.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

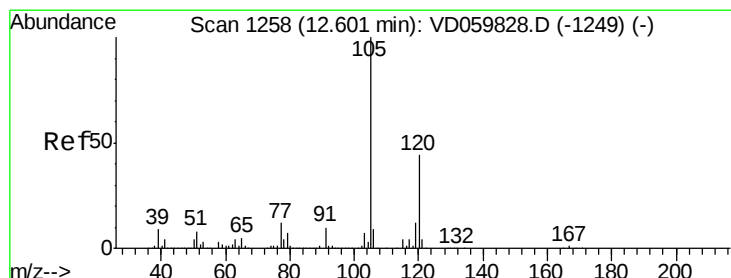
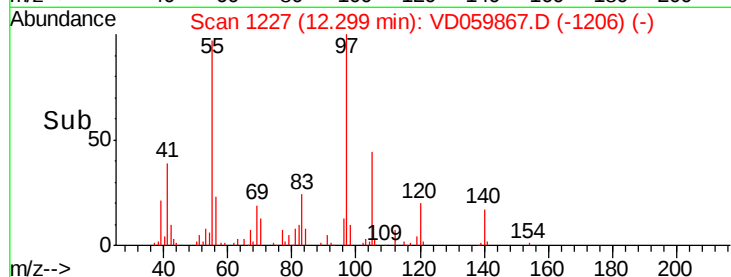
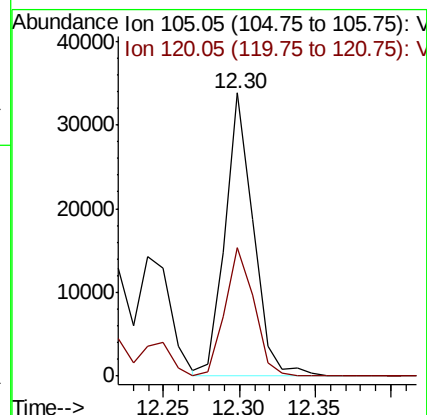
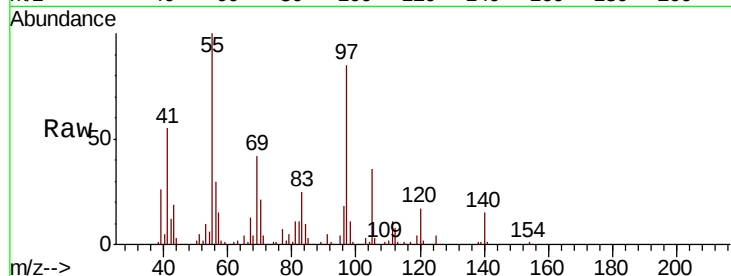
RA-081718-SSW-115-050

Tot Ion:105 Resp: 44096

Ion Ratio Lower Upper

105 100

120 45.5 23.5 70.6



#84

1,2,4-Trimethylbenzene

Concen: 12.41 ug/l

RT: 12.60 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VD059867.D

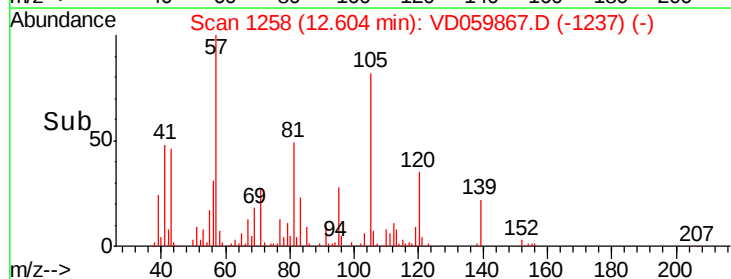
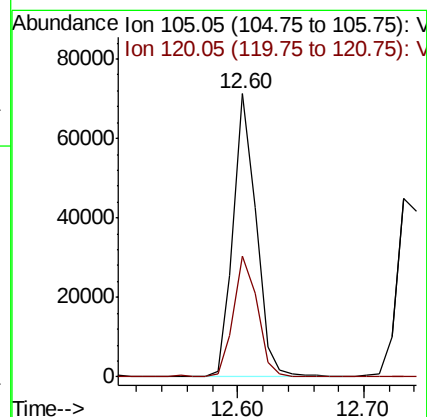
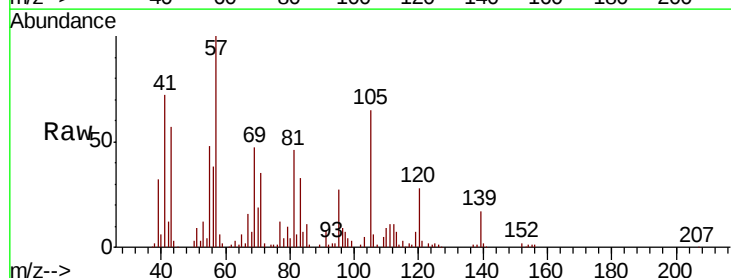
Acq: 21 Aug 2018 20:37

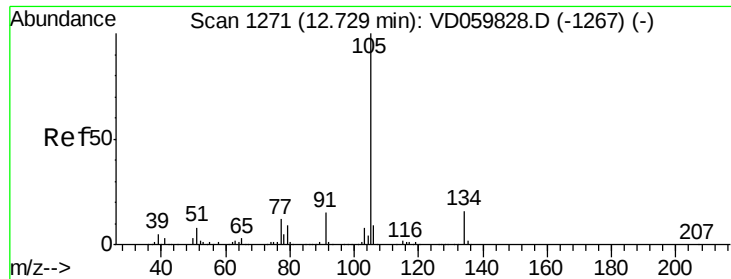
Tgt Ion:105 Resp: 89599

Ion Ratio Lower Upper

105 100

120 42.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 7.19 ug/l
 RT: 12.73 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

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

Tot Ion:105 Resp: 66031
 Ion Ratio Lower Upper
 105 100
 134 15.1 7.8 23.5

