

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058324.D
 Acq On : 23 Jun 2018 6:09
 Operator : VA/AP
 Sample : J3252-03
 Misc : 5.27g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-062118

Quant Time: Jun 25 01:15:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	641966	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	884177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	521640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	292988	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	382453	58.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.96%	
35) Dibromofluoromethane	5.56	113	380404	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	8.72	98	560710	32.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.42%	
62) 4-Bromofluorobenzene	11.94	95	295013	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	

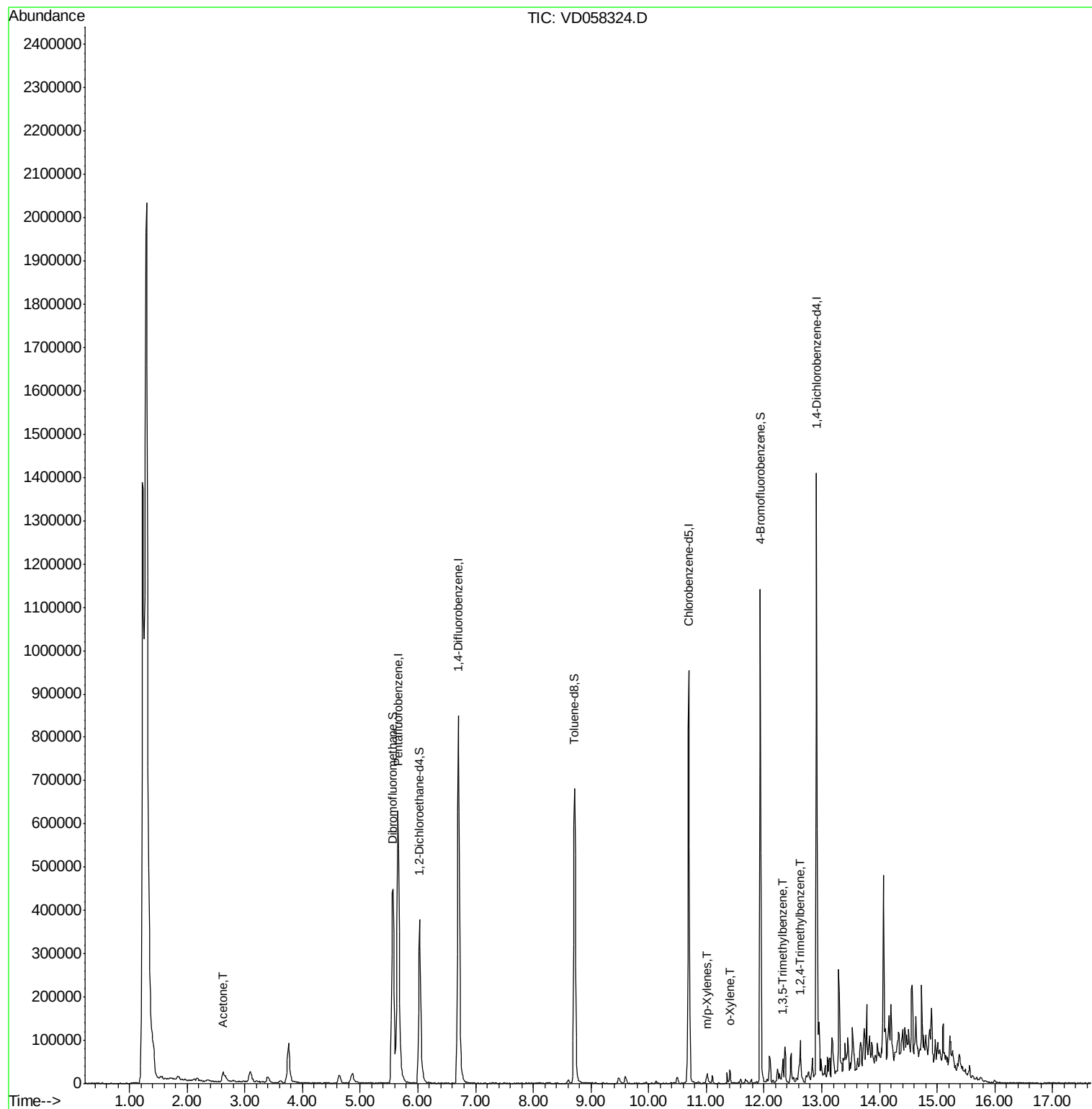
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.62	43	48581	54.78	ug/l	94
68) m/p-Xylenes	11.01	106	7083	1.23	ug/l	99
69) o-Xylene	11.41	106	7060	1.29	ug/l	89
80) 1,3,5-Trimethylbenzene	12.32	105	19810	1.45	ug/l	88
84) 1,2,4-Trimethylbenzene	12.63	105	36219	2.44	ug/l	100

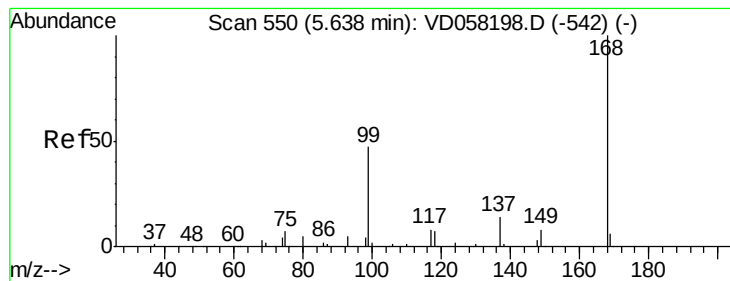
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058324.D

Acq: 23 Jun 2018 6:09

Instrument :

MSVOA_D

ClientSampleId :

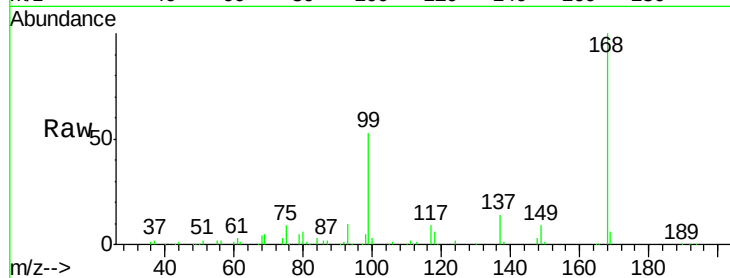
TR-05-062118

Tot Ion:168 Resp: 641966

Ion Ratio Lower Upper

168 100

99 53.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.66

250000

200000

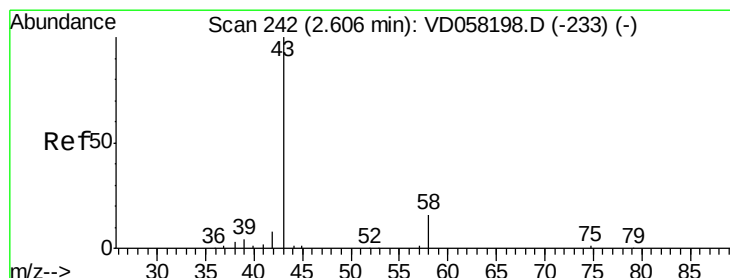
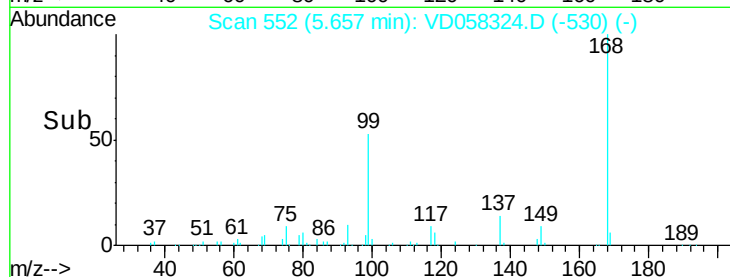
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 54.78 ug/l

RT: 2.62 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058324.D

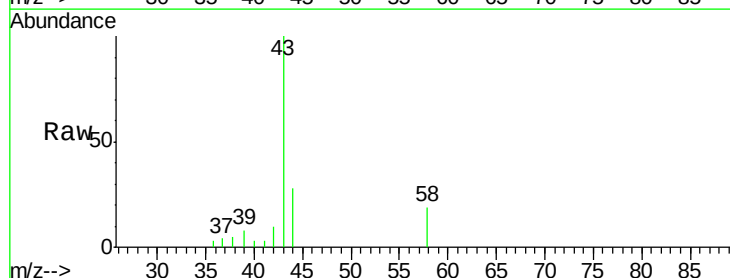
Acq: 23 Jun 2018 6:09

Tgt Ion: 43 Resp: 48581

Ion Ratio Lower Upper

43 100

58 18.6 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.62

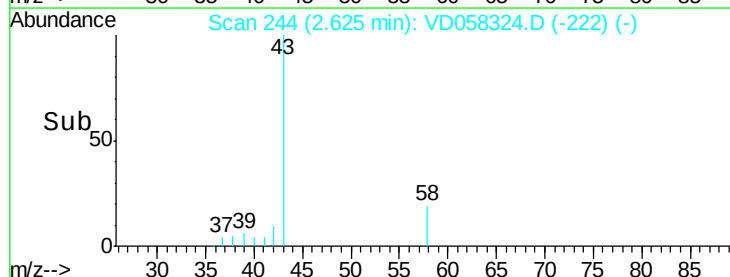
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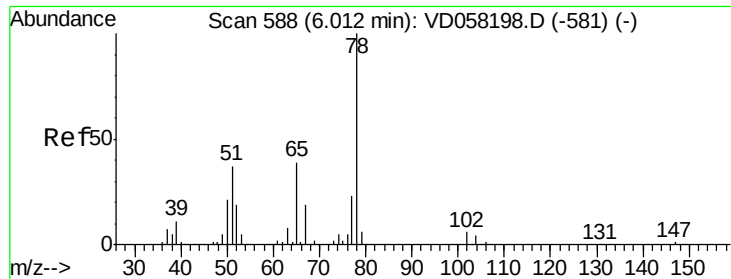
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5000

0

Time-->

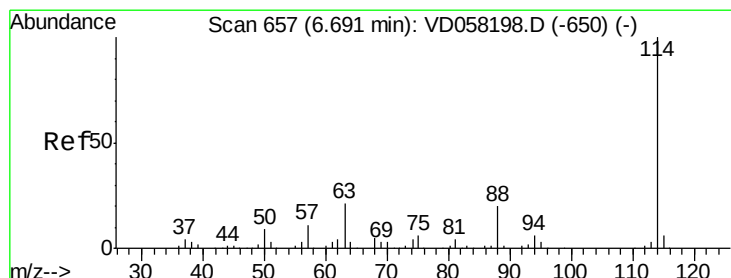
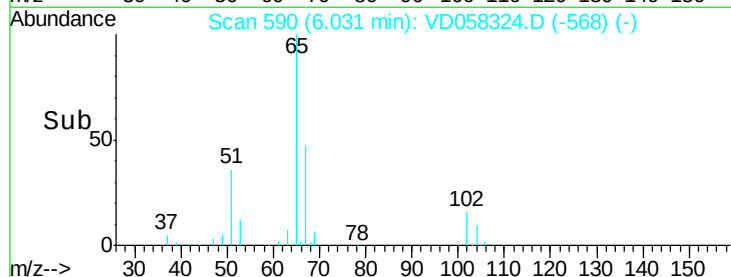
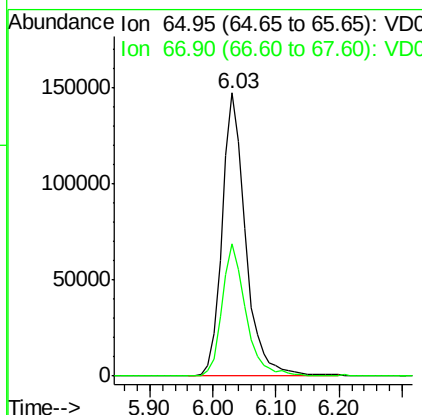
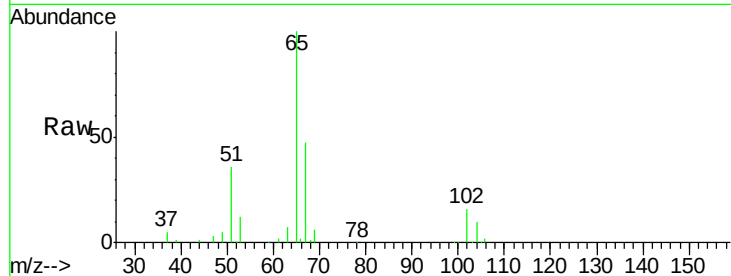




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.03 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD058324.D
 Acq: 23 Jun 2018 6:09

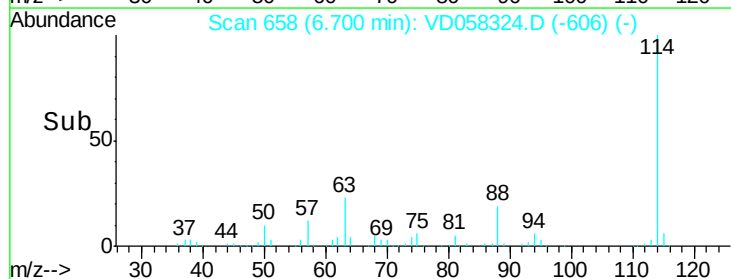
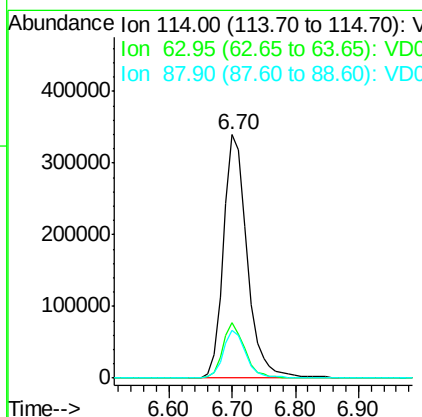
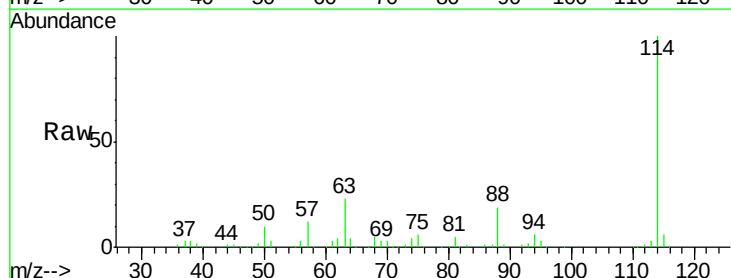
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-062118

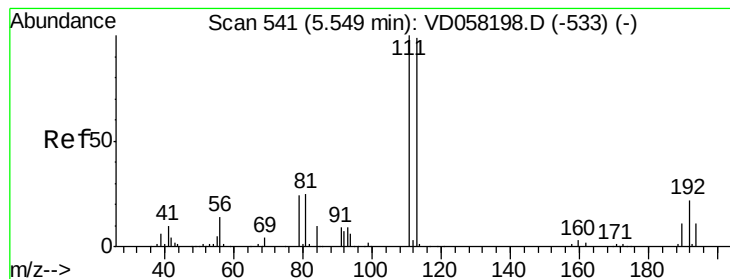
Tot Ion: 65 Resp: 382453
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058324.D
 Acq: 23 Jun 2018 6:09

Tgt Ion: 114 Resp: 884177
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.6
 88 19.4 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058324.D

Acq: 23 Jun 2018 6:09

Instrument :

MSVOA_D

ClientSampleId :

TR-05-062118

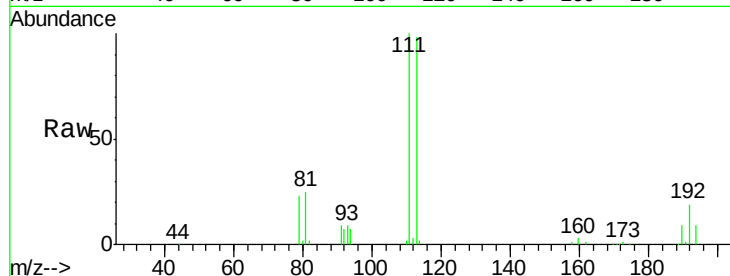
Tot Ion:113 Resp: 380404

Ion Ratio Lower Upper

113 100

111 102.4 80.6 121.0

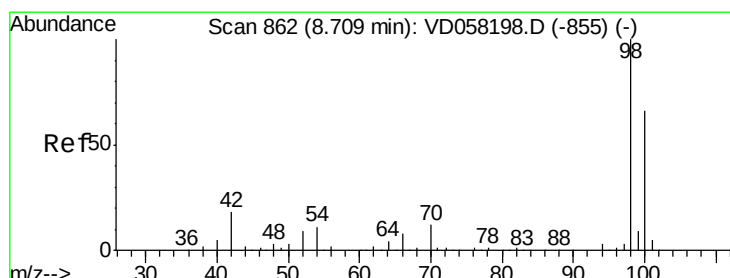
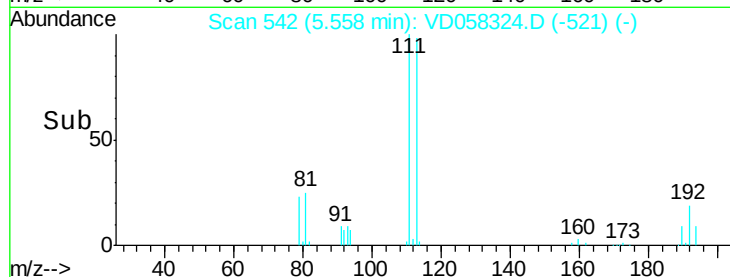
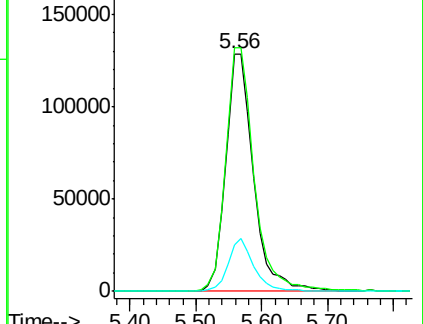
192 19.7 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058324.D

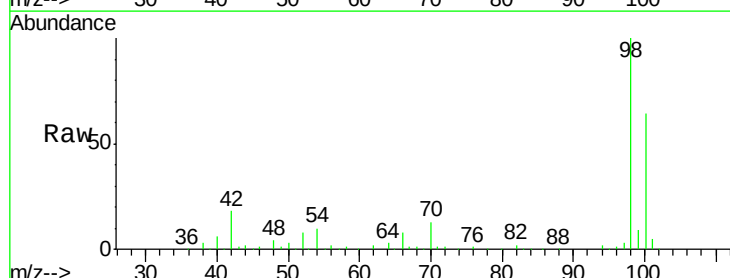
Acq: 23 Jun 2018 6:09

Tgt Ion: 98 Resp: 560710

Ion Ratio Lower Upper

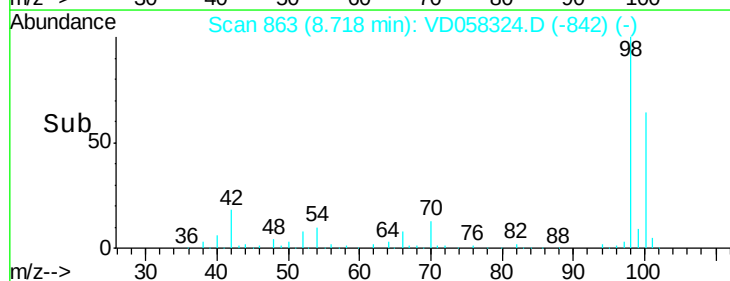
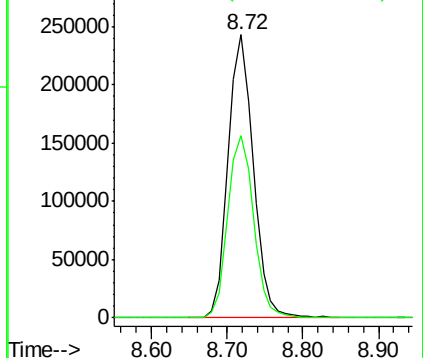
98 100

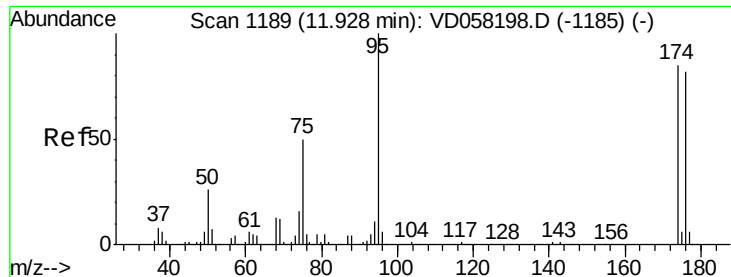
100 64.4 53.6 80.4



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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058324.D

Acq: 23 Jun 2018 6:09

Instrument :

MSVOA_D

ClientSampleId :

TR-05-062118

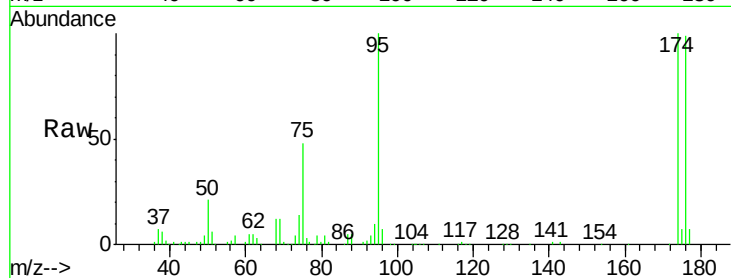
Tot Ion: 95 Resp: 295013

Ion Ratio Lower Upper

95 100

174 100.3 0.0 170.2

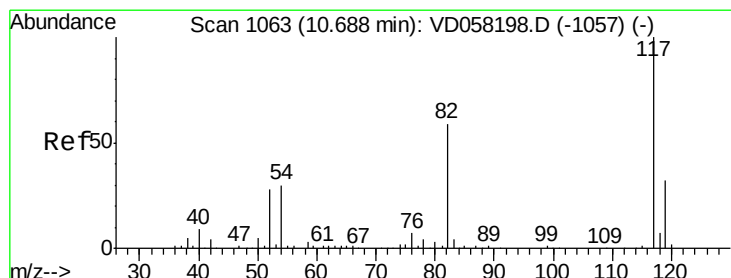
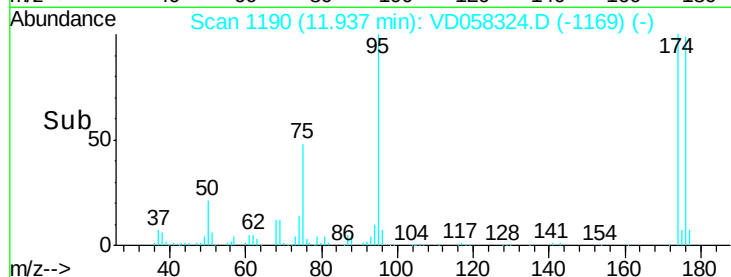
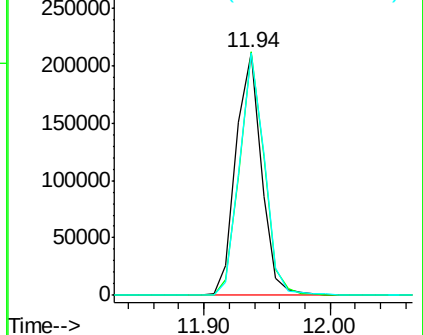
176 99.7 0.0 164.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058324.D

Acq: 23 Jun 2018 6:09

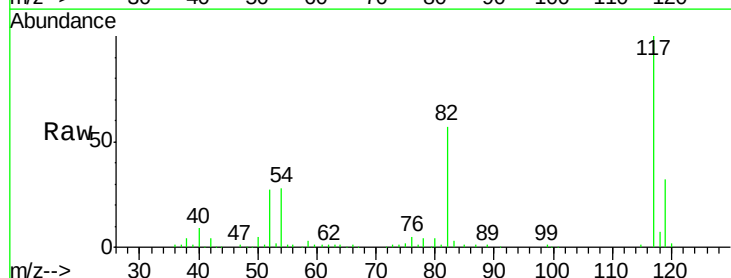
Tgt Ion: 117 Resp: 521640

Ion Ratio Lower Upper

117 100

82 57.5 47.0 70.6

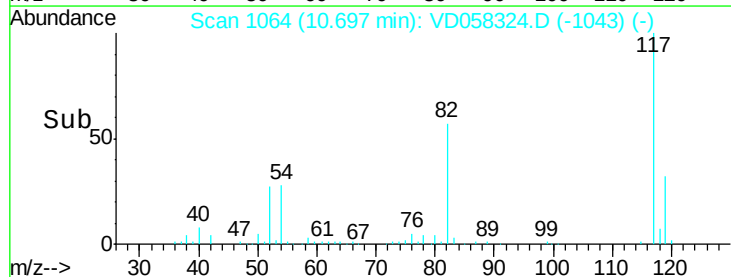
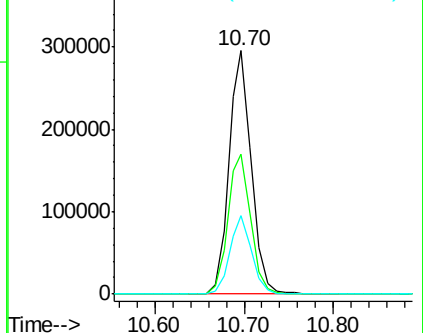
119 32.3 25.3 37.9

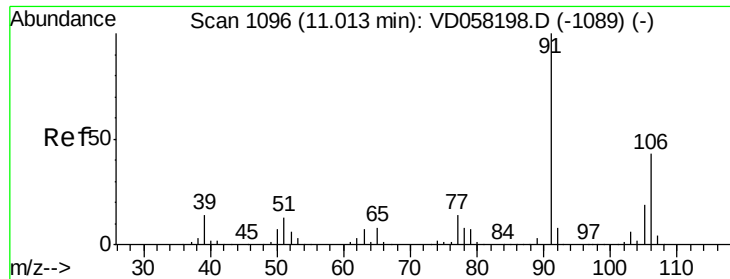


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

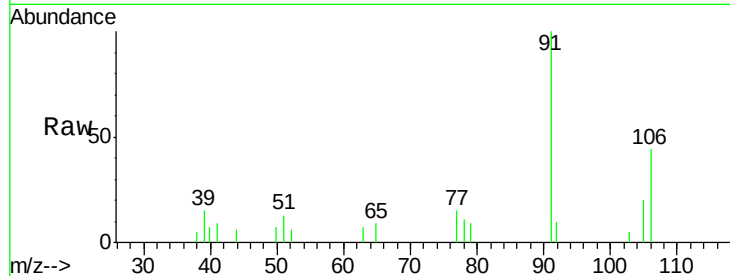




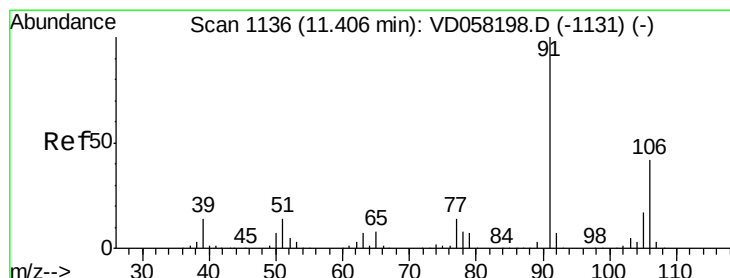
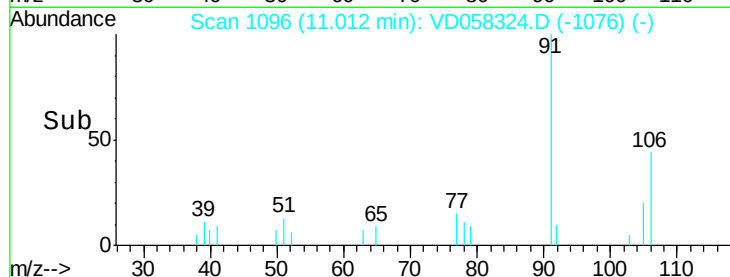
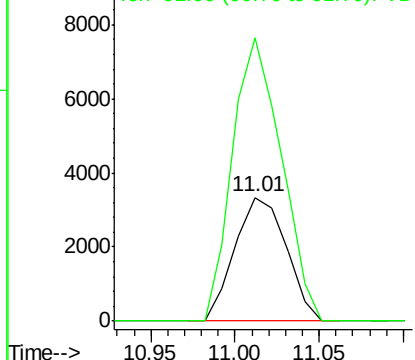
#68
m/p-Xylenes
Concen: 1.23 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VD058324.D
Acq: 23 Jun 2018 6:09

Instrument :
MSVOA_D
ClientSampleId :
TR-05-062118

Tot Ion:106 Resp: 7083
Ion Ratio Lower Upper
106 100
91 229.0 185.0 277.6

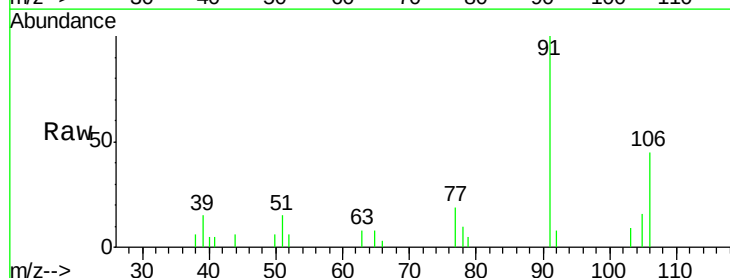


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

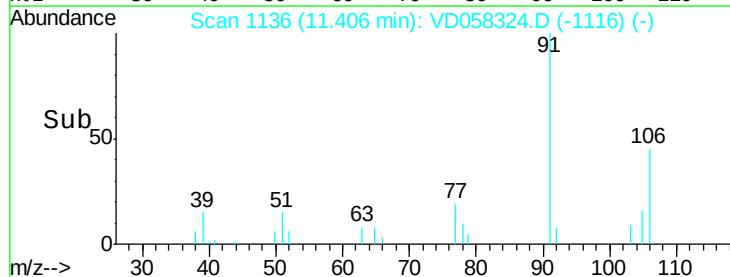
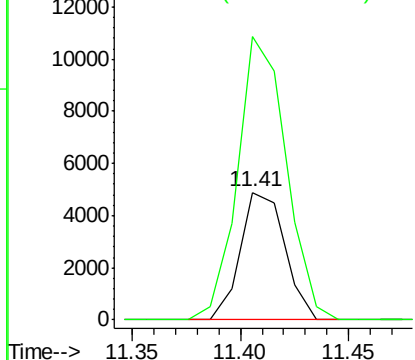


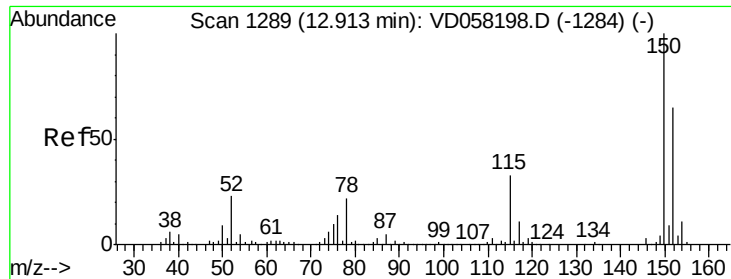
#69
o-Xylene
Concen: 1.29 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VD058324.D
Acq: 23 Jun 2018 6:09

Tgt Ion:106 Resp: 7060
Ion Ratio Lower Upper
106 100
91 221.9 120.2 360.6



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: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD058324.D

Acq: 23 Jun 2018 6:09

Instrument :

MSVOA_D

ClientSampleId :

TR-05-062118

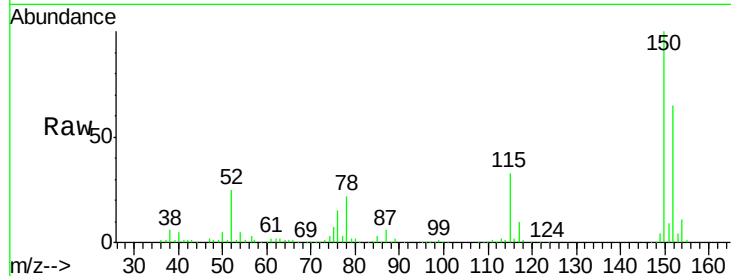
Tot Ion:152 Resp: 292988

Ion Ratio Lower Upper

152 100

115 50.8 25.1 75.3

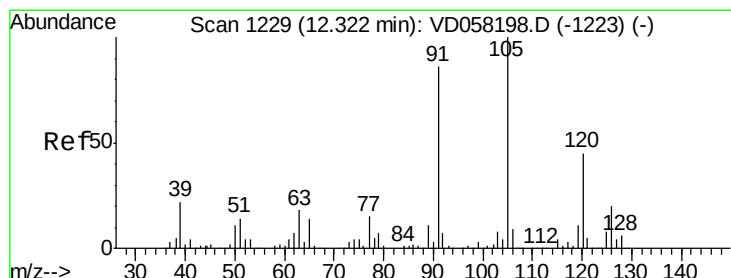
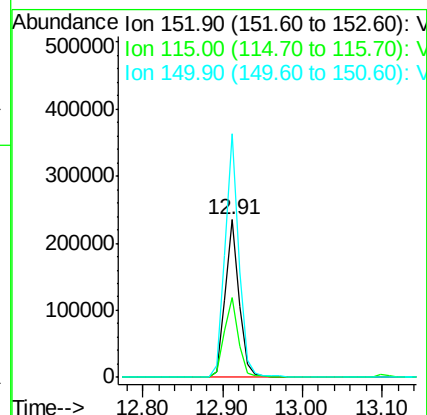
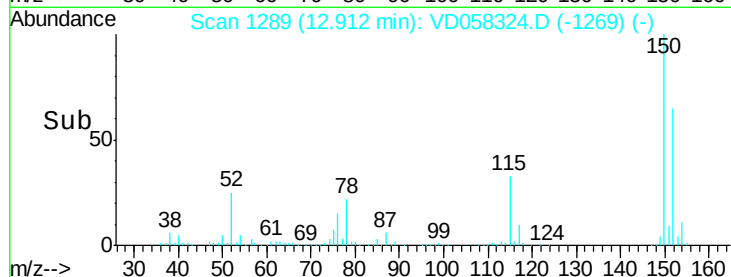
150 154.6 0.0 308.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.45 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058324.D

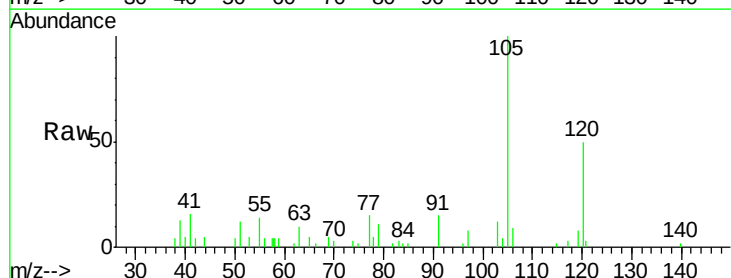
Acq: 23 Jun 2018 6:09

Tgt Ion:105 Resp: 19810

Ion Ratio Lower Upper

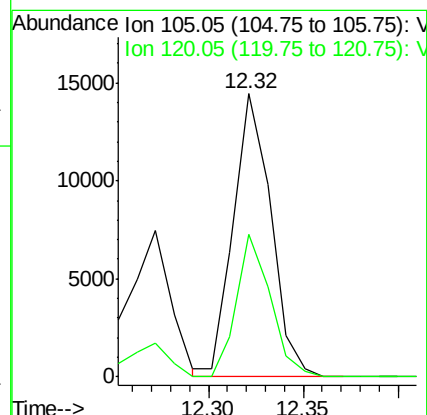
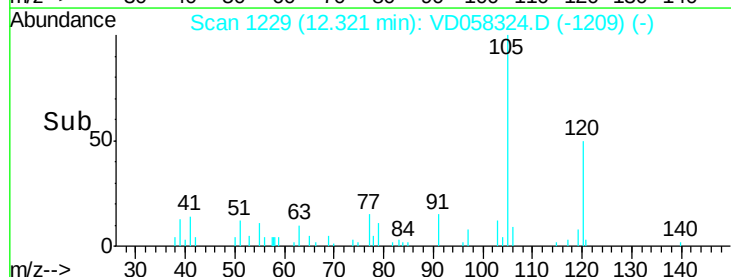
105 100

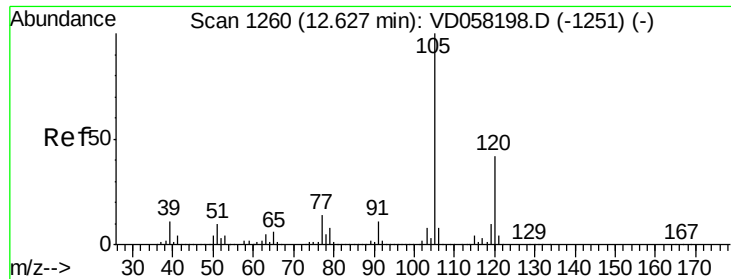
120 52.8 22.5 67.5



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: 2.44 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VD058324.D
 Acq: 23 Jun 2018 6:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-062118

Tot Ion:105 Resp: 36219
 Ion Ratio Lower Upper
 105 100
 120 41.9 20.8 62.4

