

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060269.D
 Acq On : 1 Nov 2018 18:29
 Operator : VA/AP
 Sample : J5200-17
 Misc : 6.06g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-103118-A

Quant Time: Nov 02 02:06:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

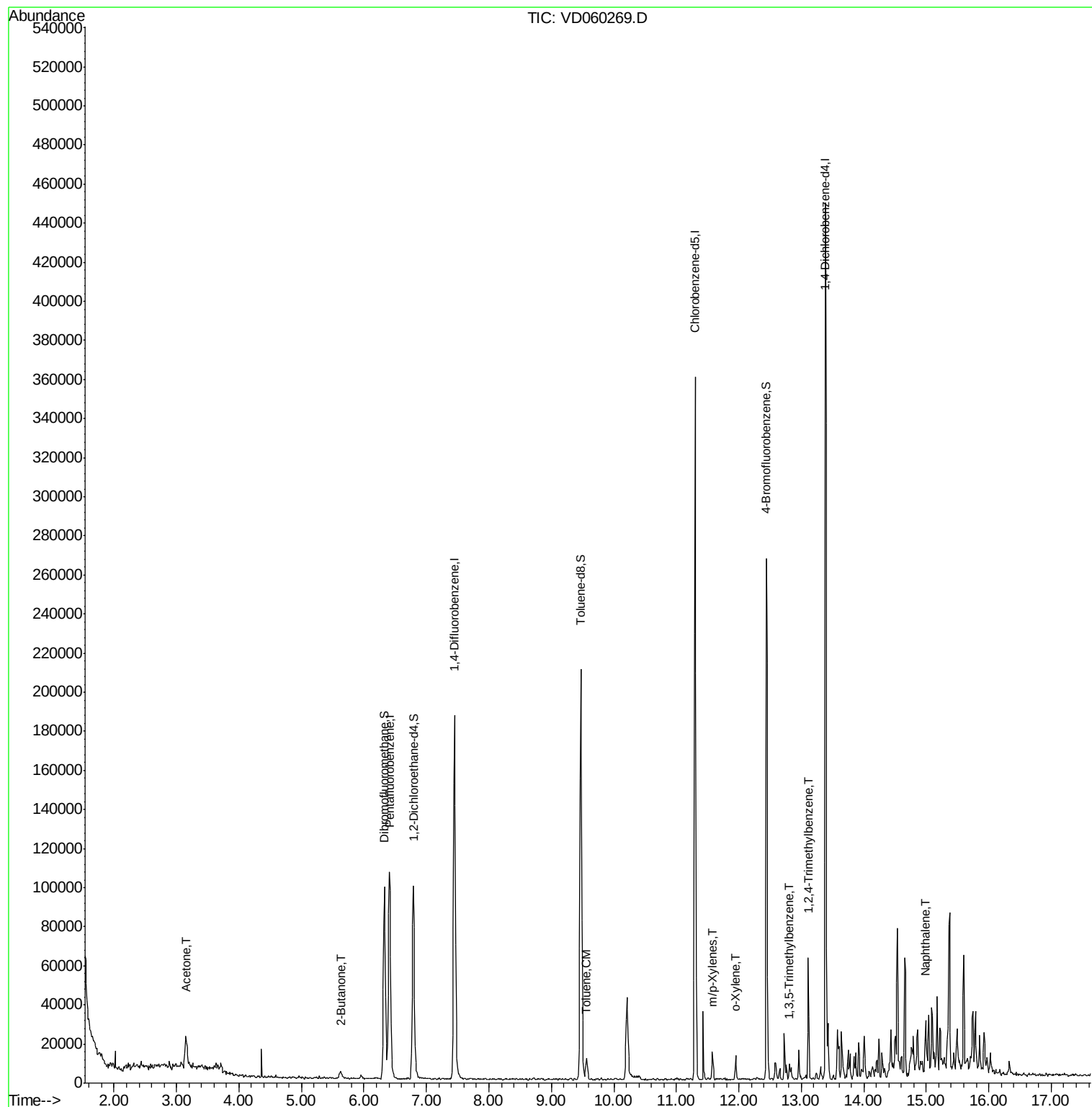
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	107760	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	187551	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.30	117	179651	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	98118	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	79532	97.37	ug/l	0.03
Spiked Amount 50.000			Recovery	=	194.74%	
35) Dibromofluoromethane	6.33	113	76010	53.37	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.74%	
50) Toluene-d8	9.47	98	164706	40.56	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.12%	
62) 4-Bromofluorobenzene	12.44	95	76848	50.54	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.08%	
Target Compounds						
16) Acetone	3.15	43	33079	223.178	ug/l	98
25) 2-Butanone	5.63	43	7570	20.444	ug/l #	83
52) Toluene	9.56	92	6158	2.039	ug/l	91
68) m/p-Xylenes	11.57	106	4590	1.951	ug/l	97
69) o-Xylene	11.95	106	3342	1.436	ug/l	90
80) 1,3,5-Trimethylbenzene	12.81	105	5127	1.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	26157	4.954	ug/l	88
95) Naphthalene	14.99	128	12222	3.525	ug/l #	95

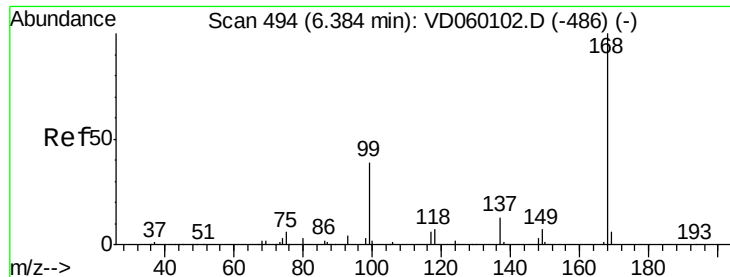
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 02 02:06:04 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

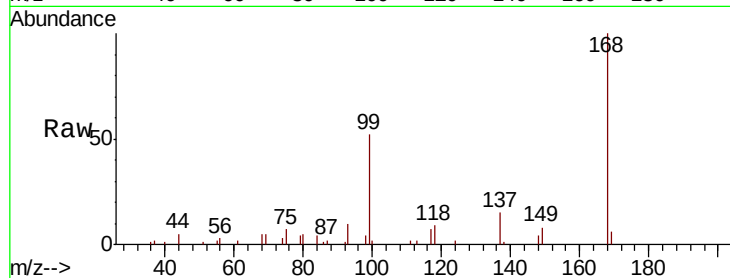
OR-03-103118-A

Tot Ion:168 Resp: 107760

Ion Ratio Lower Upper

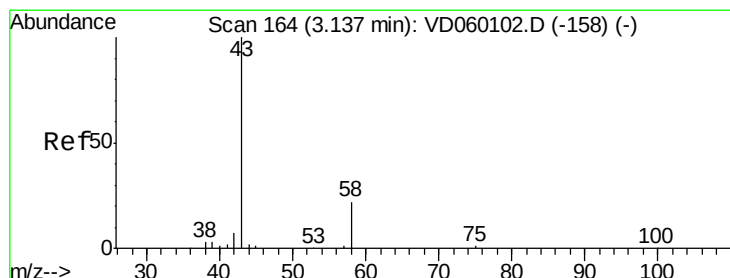
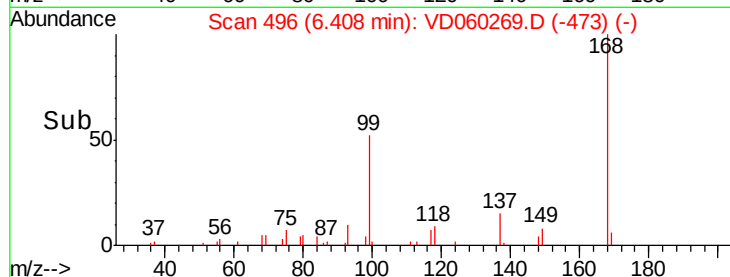
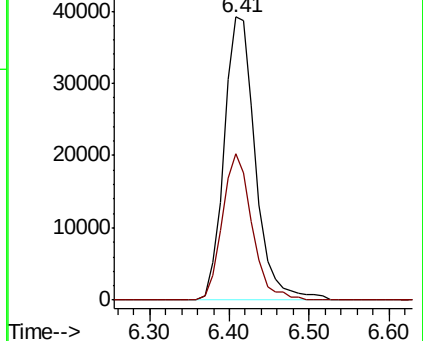
168 100

99 51.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 223.178 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060269.D

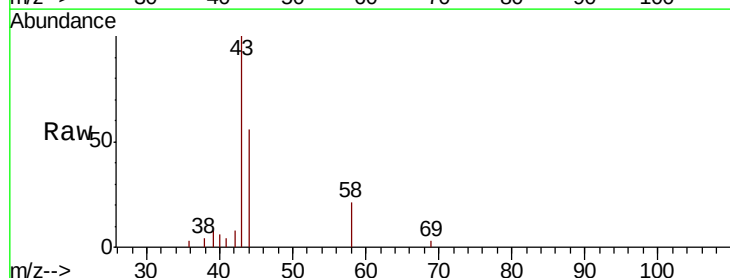
Acq: 1 Nov 2018 18:29

Tgt Ion: 43 Resp: 33079

Ion Ratio Lower Upper

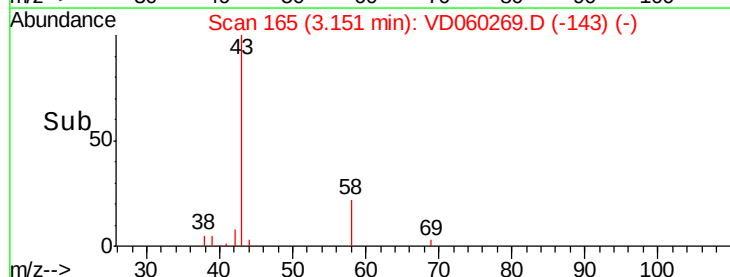
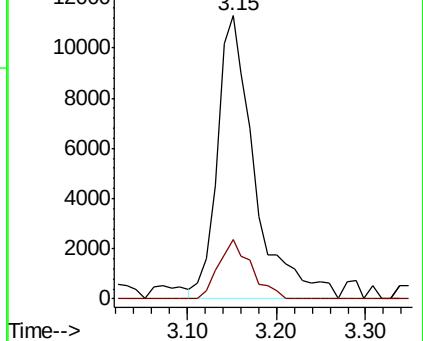
43 100

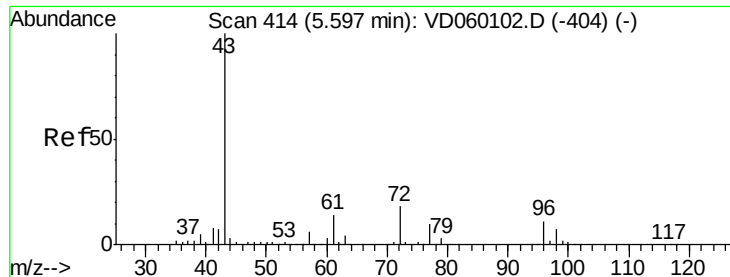
58 20.9 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 20.444 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

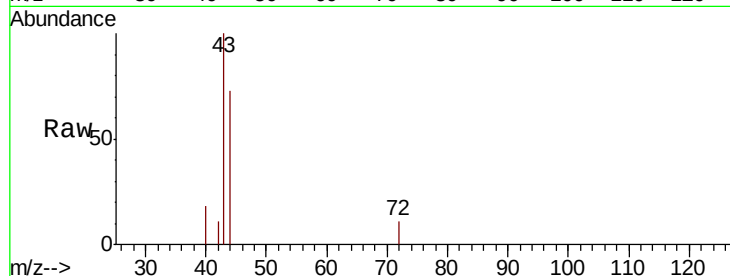
OR-03-103118-A

Tot Ion: 43 Resp: 7570

Ion Ratio Lower Upper

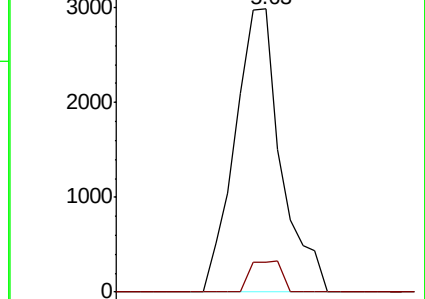
43 100

72 10.7 14.5 21.7#

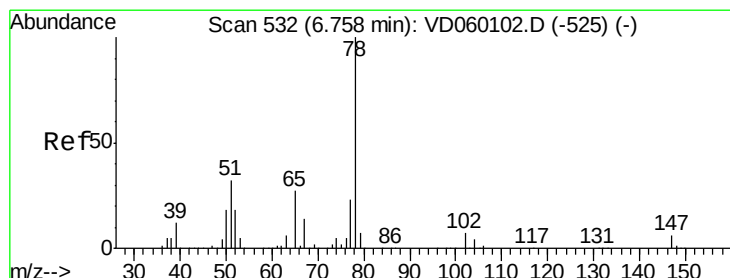
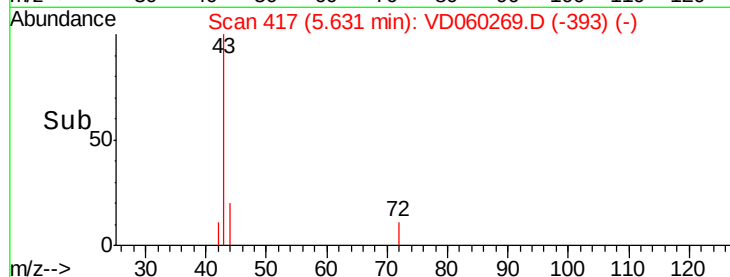


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060269.D

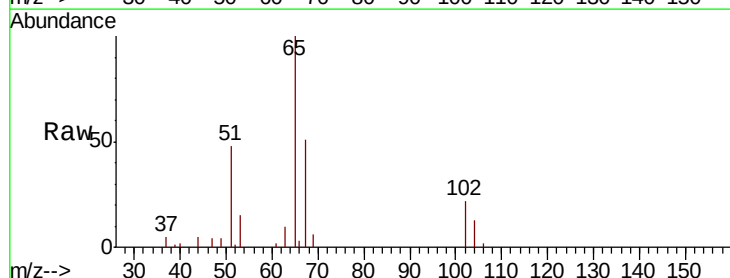
Acq: 1 Nov 2018 18:29

Tgt Ion: 65 Resp: 79532

Ion Ratio Lower Upper

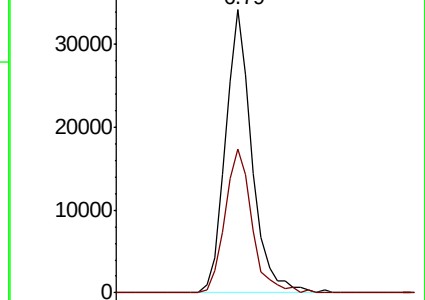
65 100

67 51.1 0.0 106.2

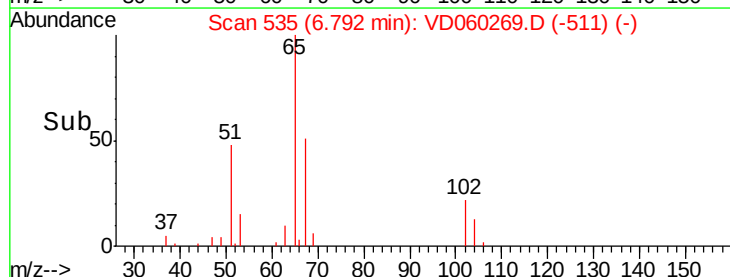


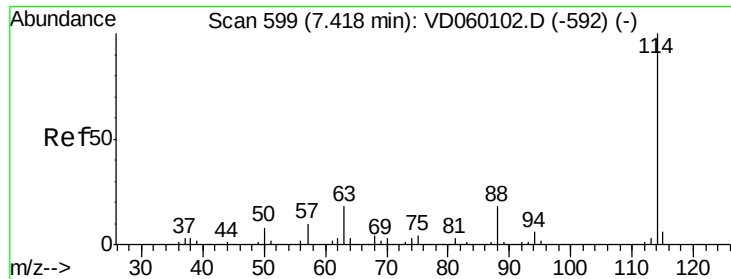
Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->

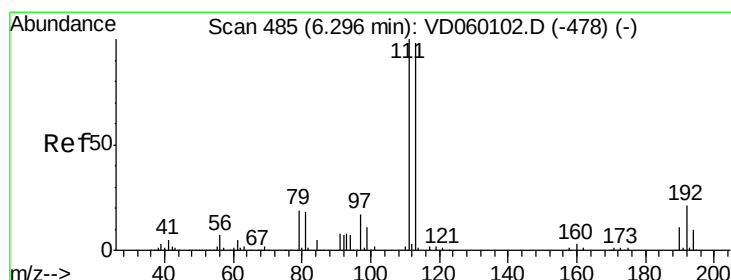
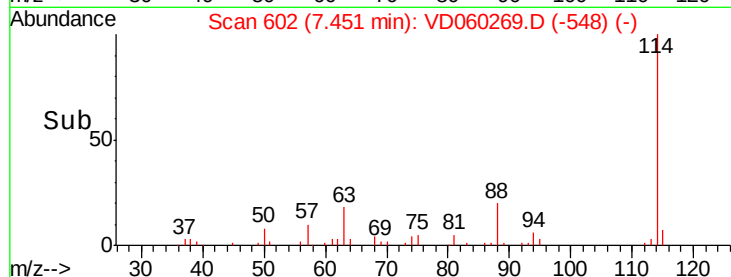
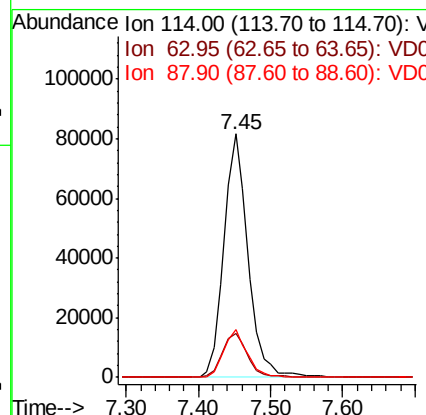
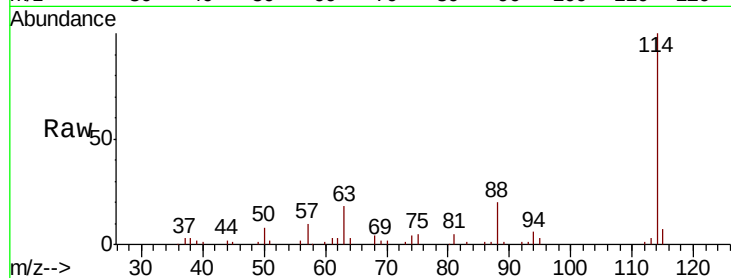




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060269.D
 Acq: 1 Nov 2018 18:29

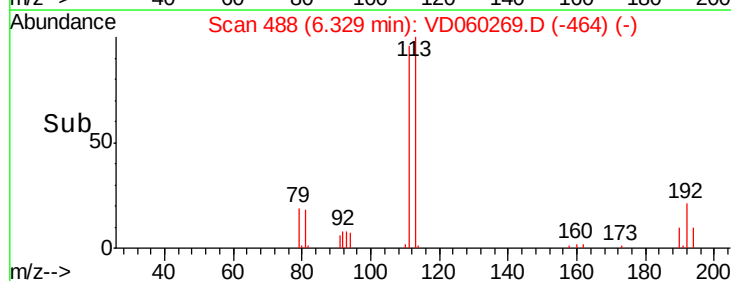
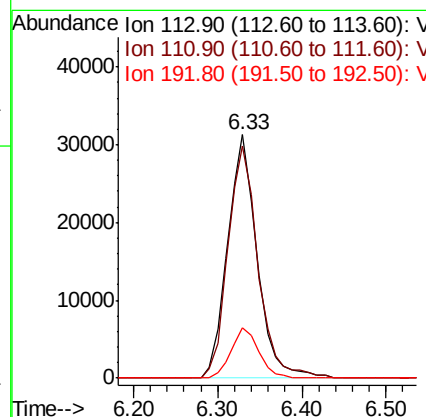
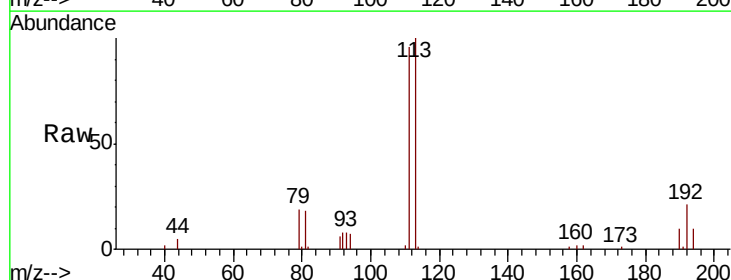
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-103118-A

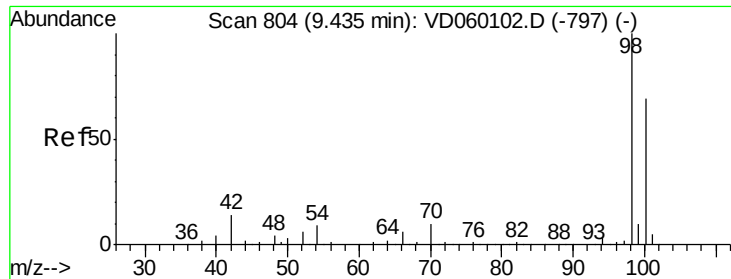
Tot Ion:114 Resp: 187551
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 19.6 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060269.D
 Acq: 1 Nov 2018 18:29

Tgt Ion:113 Resp: 76010
 Ion Ratio Lower Upper
 113 100
 111 95.6 81.5 122.3
 192 20.7 17.4 26.0

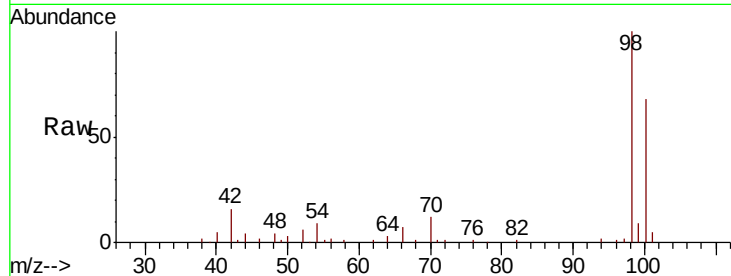




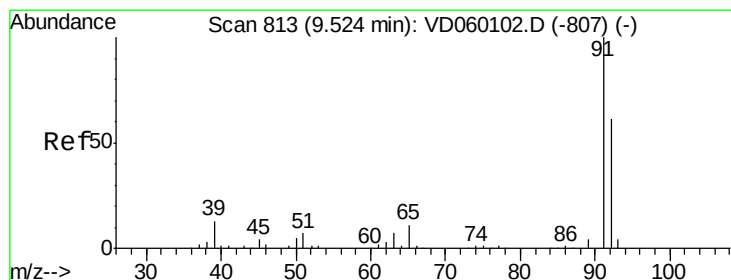
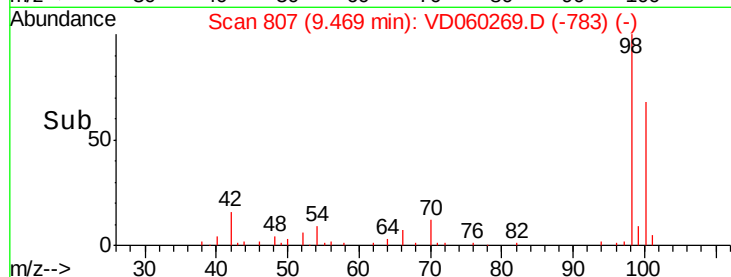
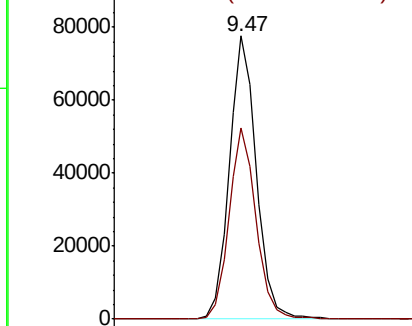
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060269.D
Acq: 1 Nov 2018 18:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-103118-A

Tot Ion: 98 Resp: 164706
Ion Ratio Lower Upper
98 100
100 67.8 55.4 83.0

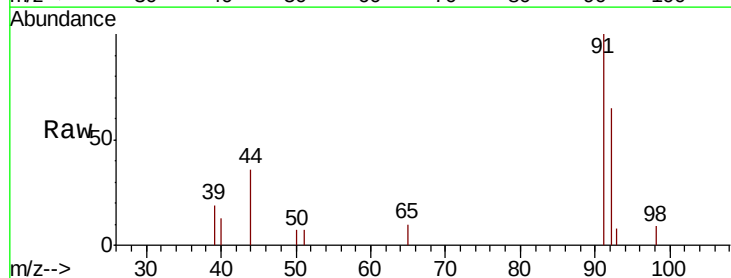


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

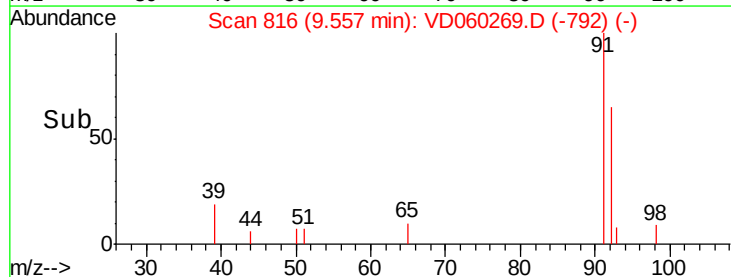
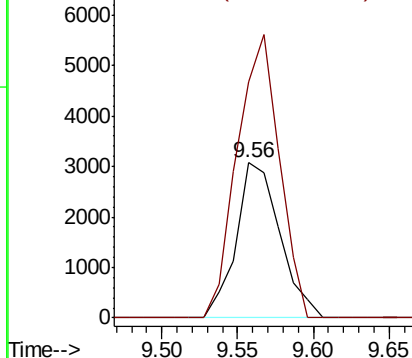


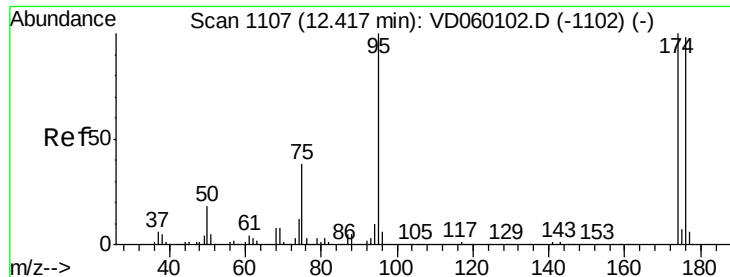
#52
Toluene
Concen: 2.039 ug/l
RT: 9.56 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060269.D
Acq: 1 Nov 2018 18:29

Tgt Ion: 92 Resp: 6158
Ion Ratio Lower Upper
92 100
91 152.8 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.02 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

OR-03-103118-A

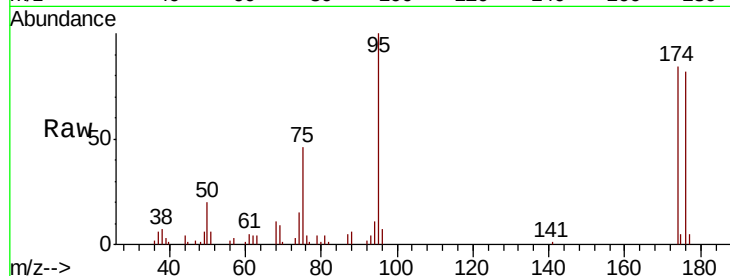
Tot Ion: 95 Resp: 76848

Ion Ratio Lower Upper

95 100

174 84.4 0.0 200.2

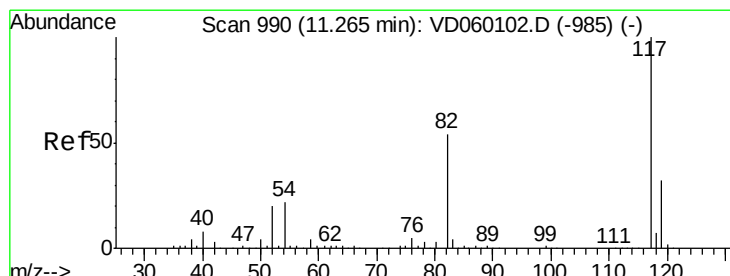
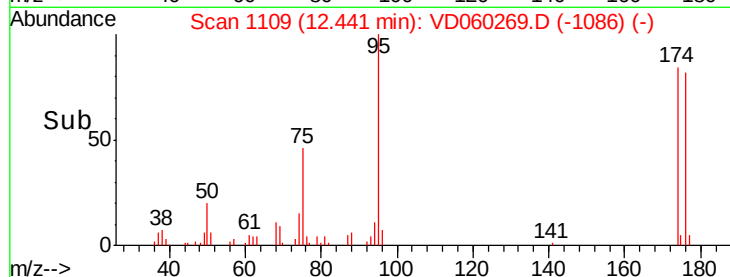
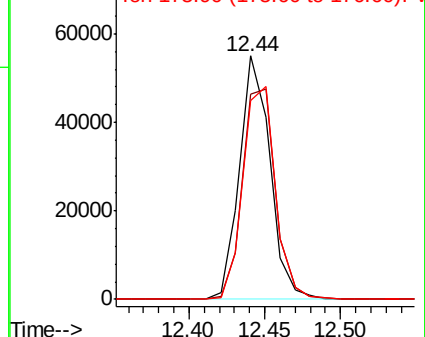
176 81.6 0.0 195.6



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: 50.000 ug/l

RT: 11.30 min Scan# 993

Delta R.T. 0.03 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

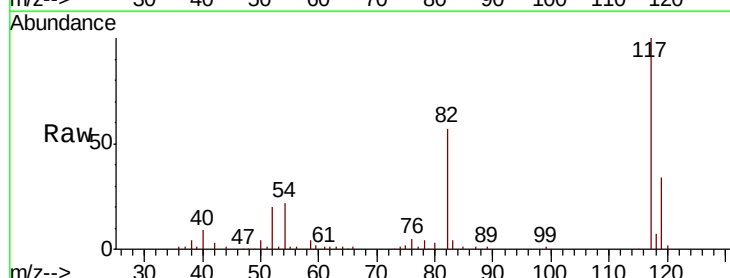
Tgt Ion: 117 Resp: 179651

Ion Ratio Lower Upper

117 100

82 57.3 43.4 65.2

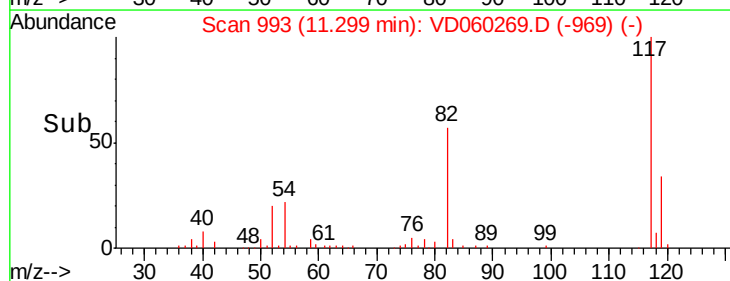
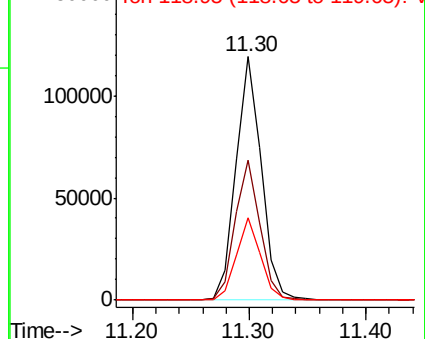
119 33.9 26.0 39.0

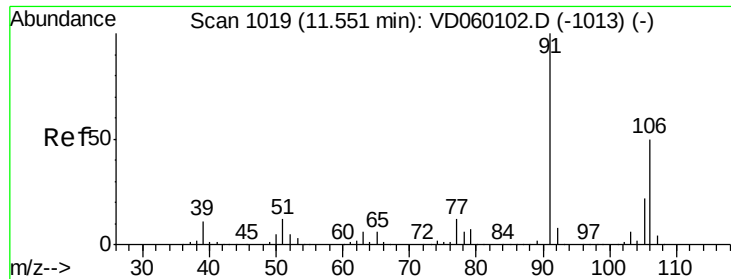


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#68

m/p-Xylenes

Concen: 1.951 ug/l

RT: 11.57 min Scan# 1021

Delta R.T. 0.02 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

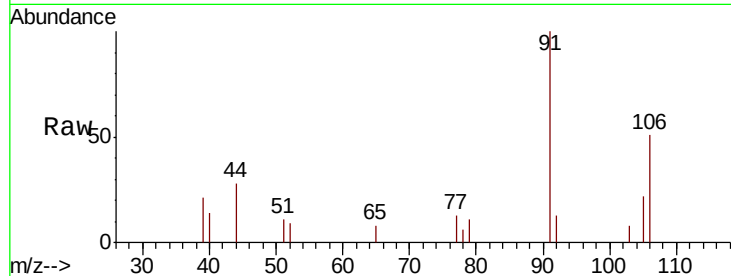
OR-03-103118-A

Tot Ion:106 Resp: 4590

Ion Ratio Lower Upper

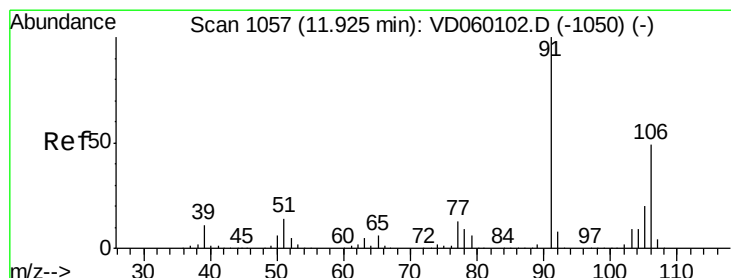
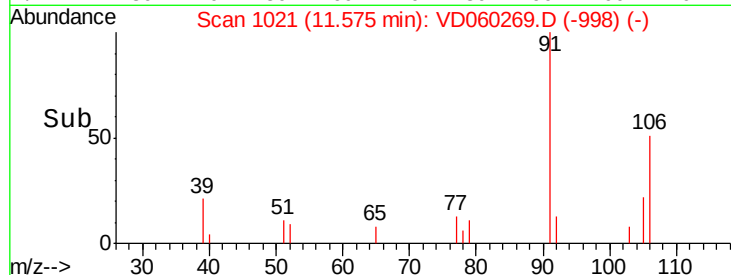
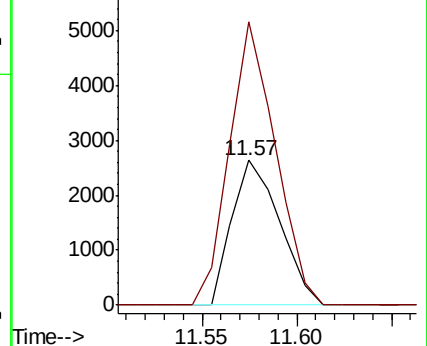
106 100

91 195.4 160.0 240.0



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 1.436 ug/l

RT: 11.95 min Scan# 1059

Delta R.T. 0.02 min

Lab File: VD060269.D

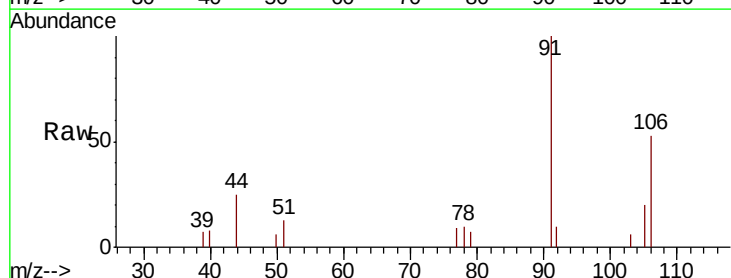
Acq: 1 Nov 2018 18:29

Tgt Ion:106 Resp: 3342

Ion Ratio Lower Upper

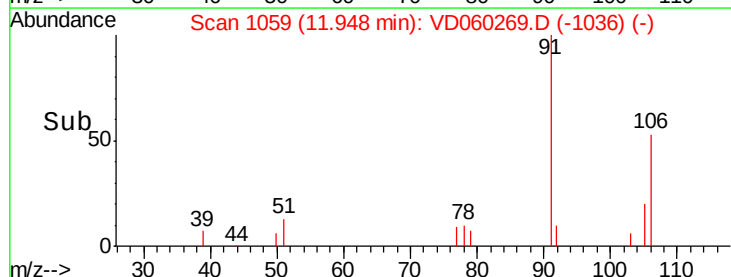
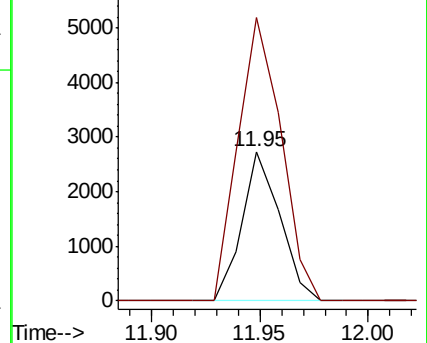
106 100

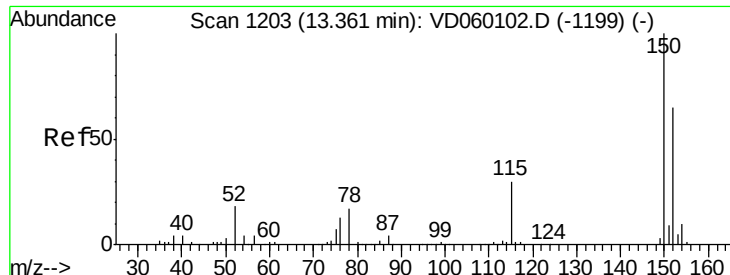
91 189.2 102.5 307.5



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: 50.000 ug/l

RT: 13.39 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

OR-03-103118-A

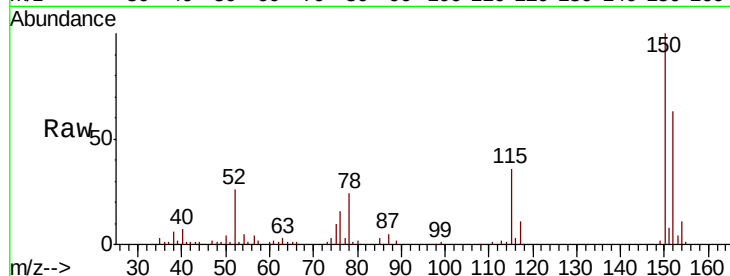
Tot Ion:152 Resp: 98118

Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.2

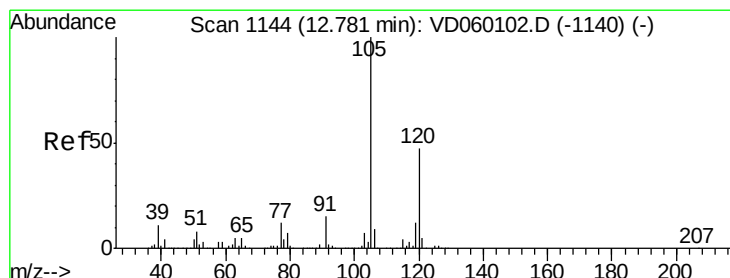
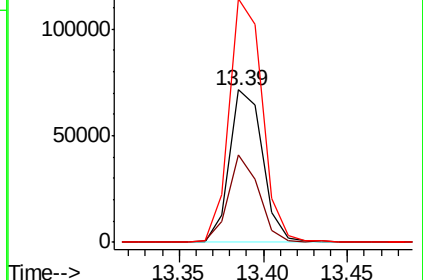
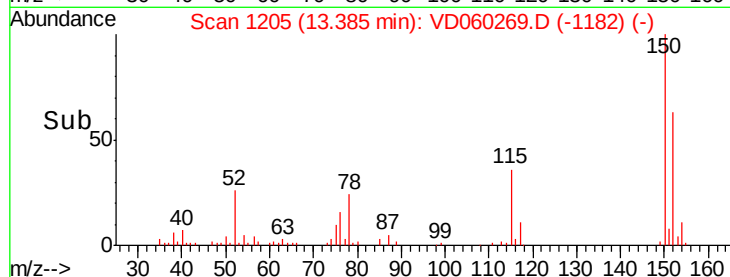
150 159.5 0.0 311.8



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: 1.023 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. 0.03 min

Lab File: VD060269.D

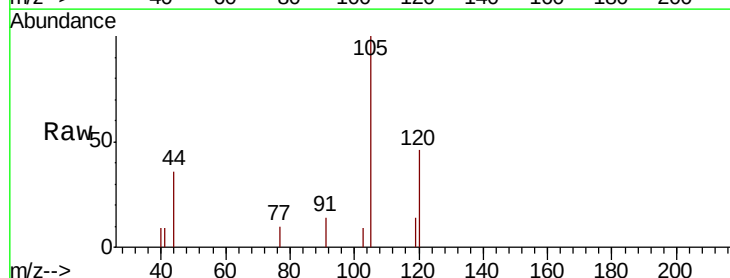
Acq: 1 Nov 2018 18:29

Tgt Ion:105 Resp: 5127

Ion Ratio Lower Upper

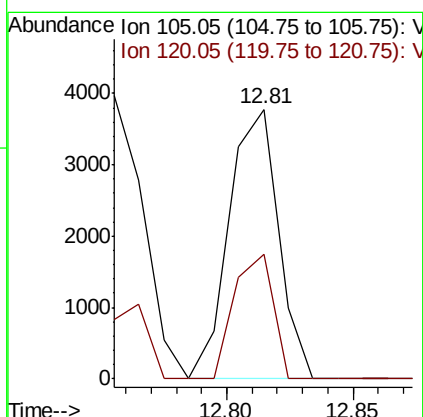
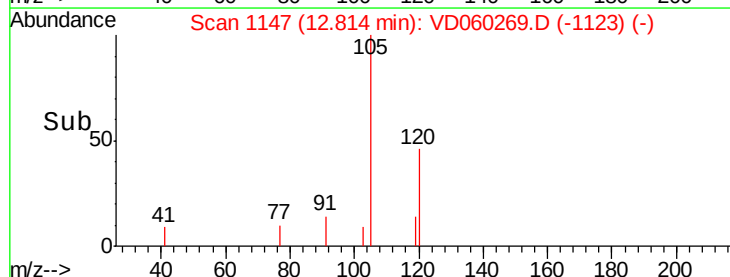
105 100

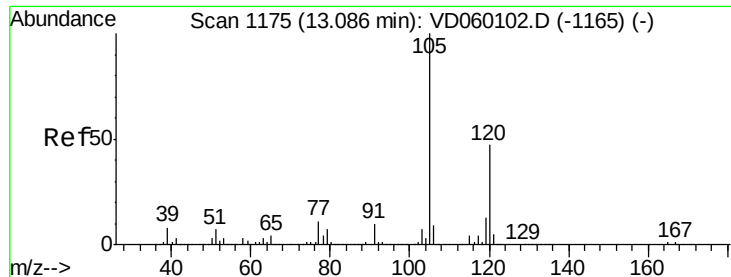
120 46.4 23.7 71.1



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: 4.954 ug/l

RT: 13.11 min Scan# 1177

Delta R.T. 0.02 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

Instrument :

MSVOA_D

ClientSampleId :

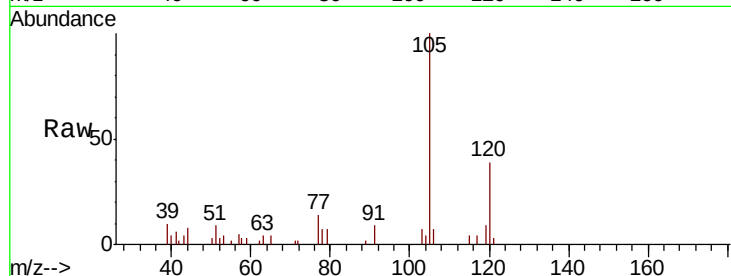
OR-03-103118-A

Tot Ion:105 Resp: 26157

Ion Ratio Lower Upper

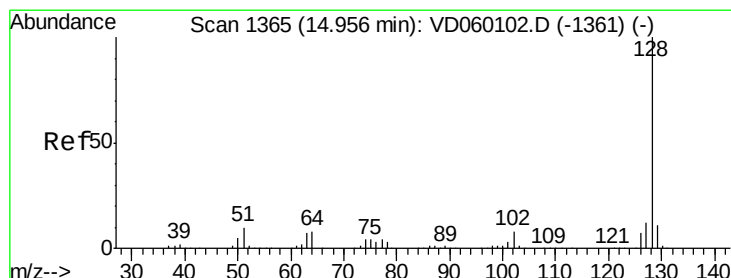
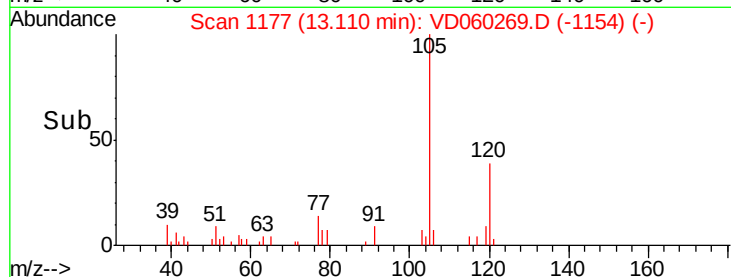
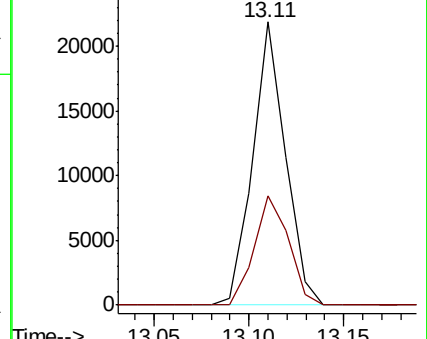
105 100

120 38.7 23.4 70.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#95

Naphthalene

Concen: 3.525 ug/l

RT: 14.99 min Scan# 1368

Delta R.T. 0.03 min

Lab File: VD060269.D

Acq: 1 Nov 2018 18:29

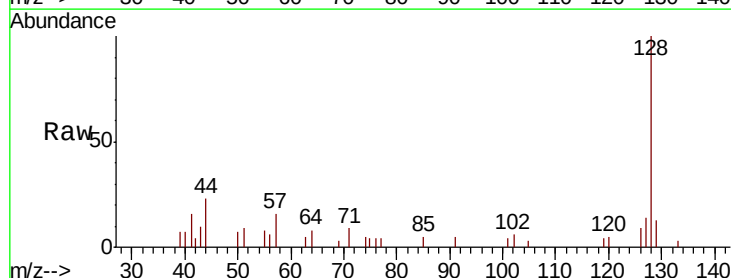
Tgt Ion:128 Resp: 12222

Ion Ratio Lower Upper

128 100

127 13.8 9.9 14.9

129 13.4 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

