

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060270.D
 Acq On : 1 Nov 2018 18:57
 Operator : VA/AP
 Sample : J5200-19
 Misc : 6.83g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 02 02:08:19 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	6.40	168	363204	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	582681	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	525260	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	249383	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	238036	86.46	ug/l	0.02
Spiked Amount			Recovery	=	172.92%	
35) Dibromofluoromethane	6.32	113	225505	50.96	ug/l	0.02
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	9.46	98	503413	39.90	ug/l	0.02
Spiked Amount			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	12.43	95	197421	41.79	ug/l	0.01
Spiked Amount			Recovery	=	83.58%	

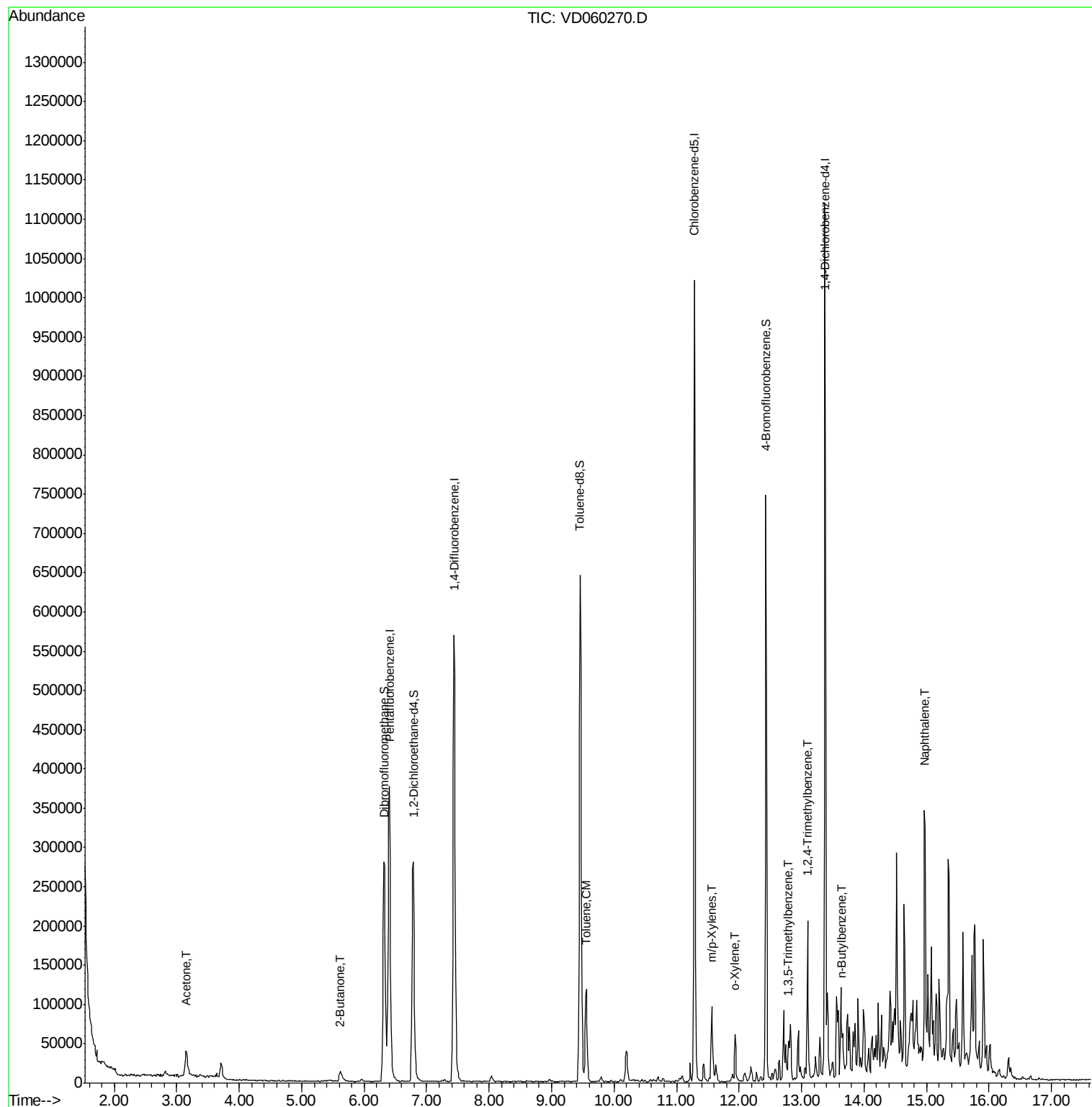
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.15	43	70190	140.502	ug/l	97
25) 2-Butanone	5.62	43	26549	21.273	ug/l #	91
52) Toluene	9.55	92	62180	6.628	ug/l	93
68) m/p-Xylenes	11.56	106	26697	3.881	ug/l	86
69) o-Xylene	11.94	106	13576	1.995	ug/l	73
80) 1,3,5-Trimethylbenzene	12.79	105	20101	1.579	ug/l	87
84) 1,2,4-Trimethylbenzene	13.10	105	81811	6.096	ug/l	94
89) n-Butylbenzene	13.65	91	23344	1.688	ug/l	92
95) Naphthalene	14.97	128	206172	23.397	ug/l	99

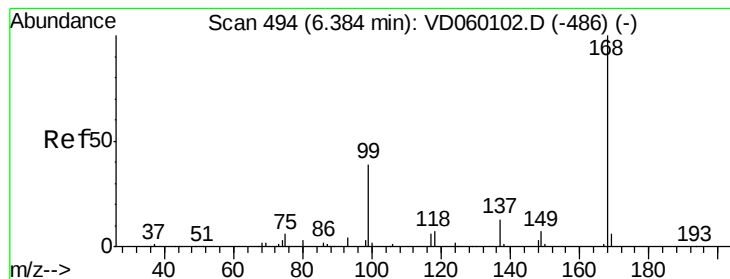
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110118\
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Quant Title : SW846 8260
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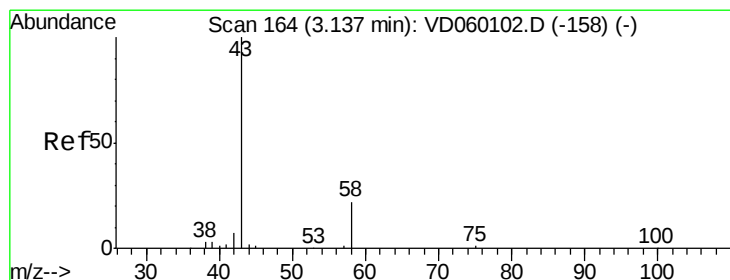
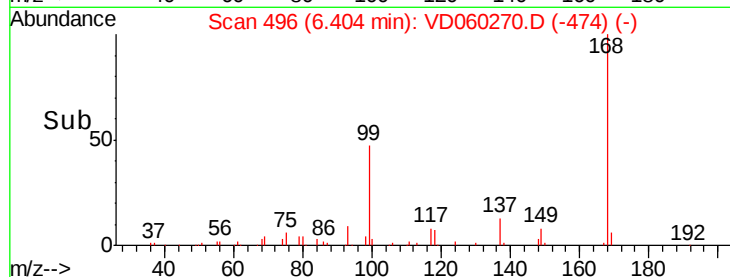
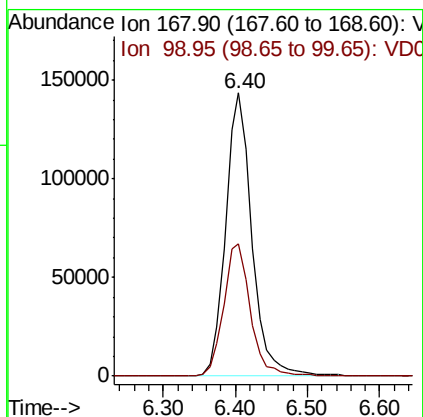
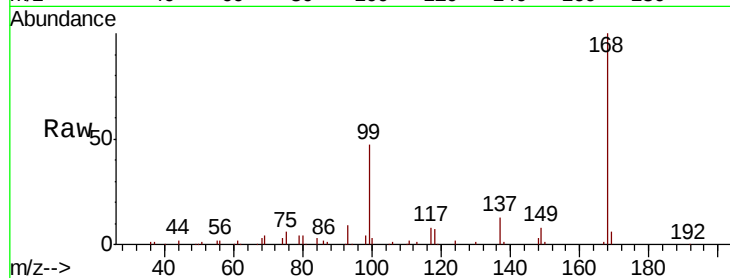




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060270.D
Acq: 1 Nov 2018 18:57

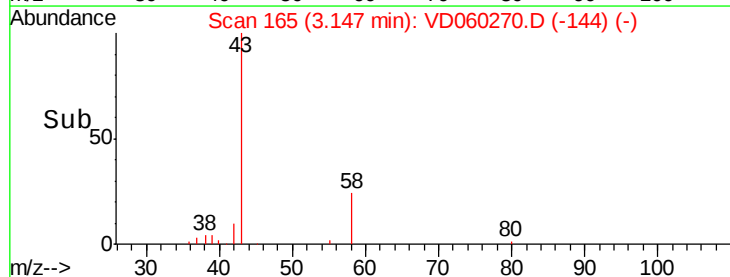
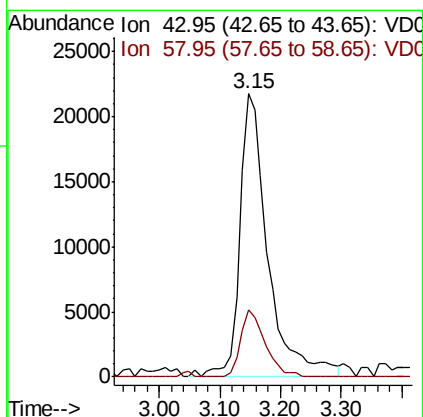
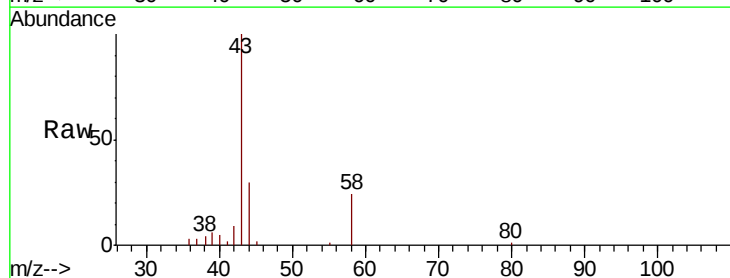
Instrument :
MSVOA_D
ClientSampleId :
OR-03-103118-B

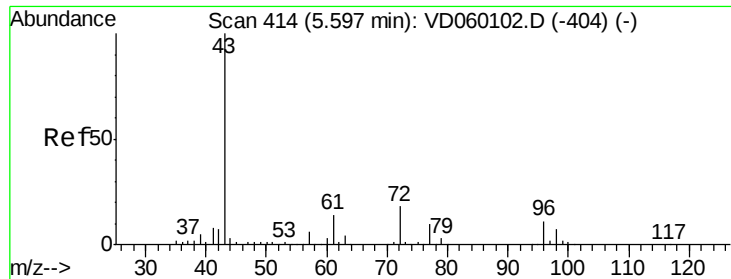
Tot Ion:168 Resp: 363204
Ion Ratio Lower Upper
168 100
99 46.9 35.4 53.0



#16
Acetone
Concen: 140.502 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.01 min
Lab File: VD060270.D
Acq: 1 Nov 2018 18:57

Tgt Ion: 43 Resp: 70190
Ion Ratio Lower Upper
43 100
58 23.7 17.7 26.5





#25

2-Butanone

Concen: 21.273 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060270.D

Acq: 1 Nov 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

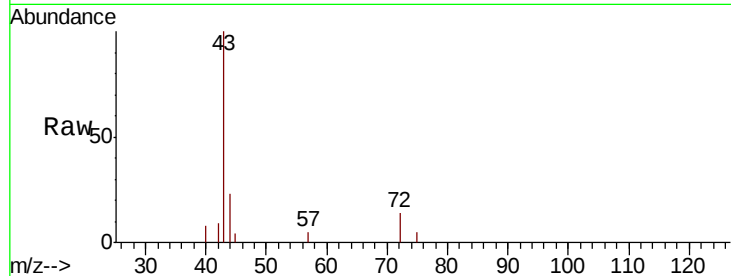
OR-03-103118-B

Tot Ion: 43 Resp: 26549

Ion Ratio Lower Upper

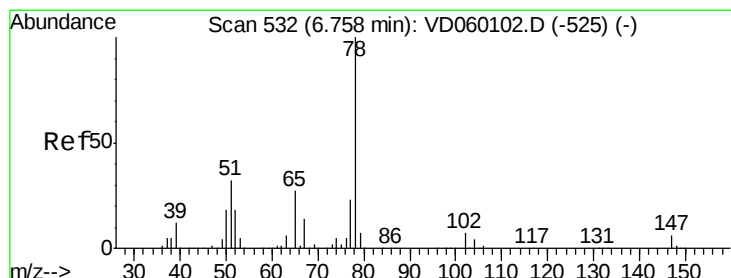
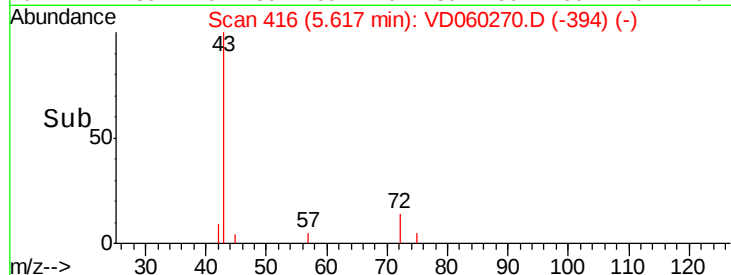
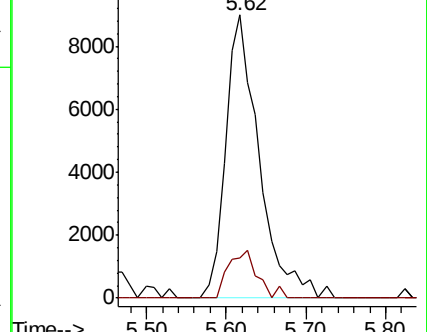
43 100

72 14.2 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060270.D

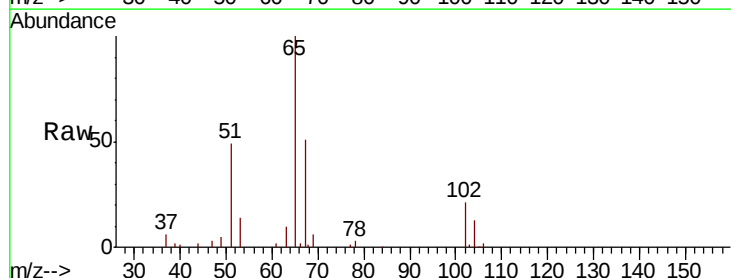
Acq: 1 Nov 2018 18:57

Tgt Ion: 65 Resp: 238036

Ion Ratio Lower Upper

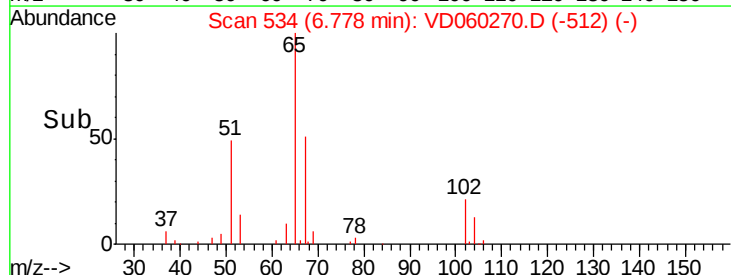
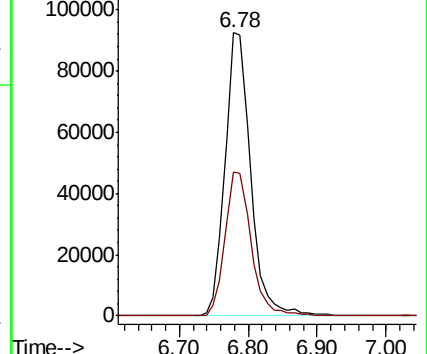
65 100

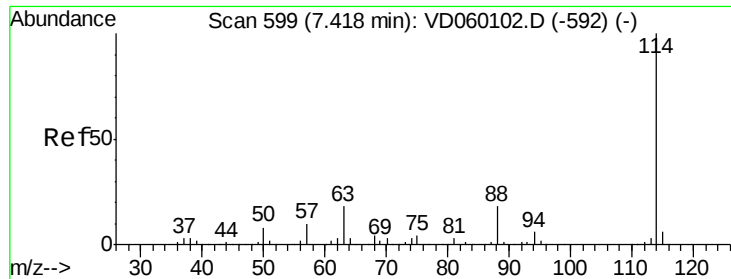
67 51.0 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

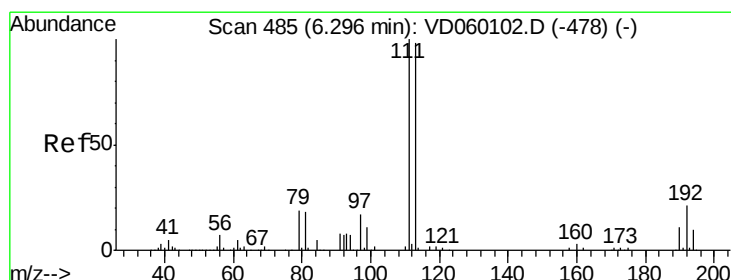
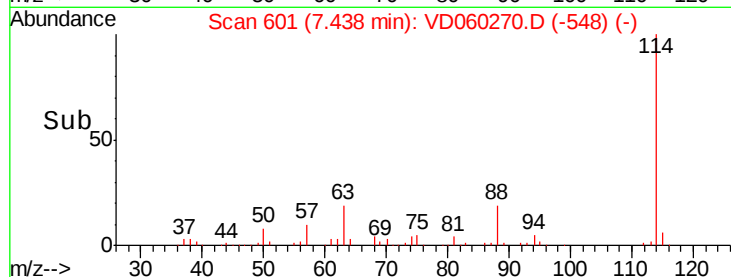
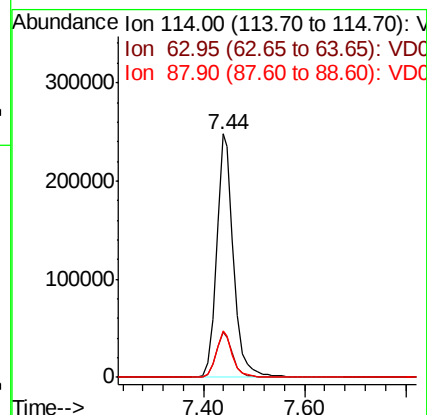
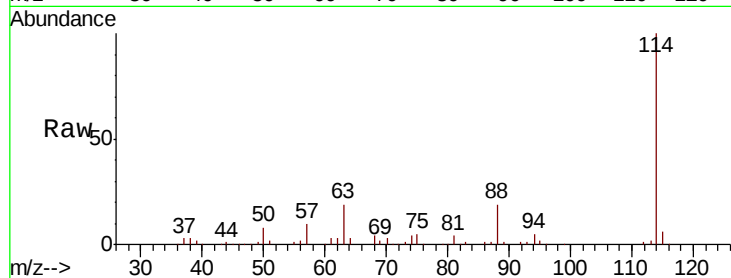




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060270.D
 Acq: 1 Nov 2018 18:57

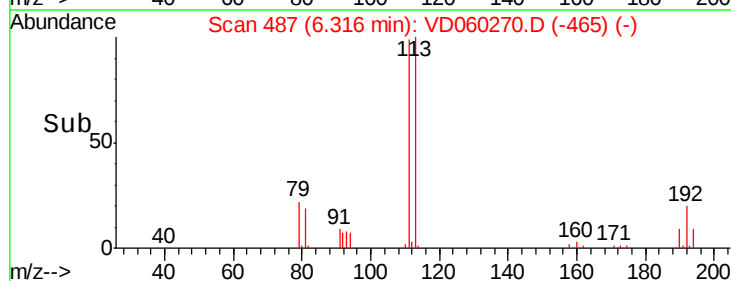
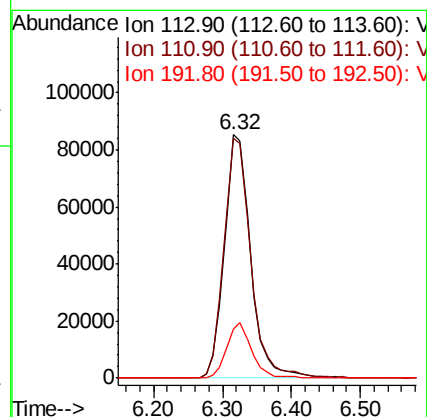
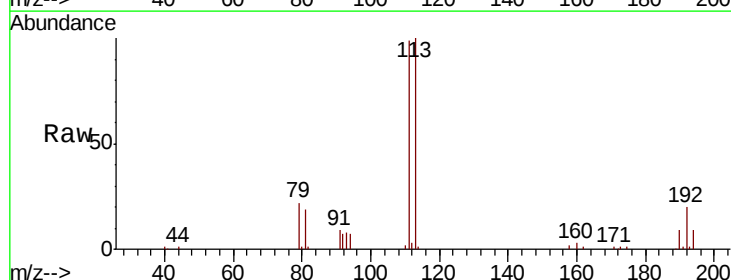
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-103118-B

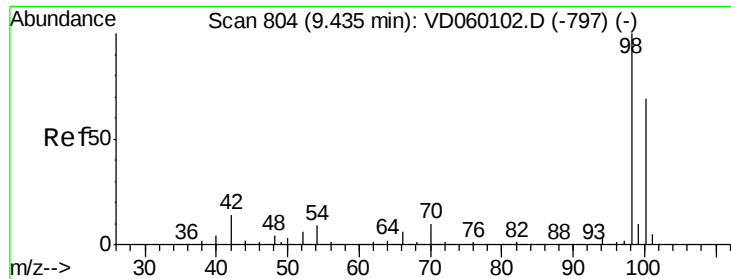
Tot Ion:114 Resp: 582681
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 19.1 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060270.D
 Acq: 1 Nov 2018 18:57

Tgt Ion:113 Resp: 225505
 Ion Ratio Lower Upper
 113 100
 111 98.7 81.5 122.3
 192 20.1 17.4 26.0

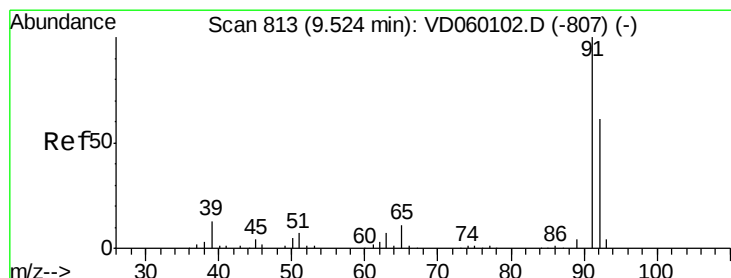
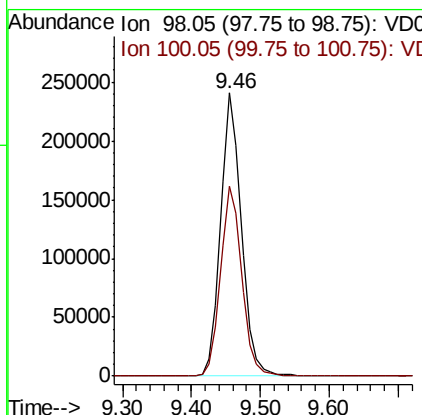
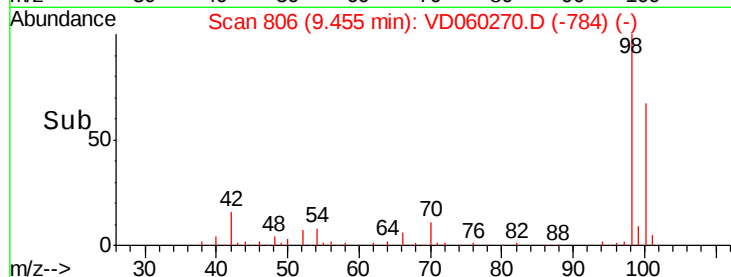
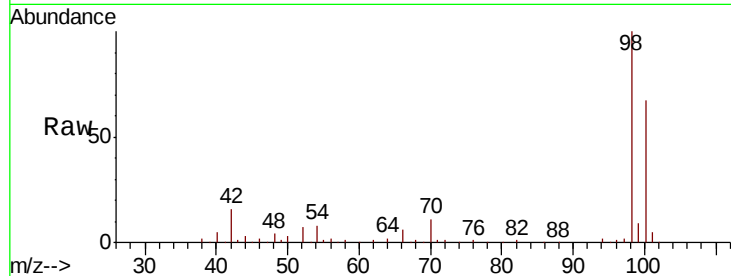




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060270.D
Acq: 1 Nov 2018 18:57

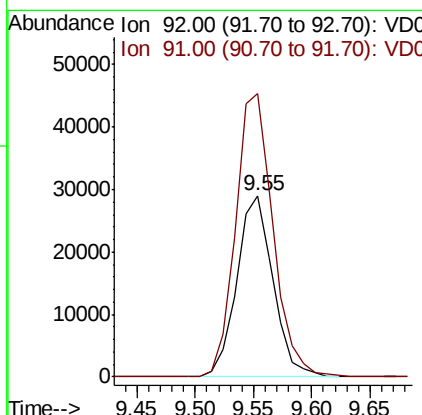
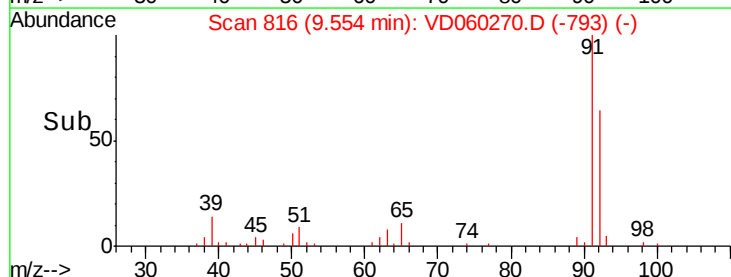
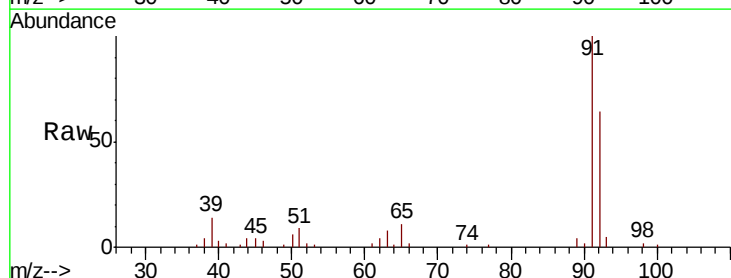
Instrument :
MSVOA_D
ClientSampleId :
OR-03-103118-B

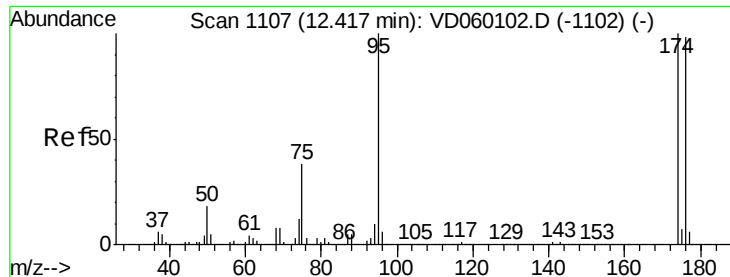
Tot Ion: 98 Resp: 503413
Ion Ratio Lower Upper
98 100
100 66.9 55.4 83.0



#52
Toluene
Concen: 6.628 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060270.D
Acq: 1 Nov 2018 18:57

Tgt Ion: 92 Resp: 62180
Ion Ratio Lower Upper
92 100
91 155.8 131.9 197.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060270.D

Acq: 1 Nov 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

OR-03-103118-B

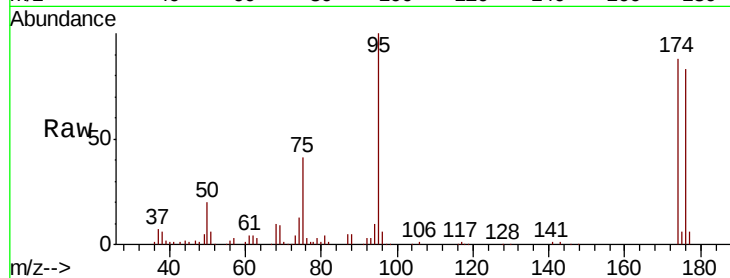
Tot Ion: 95 Resp: 197421

Ion Ratio Lower Upper

95 100

174 87.5 0.0 200.2

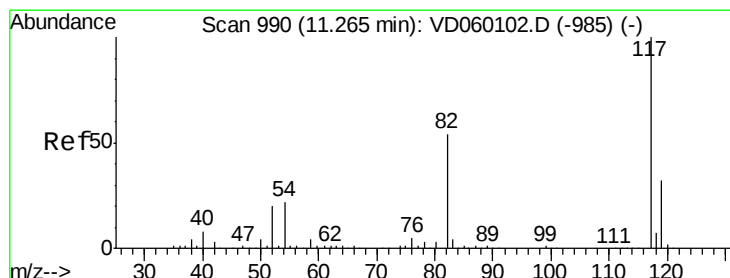
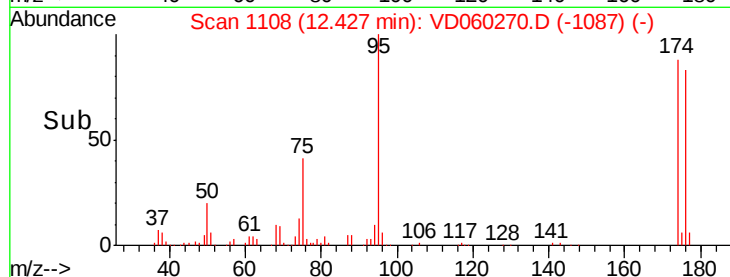
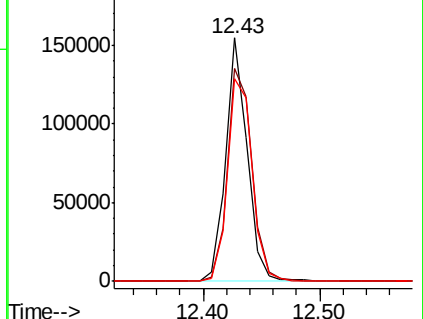
176 83.2 0.0 195.6



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: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060270.D

Acq: 1 Nov 2018 18:57

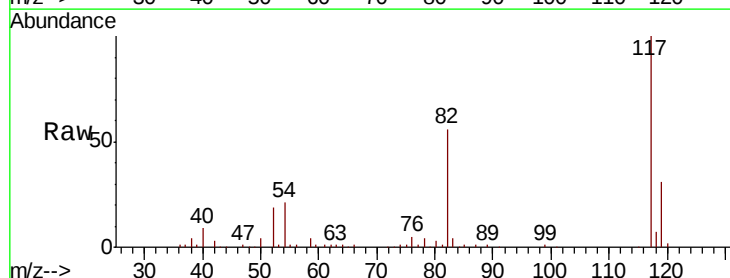
Tgt Ion: 117 Resp: 525260

Ion Ratio Lower Upper

117 100

82 56.3 43.4 65.2

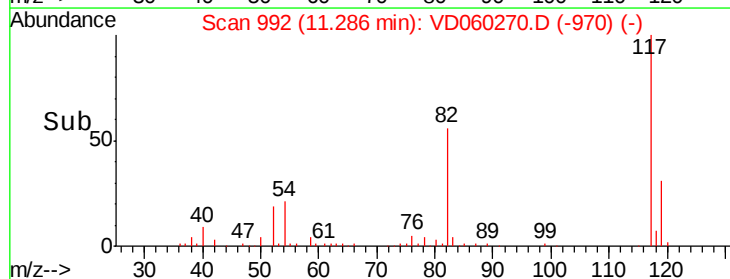
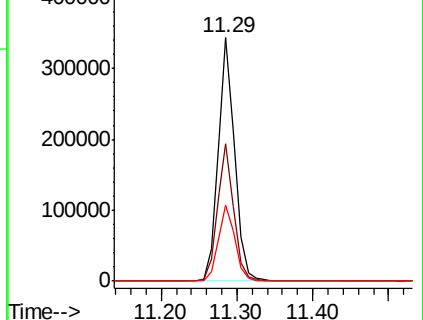
119 31.4 26.0 39.0

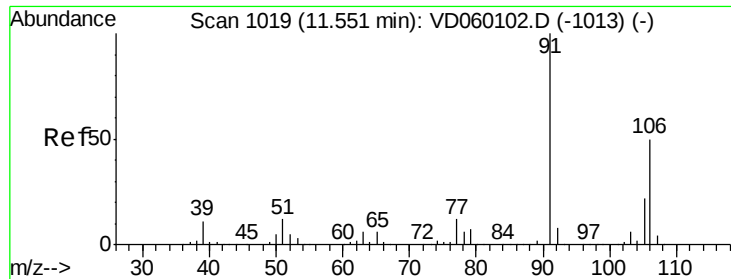


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

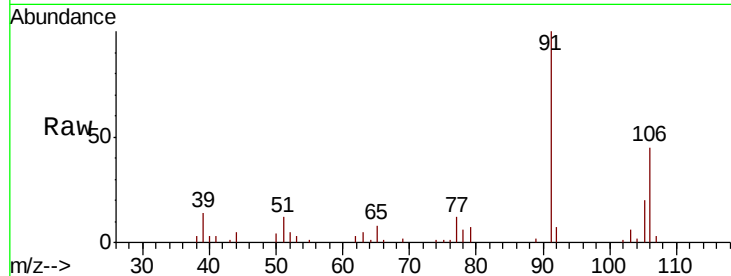




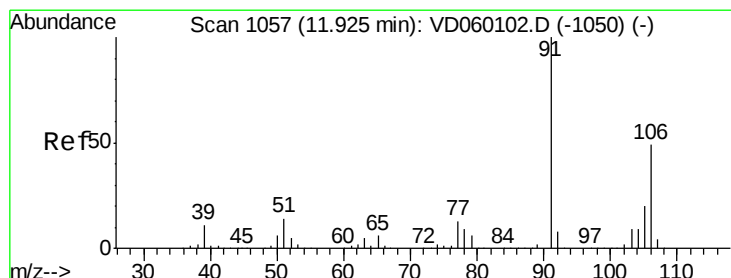
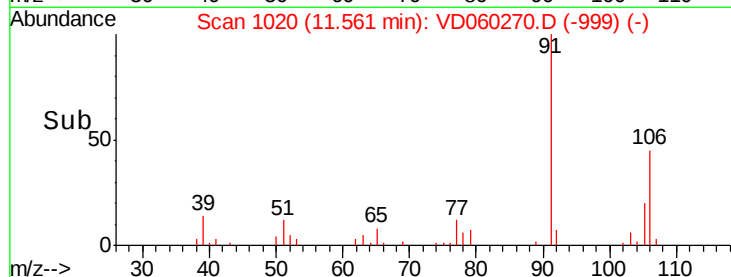
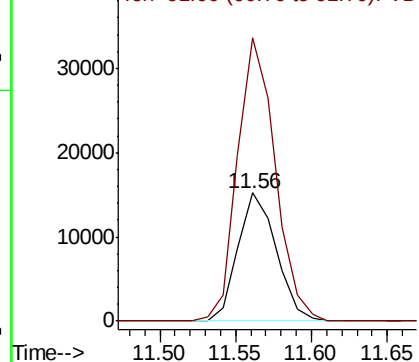
#68
m/p-Xylenes
Concen: 3.881 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060270.D
Acq: 1 Nov 2018 18:57

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

Tot Ion:106 Resp: 26697
Ion Ratio Lower Upper
106 100
91 221.3 160.0 240.0

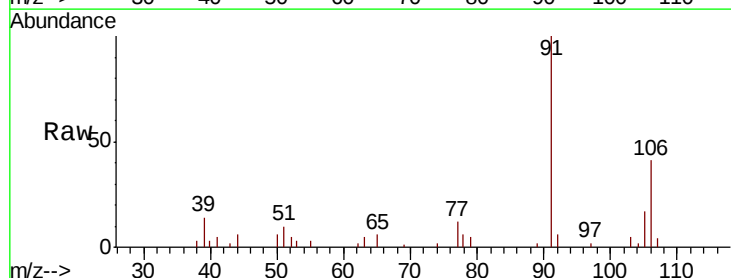


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

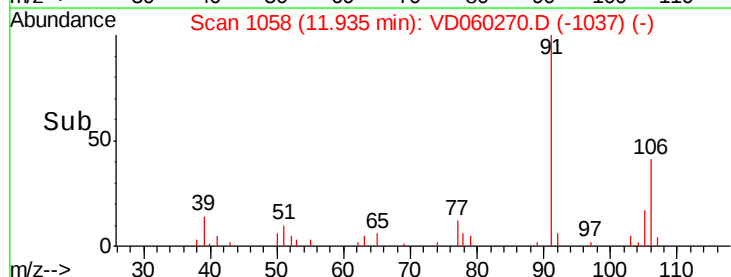
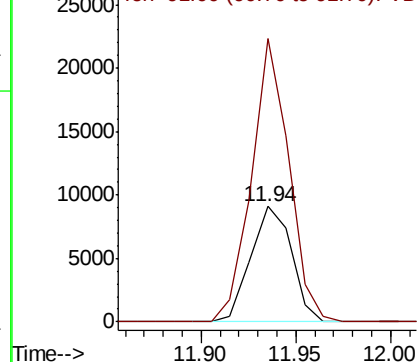


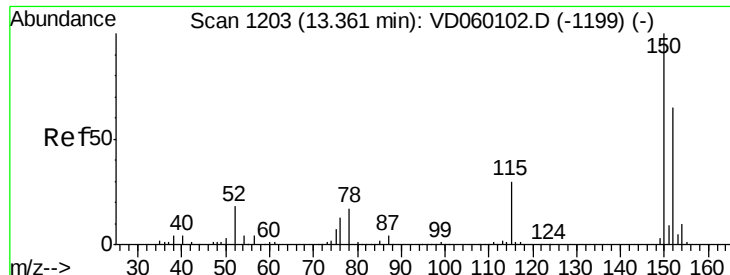
#69
o-Xylene
Concen: 1.995 ug/l
RT: 11.94 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060270.D
Acq: 1 Nov 2018 18:57

Tgt Ion:106 Resp: 13576
Ion Ratio Lower Upper
106 100
91 245.8 102.5 307.5



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: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060270.D

Acq: 1 Nov 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

OR-03-103118-B

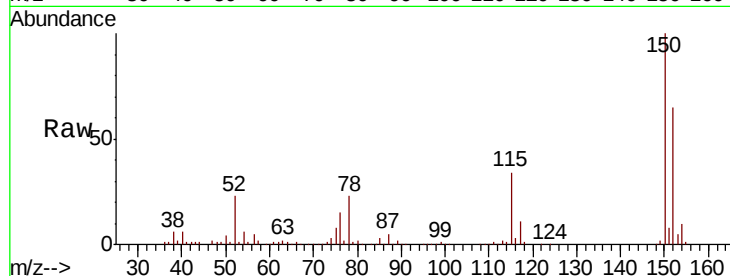
Tot Ion:152 Resp: 249383

Ion Ratio Lower Upper

152 100

115 52.8 27.1 81.2

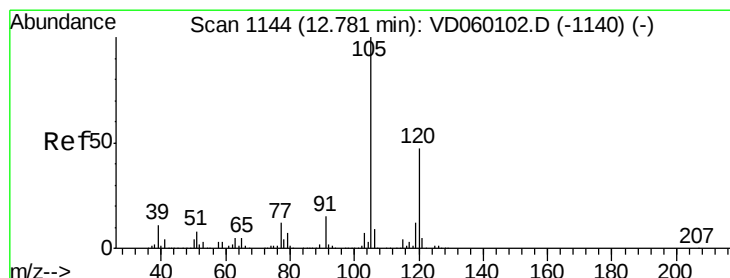
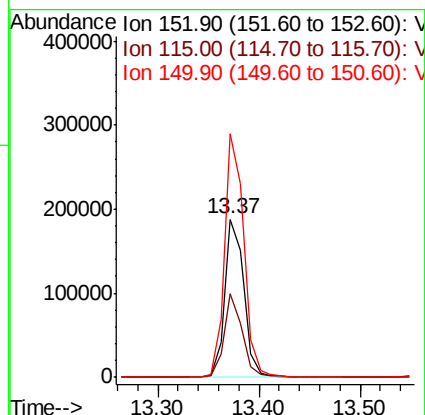
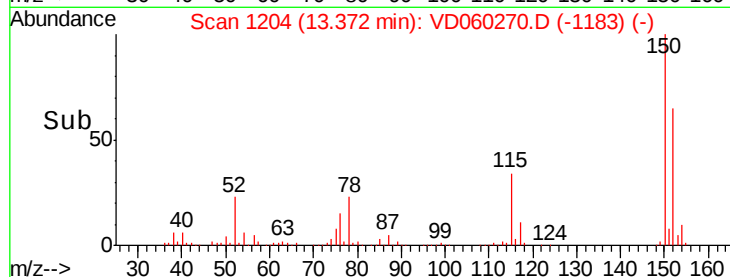
150 154.1 0.0 311.8



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: 1.579 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD060270.D

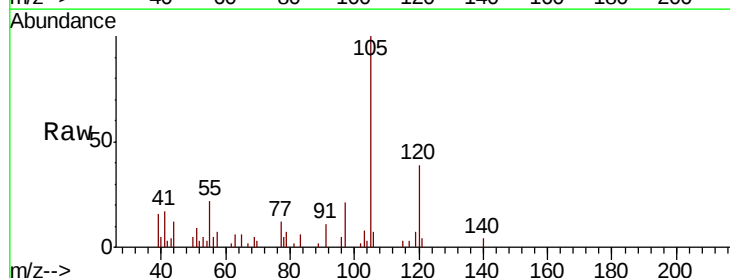
Acq: 1 Nov 2018 18:57

Tgt Ion:105 Resp: 20101

Ion Ratio Lower Upper

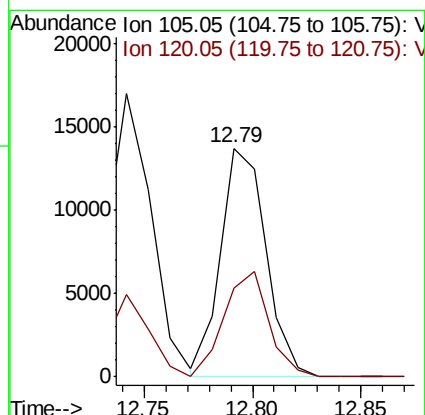
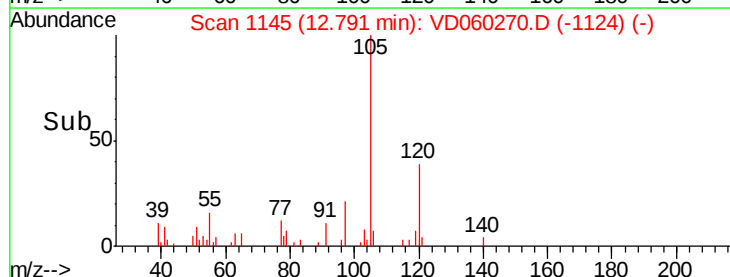
105 100

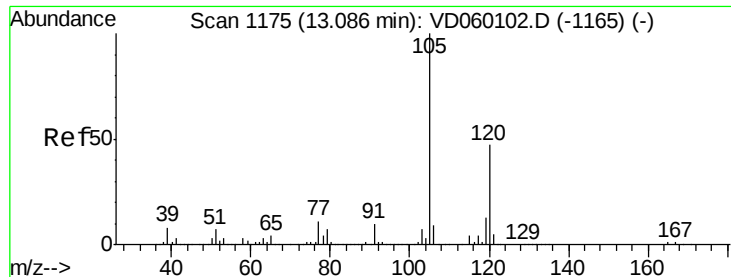
120 39.0 23.7 71.1



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: 6.096 ug/l

RT: 13.10 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VD060270.D

Acq: 1 Nov 2018 18:57

Instrument :

MSVOA_D

ClientSampleId :

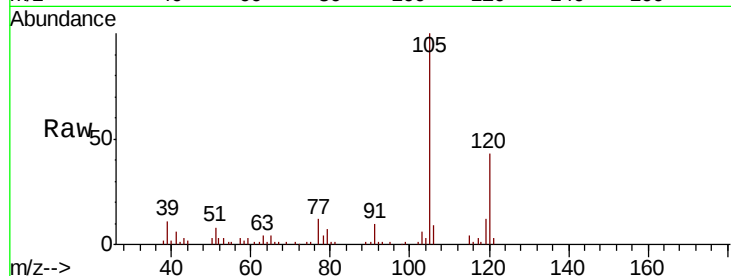
OR-03-103118-B

Tot Ion: 105 Resp: 81811

Ion Ratio Lower Upper

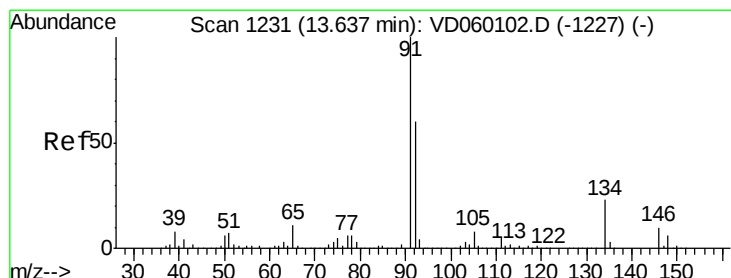
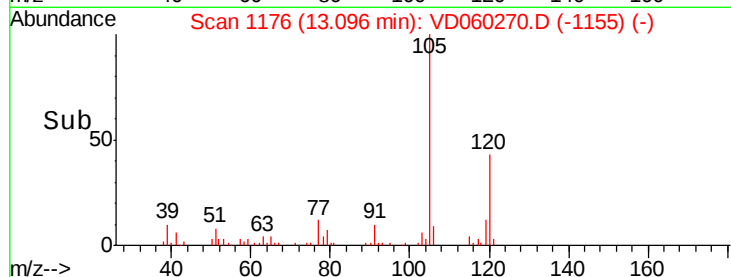
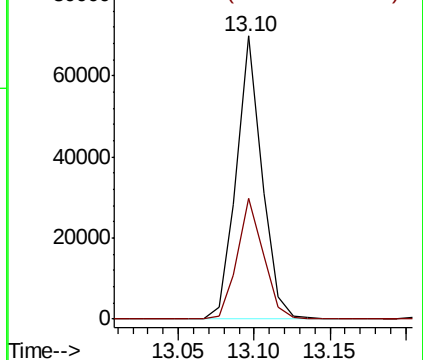
105 100

120 42.8 23.4 70.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#89

n-Butylbenzene

Concen: 1.688 ug/l

RT: 13.65 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD060270.D

Acq: 1 Nov 2018 18:57

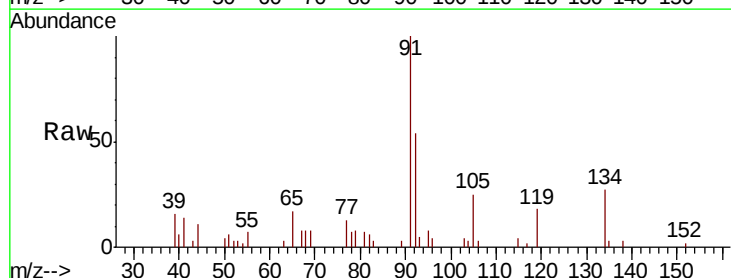
Tgt Ion: 91 Resp: 23344

Ion Ratio Lower Upper

91 100

92 54.2 30.1 90.3

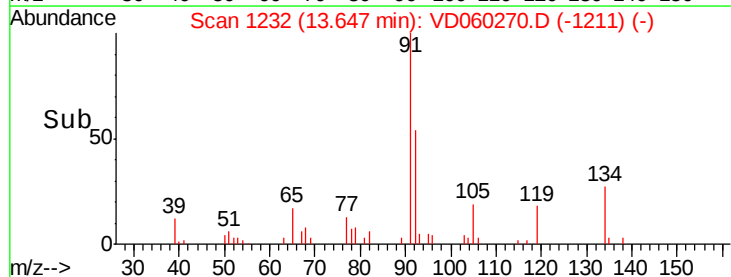
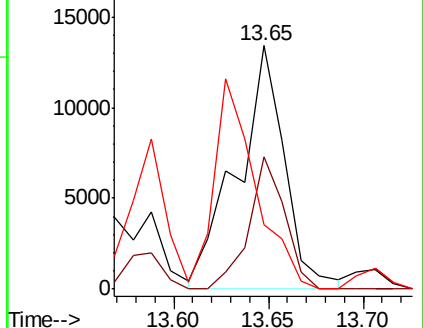
134 26.6 11.6 34.7

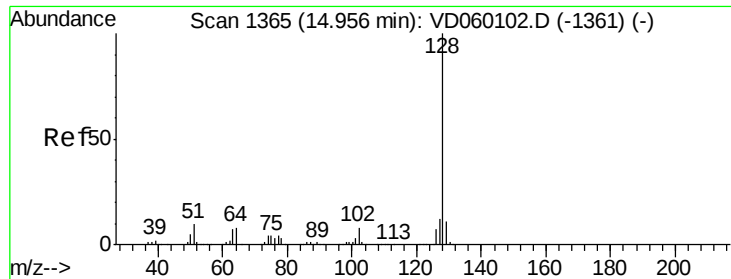


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V

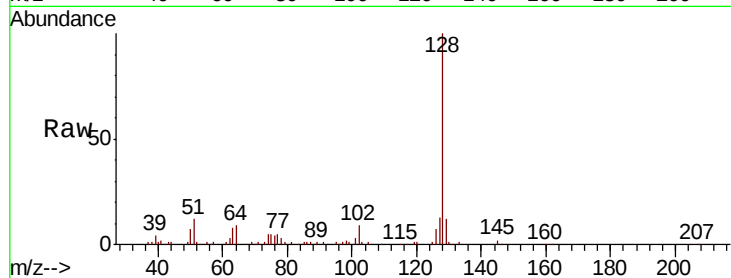




#95
 Naphthalene
 Concen: 23.397 ug/l
 RT: 14.97 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VD060270.D
 Acq: 1 Nov 2018 18:57

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.6	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

