

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060253.D
 Acq On : 31 Oct 2018 20:38
 Operator : VA/AP
 Sample : J5377-01
 Misc : 5.63q/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200036

Quant Time: Nov 01 00:50:45 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

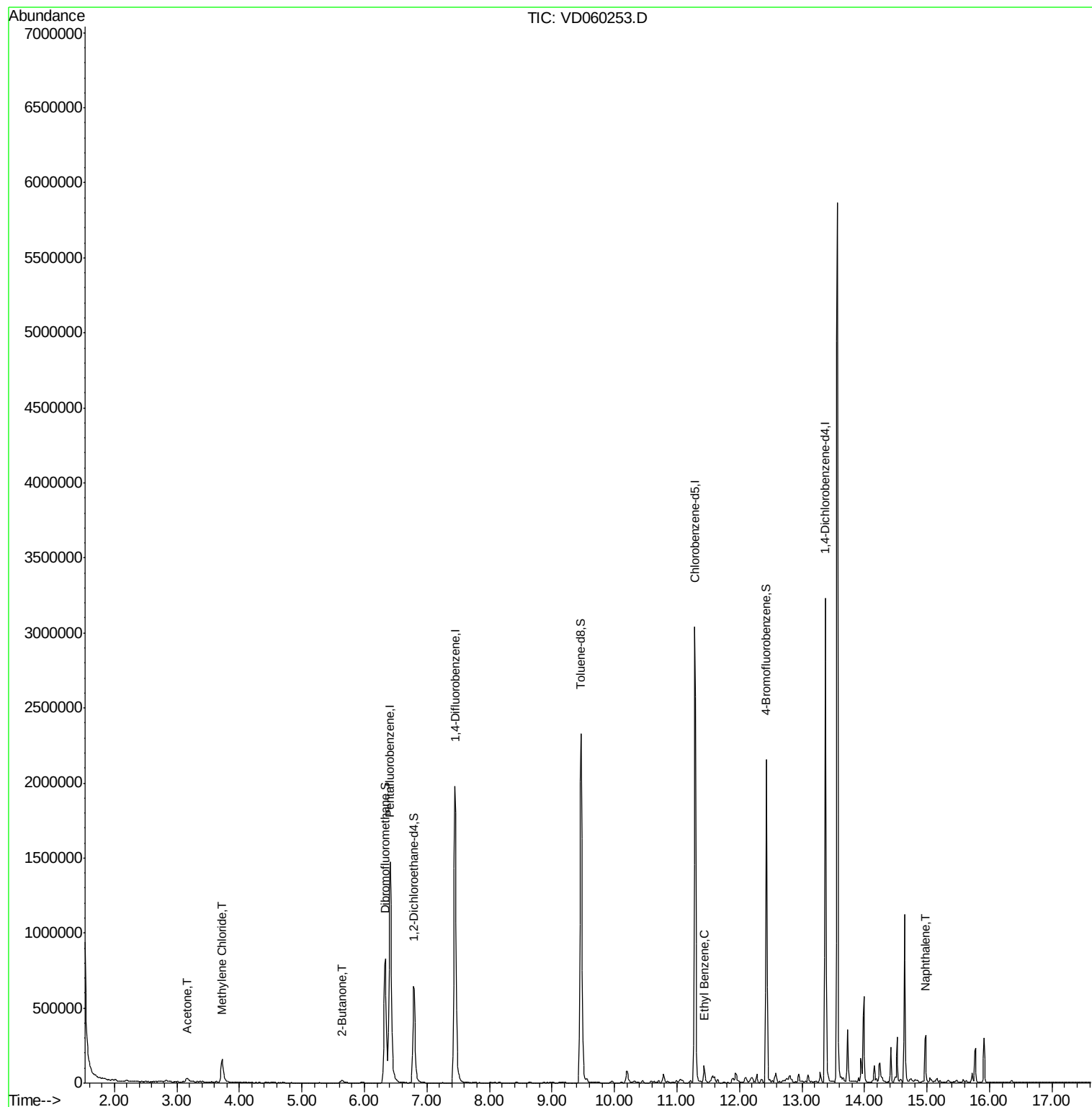
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1461465	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2120305	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1685808	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	814269	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	547068	49.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	6.34	113	667180	41.44	ug/l	0.04
Spiked Amount 50.000			Recovery	=	82.88%	
50) Toluene-d8	9.46	98	1862904	40.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.14%	
62) 4-Bromofluorobenzene	12.43	95	678064	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
Target Compounds						
					Qvalue	
16) Acetone	3.16	43	59521	29.610	ug/l	100
20) Methylene Chloride	3.73	84	98860	2.131	ug/l	98
25) 2-Butanone	5.63	43	19943	3.971	ug/l #	87
67) Ethyl Benzene	11.43	91	74468	1.260	ug/l	98
95) Naphthalene	14.98	128	205796	7.153	ug/l	98

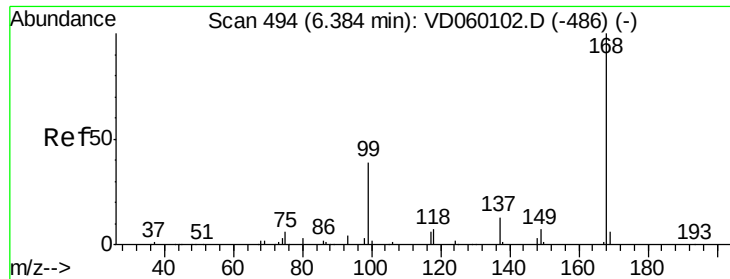
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060253.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 01 00:50:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
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# 497

Delta R.T. 0.03 min

Lab File: VD060253.D

Acq: 31 Oct 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

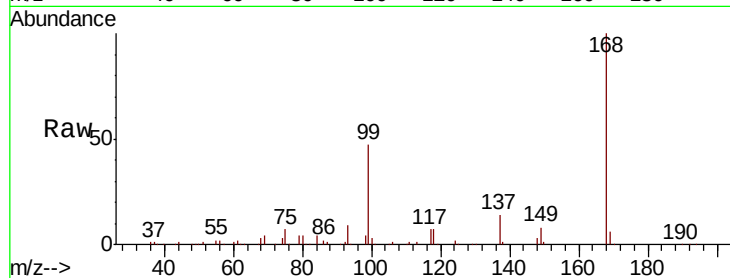
RBR-200036

Tot Ion:168 Resp: 1461465

Ion Ratio Lower Upper

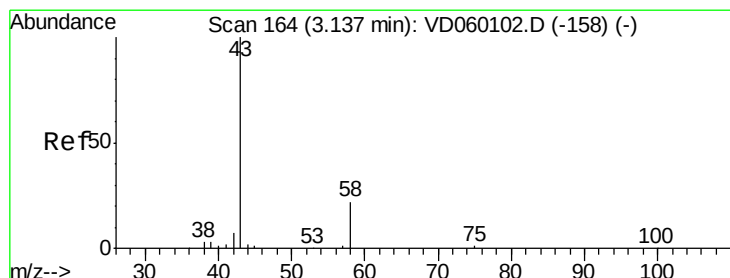
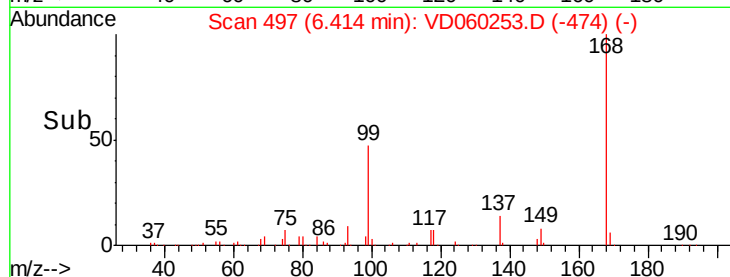
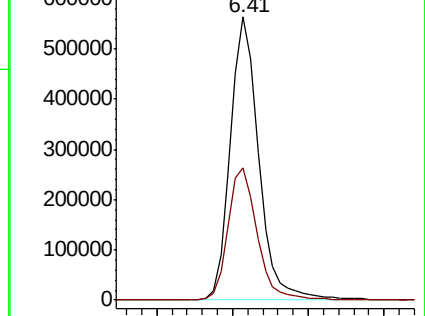
168 100

99 46.9 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: 29.610 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060253.D

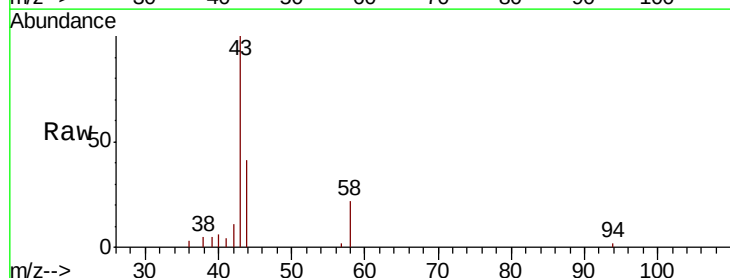
Acq: 31 Oct 2018 20:38

Tgt Ion: 43 Resp: 59521

Ion Ratio Lower Upper

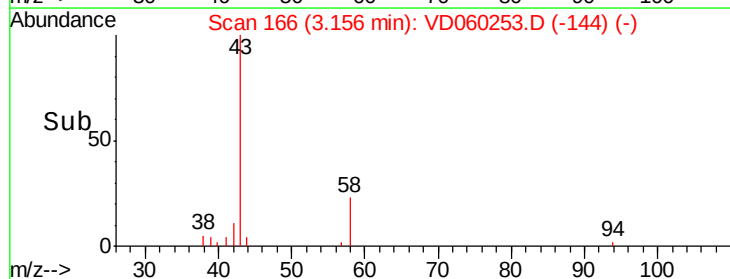
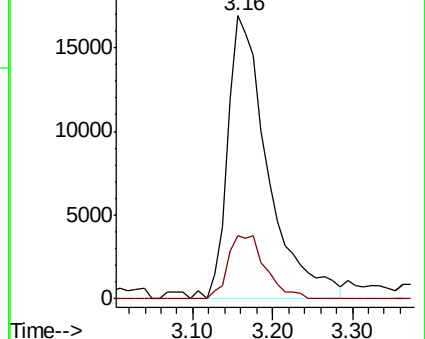
43 100

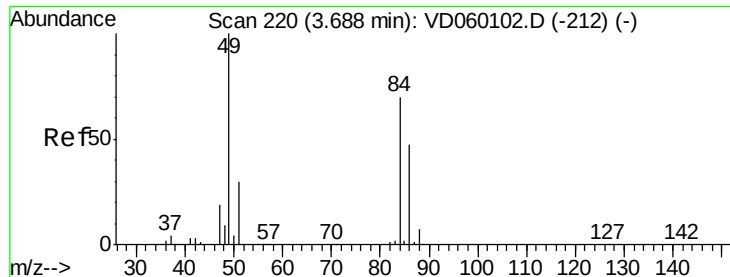
58 22.3 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

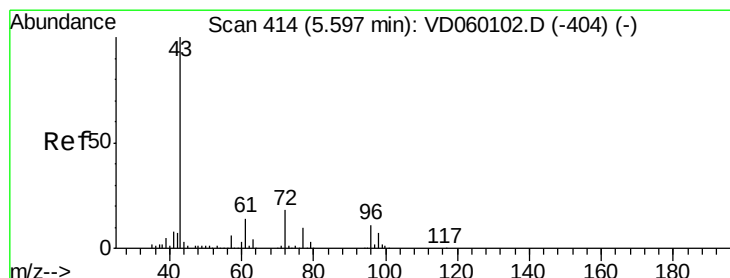
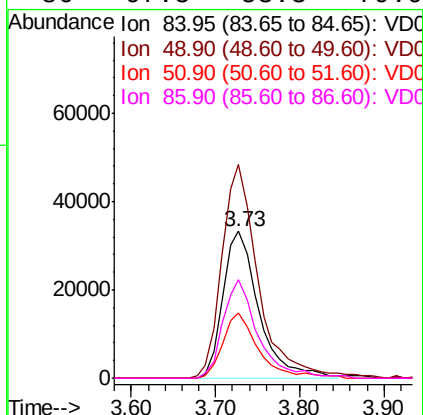
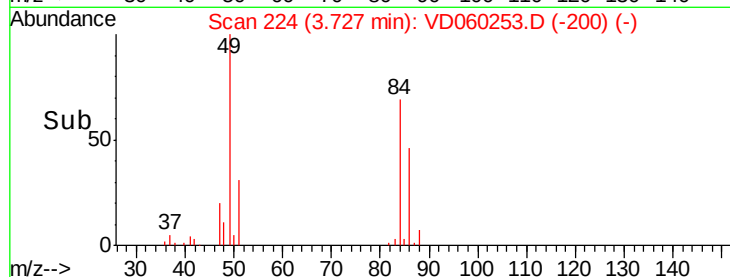
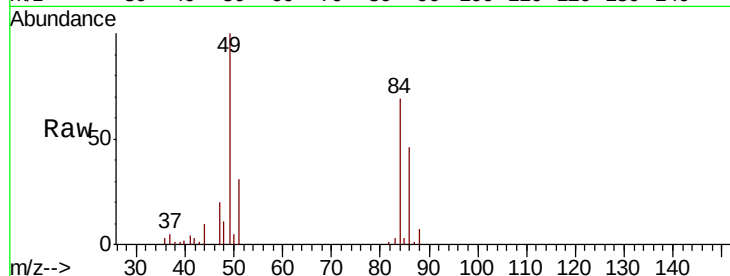




#20
Methvlene Chloride
Concen: 2.131 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060253.D
Acq: 31 Oct 2018 20:38

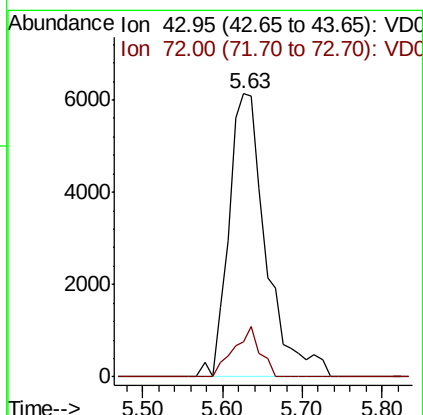
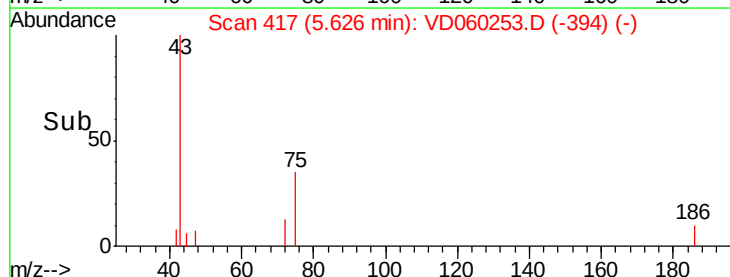
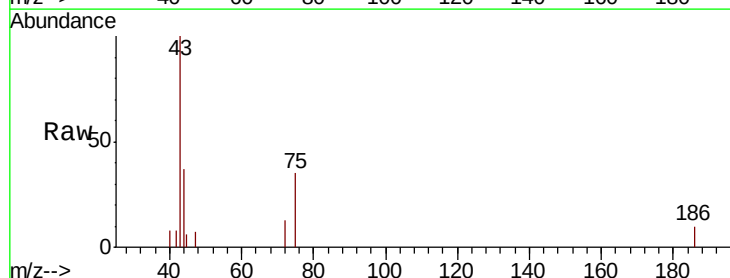
Instrument :
MSVOA_D
ClientSampleId :
RBR-200036

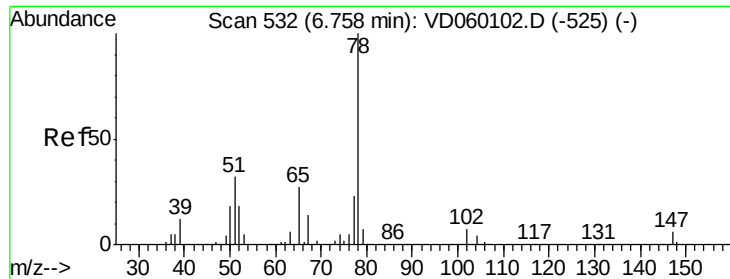
Tot Ion:	84	Resp:	98860
Ion	Ratio	Lower	Upper
84	100		
49	145.6	114.6	172.0
51	44.6	33.8	50.8
86	67.5	53.3	79.9



#25
2-Butanone
Concen: 3.971 ug/l
RT: 5.63 min Scan# 417
Delta R.T. 0.03 min
Lab File: VD060253.D
Acq: 31 Oct 2018 20:38

Tgt Ion:	43	Resp:	19943
Ion	Ratio	Lower	Upper
43	100		
72	12.5	14.5	21.7#

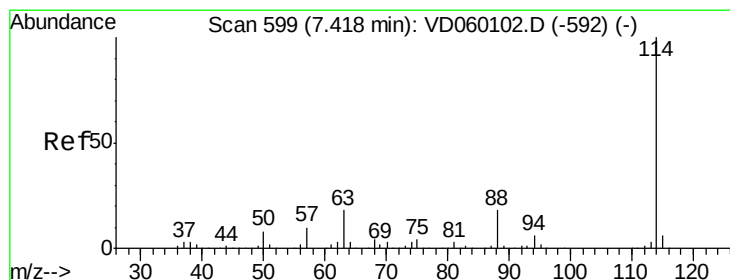
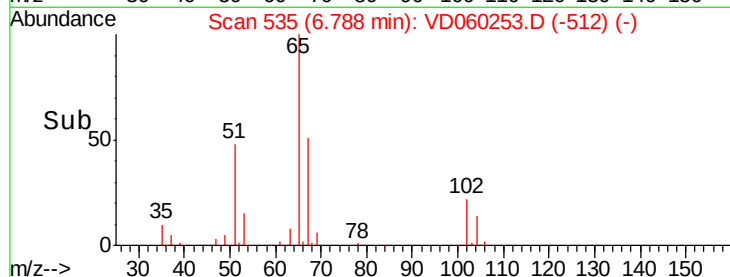
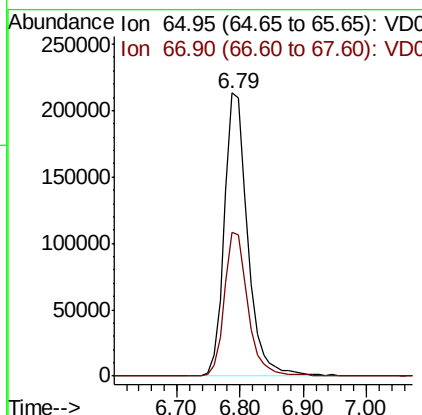
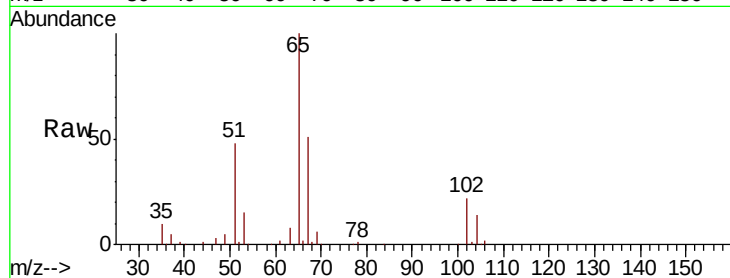




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060253.D
 Acq: 31 Oct 2018 20:38

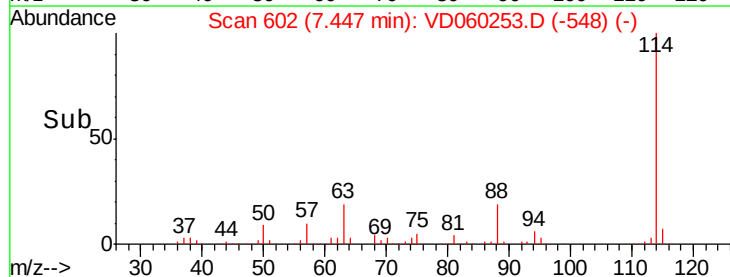
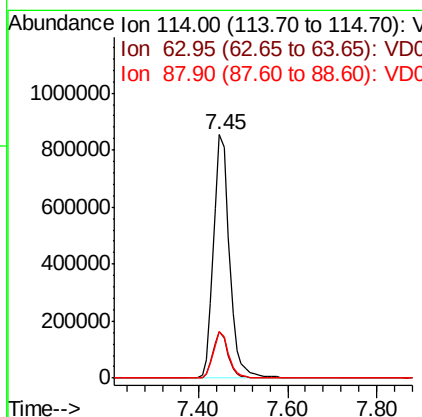
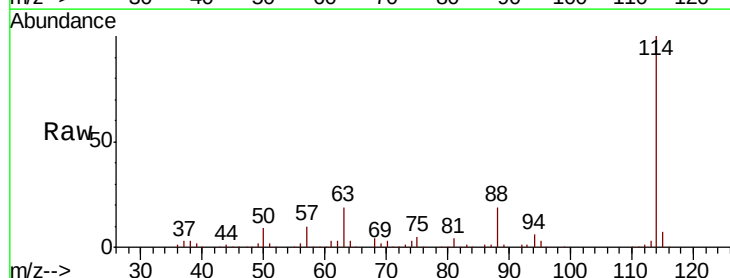
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200036

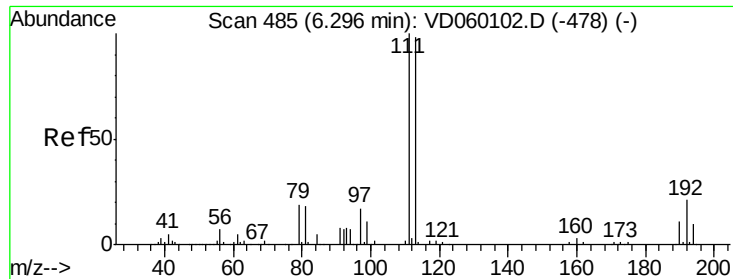
Tot Ion: 65 Resp: 547068
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060253.D
 Acq: 31 Oct 2018 20:38

Tgt Ion: 114 Resp: 2120305
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 18.9 0.0 36.2

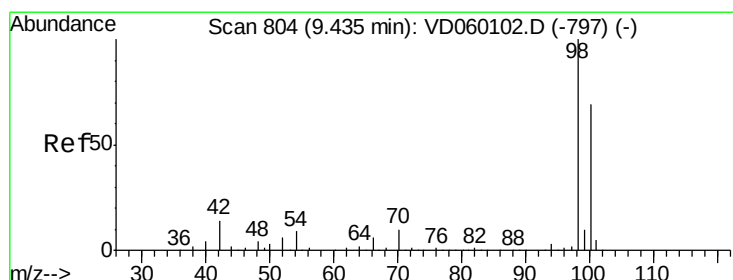
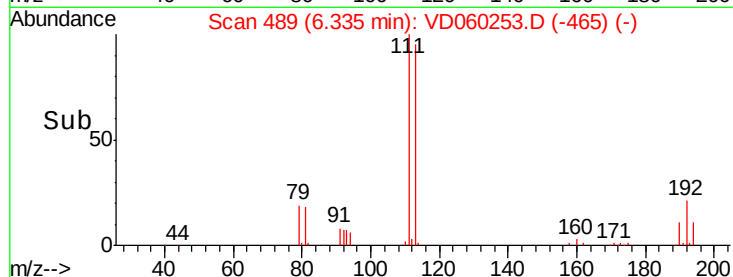
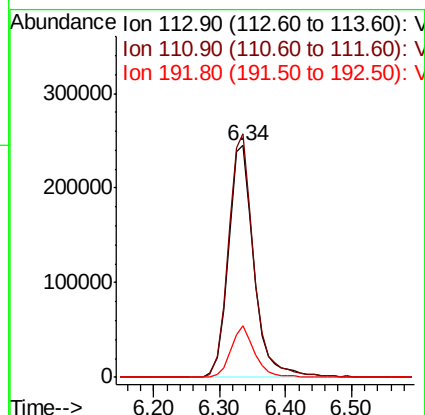
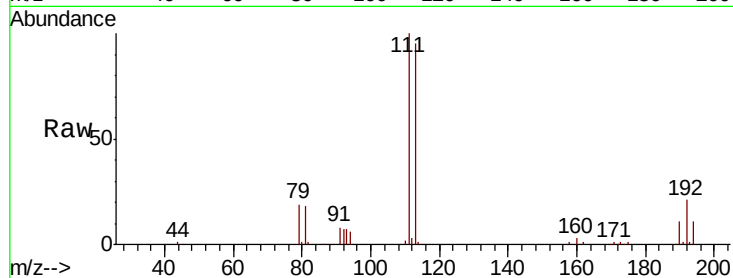




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060253.D
 Acq: 31 Oct 2018 20:38

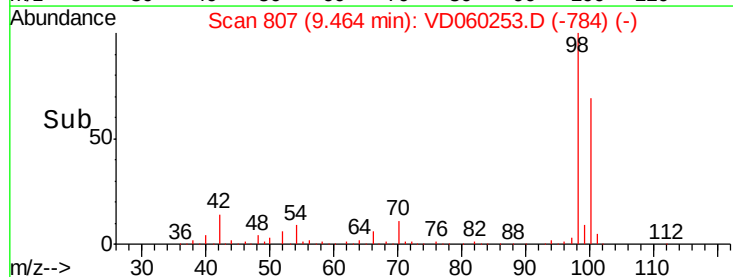
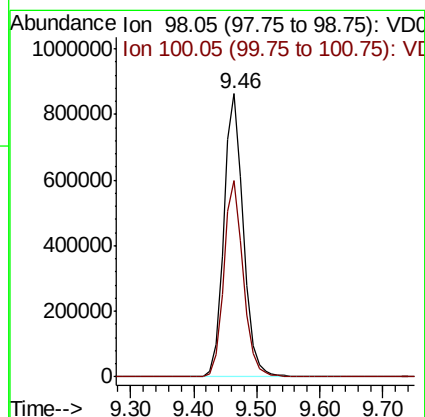
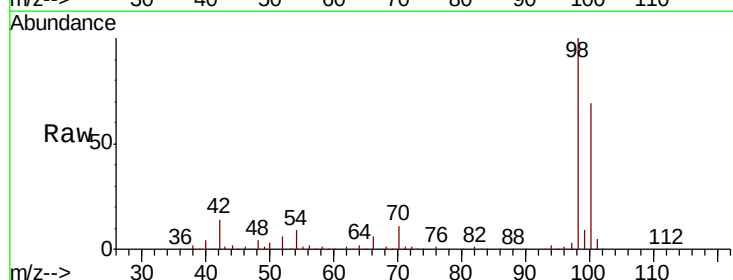
Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200036

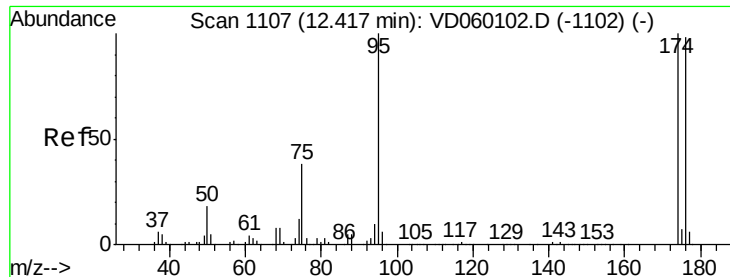
Tot Ion:113 Resp: 667180
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.5 122.3
 192 22.2 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 807
 Delta R.T. 0.03 min
 Lab File: VD060253.D
 Acq: 31 Oct 2018 20:38

Tgt Ion: 98 Resp: 1862904
 Ion Ratio Lower Upper
 98 100
 100 69.2 55.4 83.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060253.D

Acq: 31 Oct 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

RBR-200036

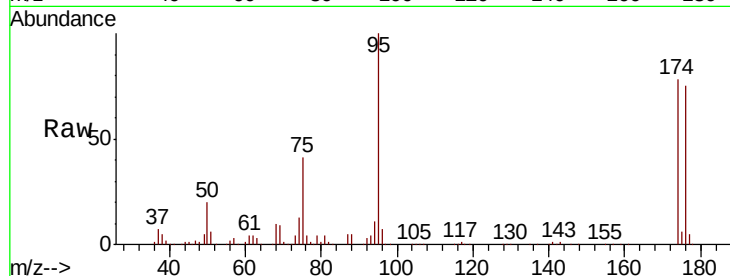
Tot Ion: 95 Resp: 678064

Ion Ratio Lower Upper

95 100

174 77.9 0.0 200.2

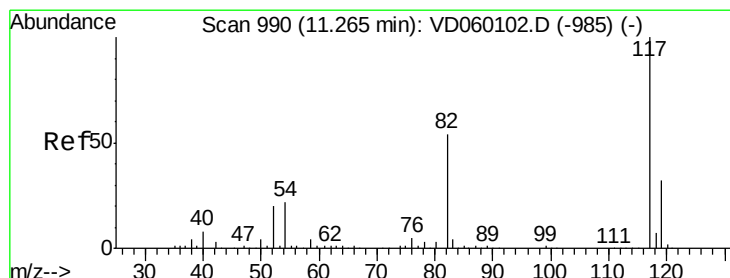
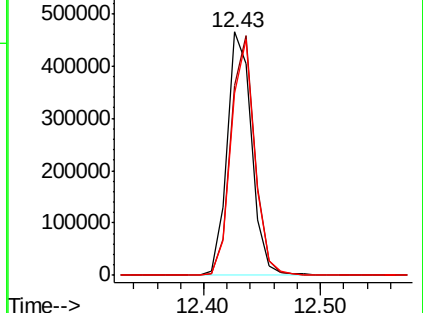
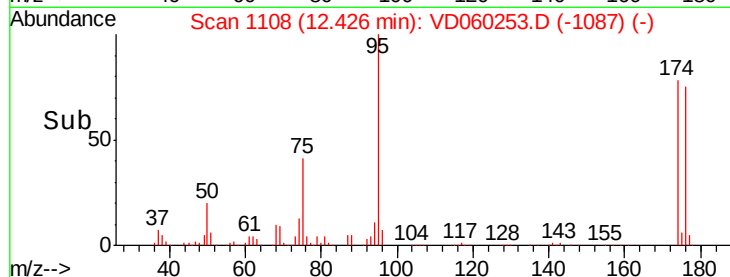
176 74.8 0.0 195.6



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: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060253.D

Acq: 31 Oct 2018 20:38

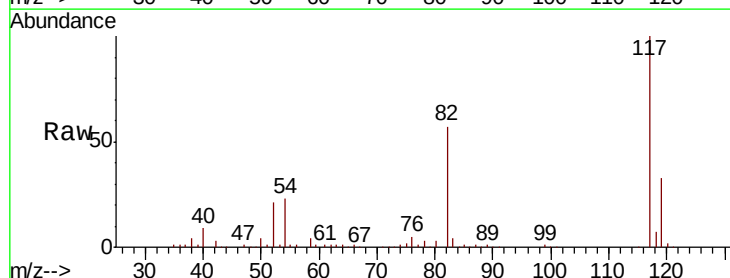
Tgt Ion: 117 Resp: 1685808

Ion Ratio Lower Upper

117 100

82 56.9 43.4 65.2

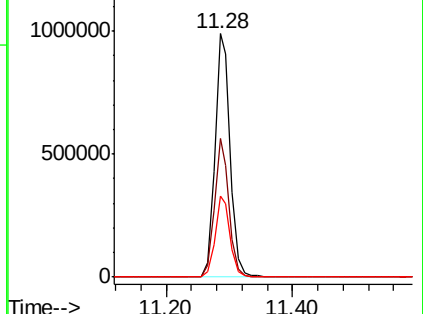
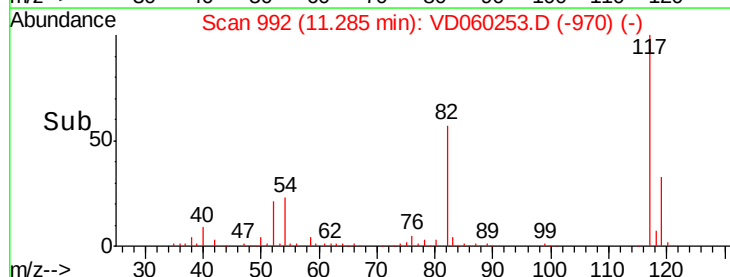
119 33.1 26.0 39.0

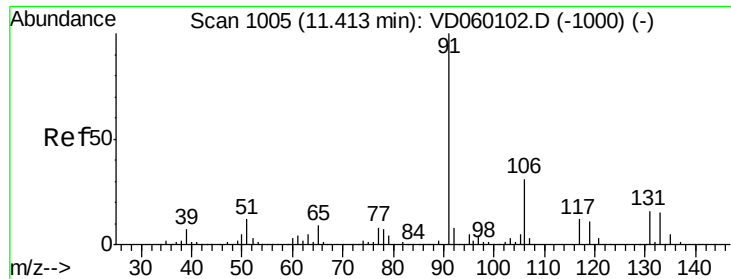


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

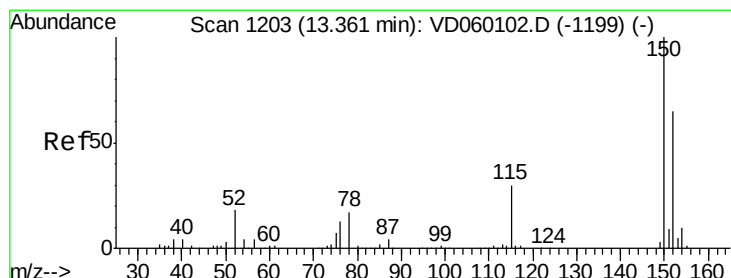
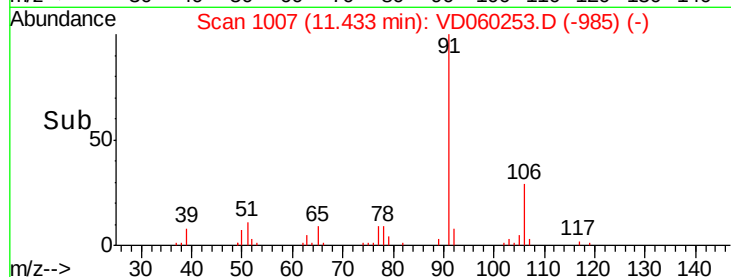
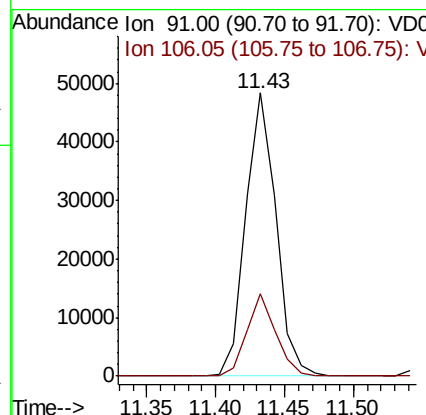
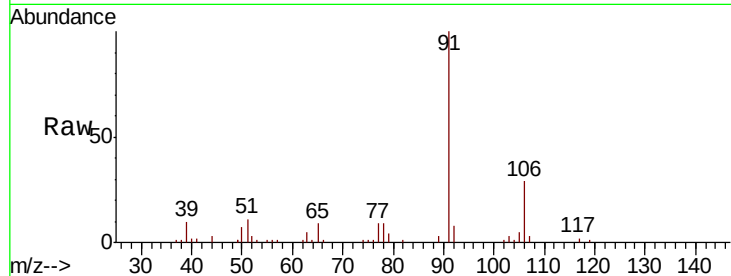




#67
Ethyl Benzene
Concen: 1.260 ug/l
RT: 11.43 min Scan# 1007
Delta R.T. 0.02 min
Lab File: VD060253.D
Acq: 31 Oct 2018 20:38

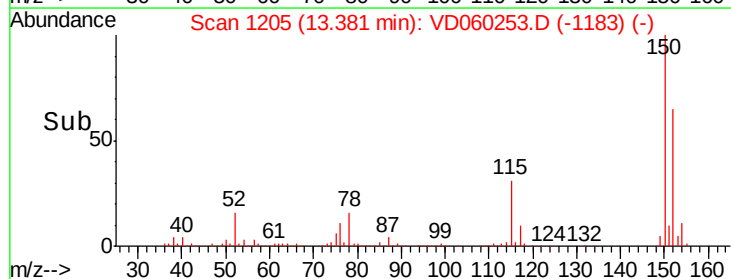
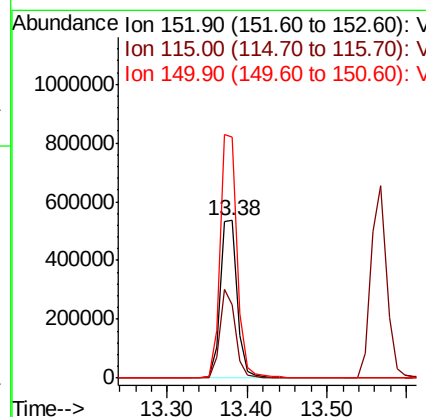
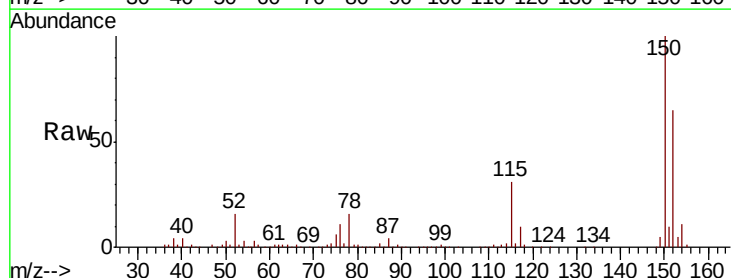
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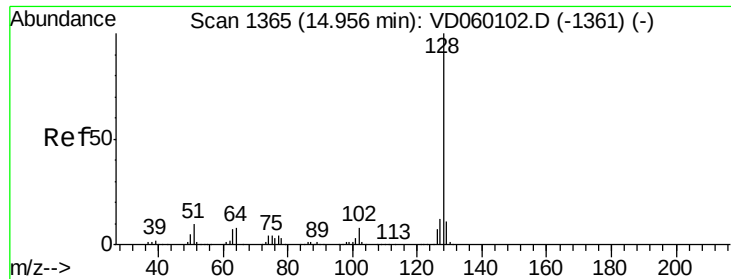
Tot Ion: 91 Resp: 74468
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060253.D
Acq: 31 Oct 2018 20:38

Tgt Ion: 152 Resp: 814269
Ion Ratio Lower Upper
152 100
115 46.8 27.1 81.2
150 153.2 0.0 311.8





#95

Naphthalene

Concen: 7.153 ug/l

RT: 14.98 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VD060253.D

Acq: 31 Oct 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

RBR-200036

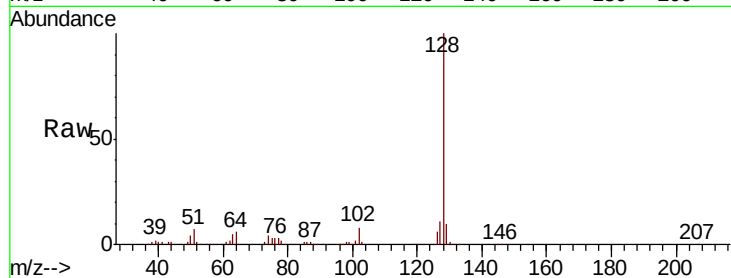
Tot Ion:128 Resp: 205796

Ion Ratio Lower Upper

128 100

127 11.4 9.9 14.9

129 10.4 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

