

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060404.D
 Acq On : 16 Nov 2018 18:03
 Operator : JC/SY
 Sample : J5964-01
 Misc : 6.65g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LR-RBR-200036

Quant Time: Nov 17 03:46:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

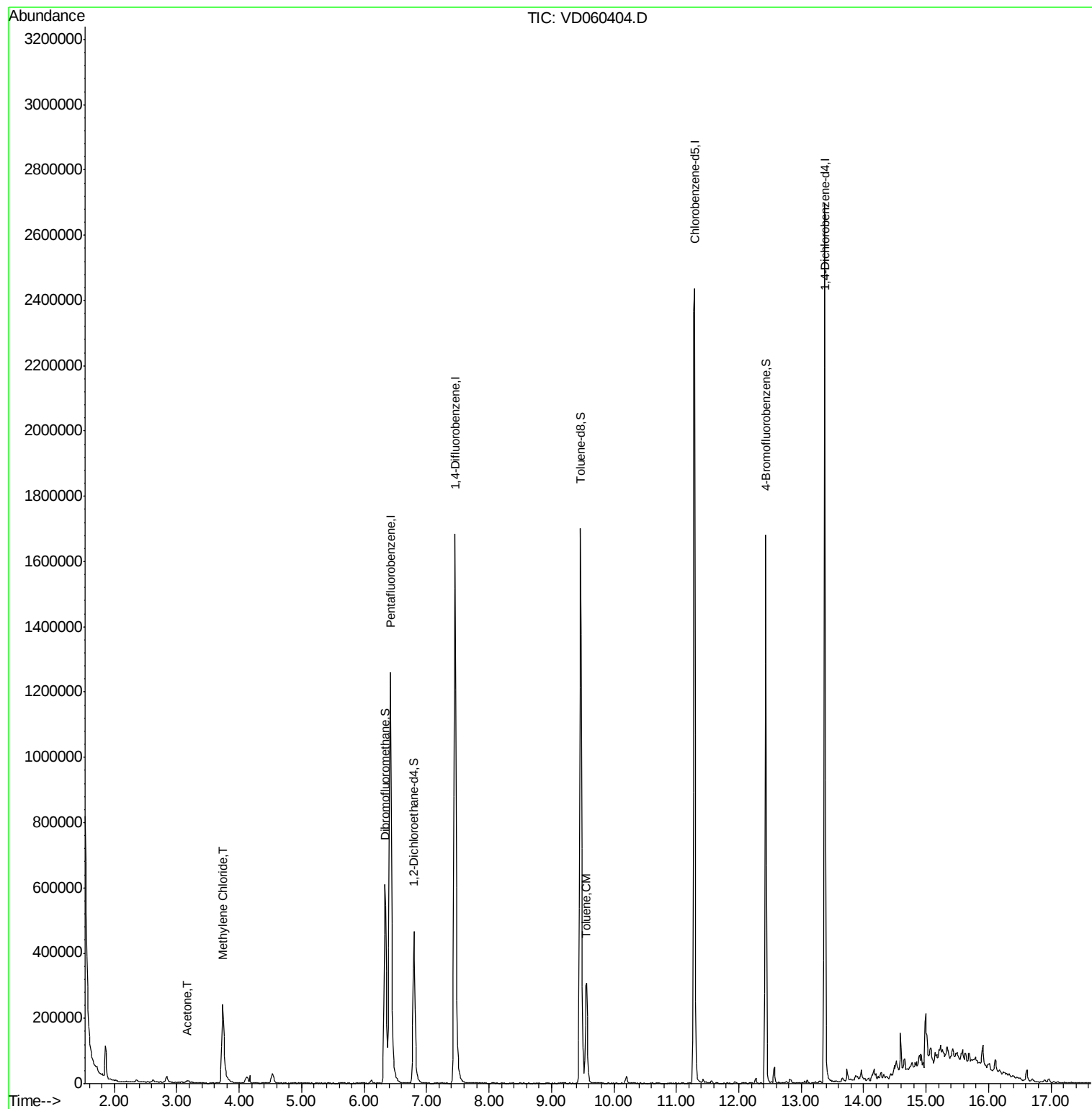
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1294801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1851161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1474983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	654927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	362526	39.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.20%	
35) Dibromofluoromethane	6.33	113	494830	35.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.70%	
50) Toluene-d8	9.46	98	1362771	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
62) 4-Bromofluorobenzene	12.44	95	512252	34.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.98%	
Target Compounds						
16) Acetone	3.18	43	13469	8.375	ug/l	93
20) Methylene Chloride	3.74	84	156354	10.960	ug/l	97
52) Toluene	9.56	92	168160	5.639	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060404.D

Acq: 16 Nov 2018 18:03

Instrument :

MSVOA_D

ClientSampleId :

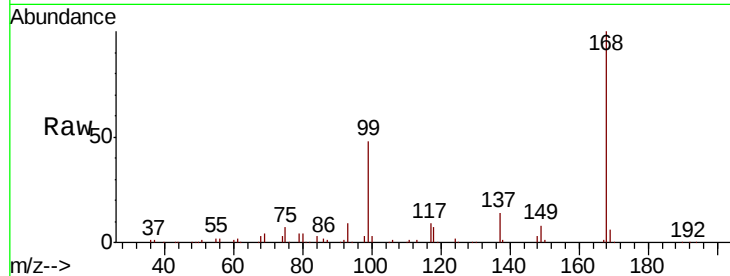
LR-RBR-200036

Tot Ion:168 Resp: 1294801

Ion Ratio Lower Upper

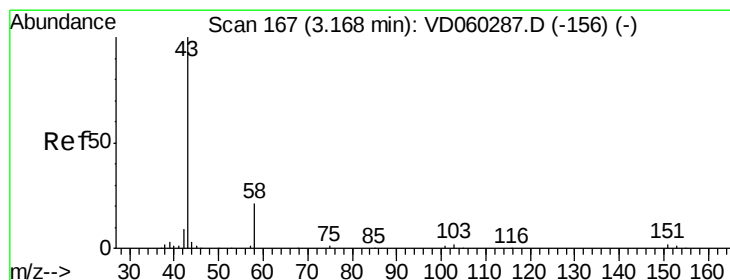
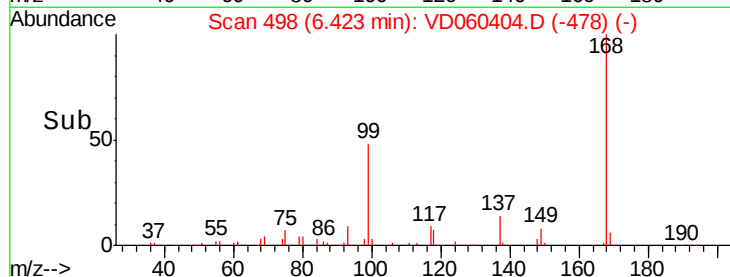
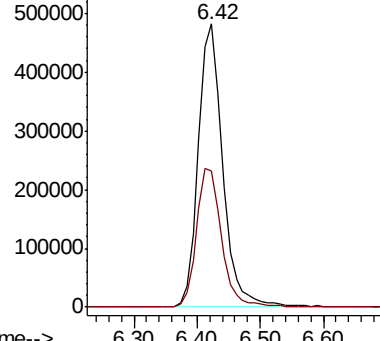
168 100

99 48.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.375 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060404.D

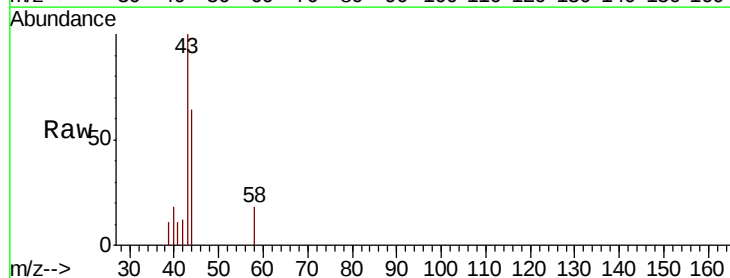
Acq: 16 Nov 2018 18:03

Tgt Ion: 43 Resp: 13469

Ion Ratio Lower Upper

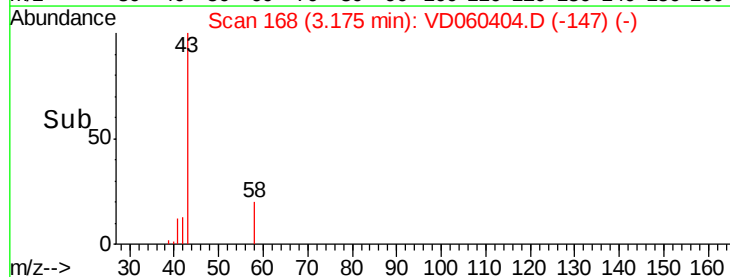
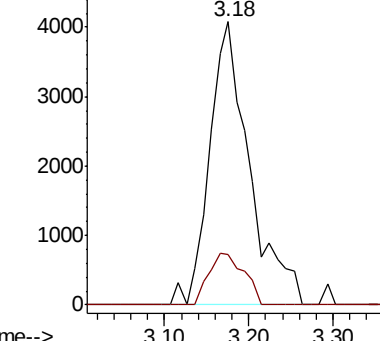
43 100

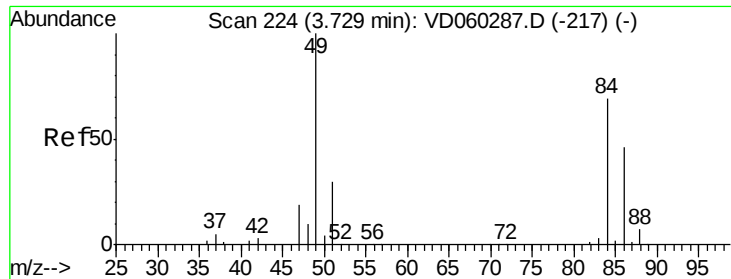
58 18.0 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

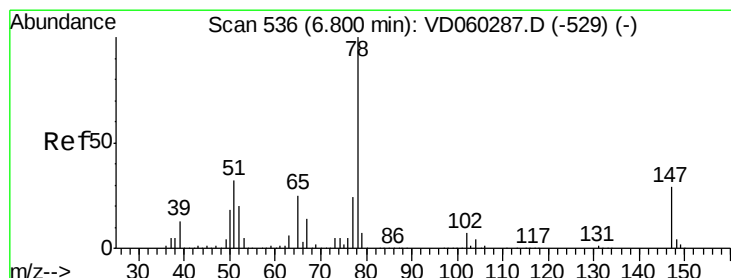
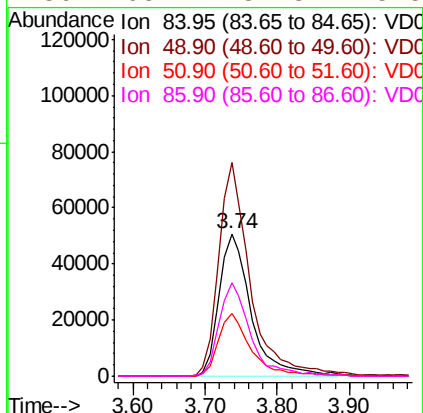
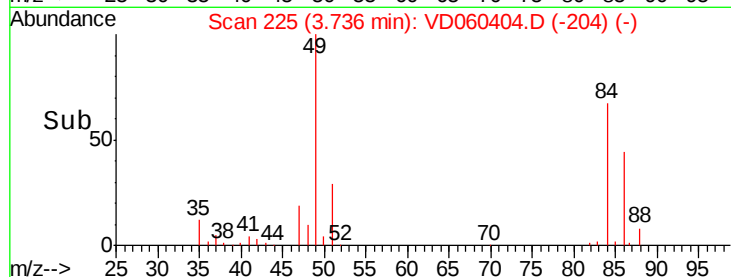
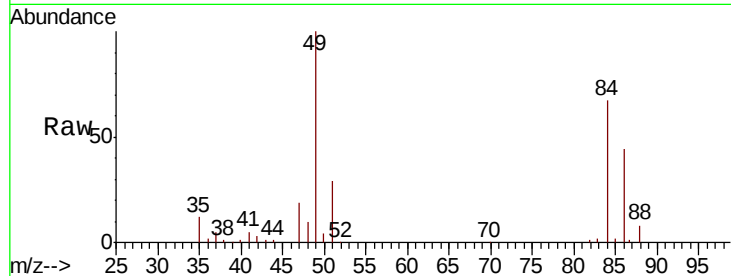




#20
Methvlene Chloride
Concen: 10.960 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060404.D
Acq: 16 Nov 2018 18:03

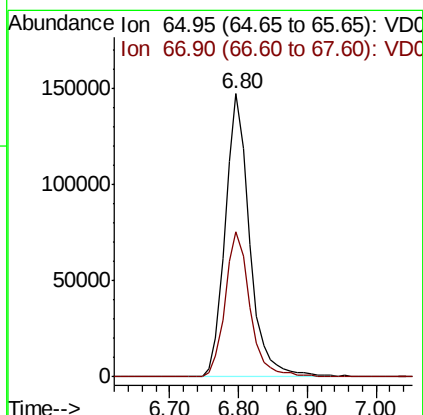
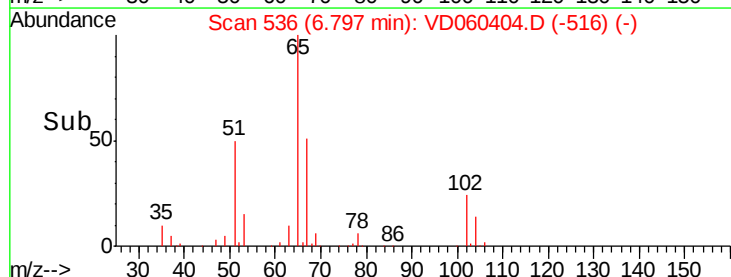
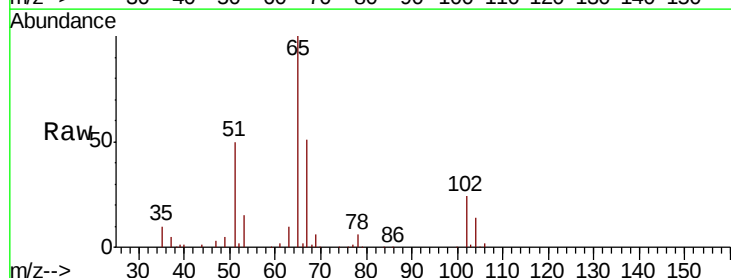
Instrument :
MSVOA_D
ClientSampleId :
LR-RBR-200036

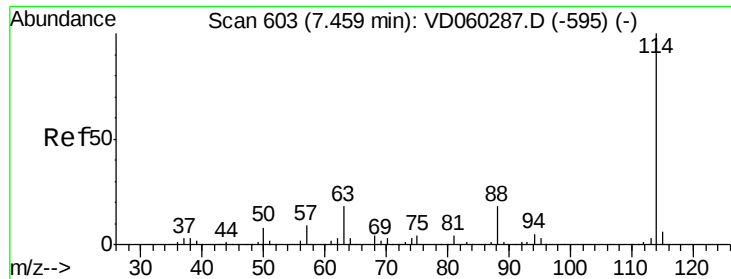
Tot Ion: 84 Resp: 156354
Ion Ratio Lower Upper
84 100
49 149.8 115.6 173.4
51 44.1 35.6 53.4
86 65.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060404.D
Acq: 16 Nov 2018 18:03

Tgt Ion: 65 Resp: 362526
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.8

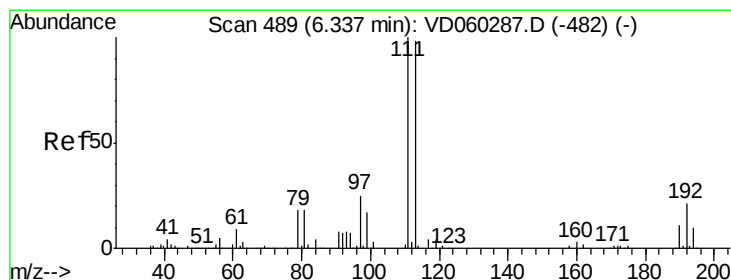
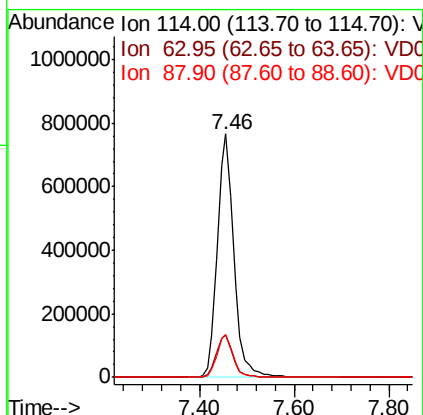
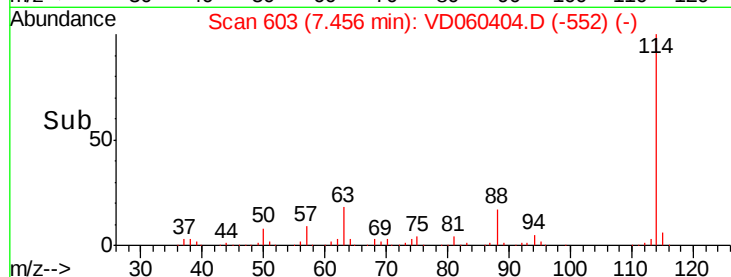
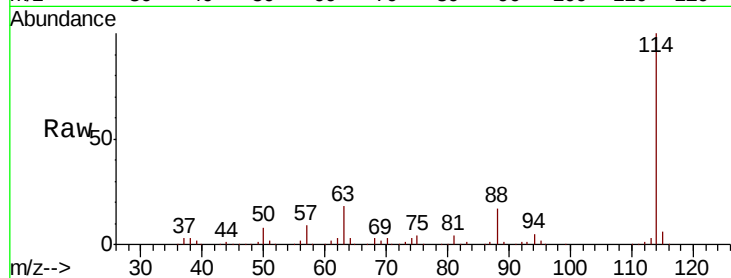




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VD060404.D
 Acq: 16 Nov 2018 18:03

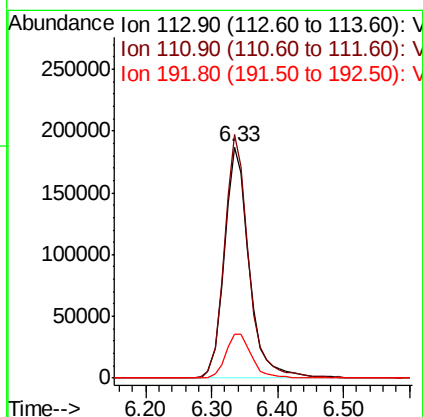
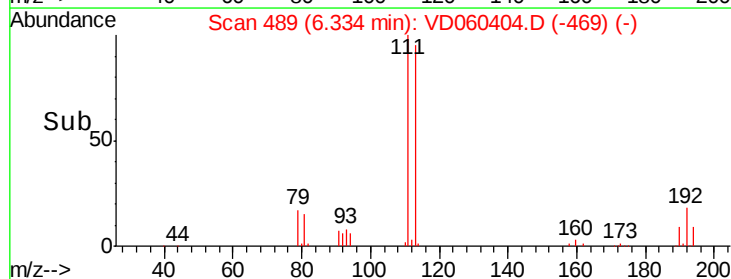
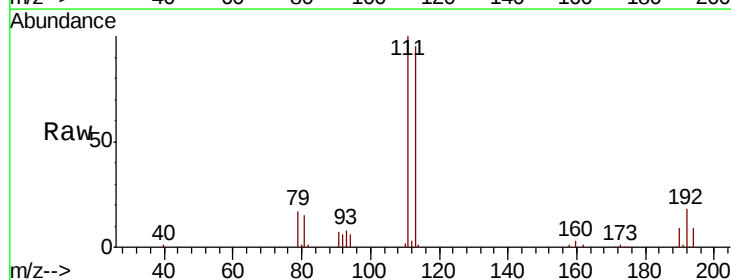
Instrument :
 MSVOA_D
 ClientSampleId :
 LR-RBR-200036

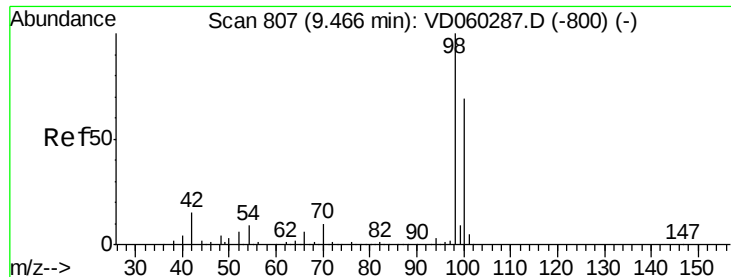
Tot Ion:114 Resp: 1851161
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 17.4 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060404.D
 Acq: 16 Nov 2018 18:03

Tgt Ion:113 Resp: 494830
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.6 122.4
 192 19.2 16.5 24.7

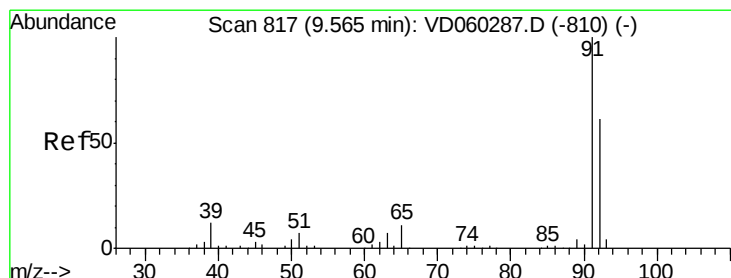
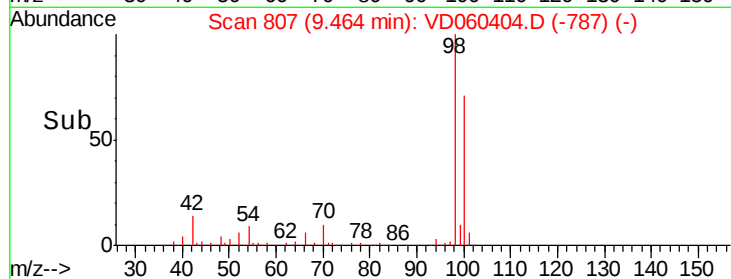
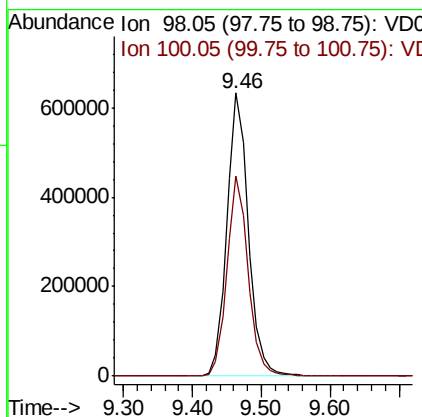
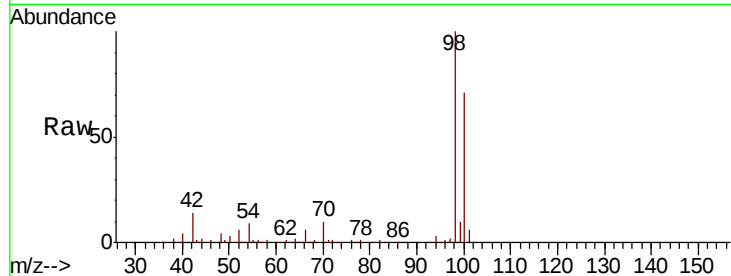




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060404.D
Acq: 16 Nov 2018 18:03

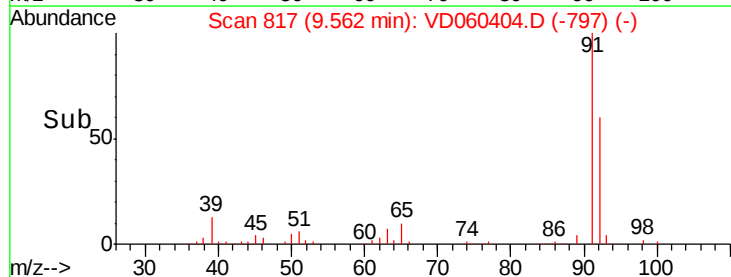
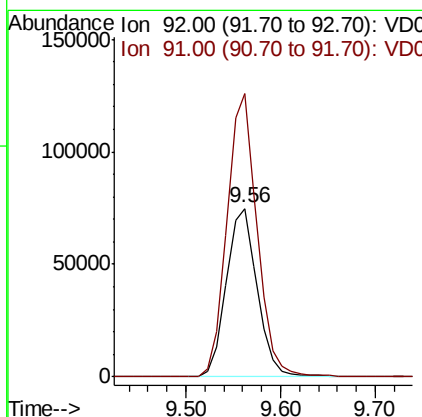
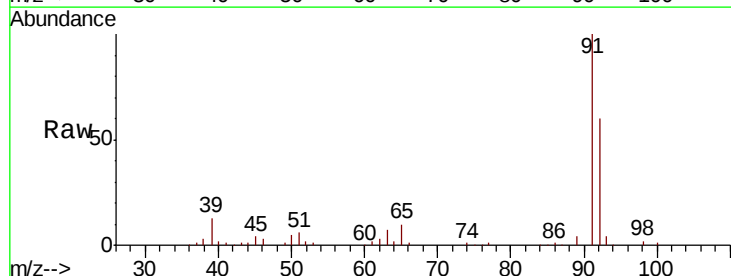
Instrument :
MSVOA_D
ClientSampleId :
LR-RBR-200036

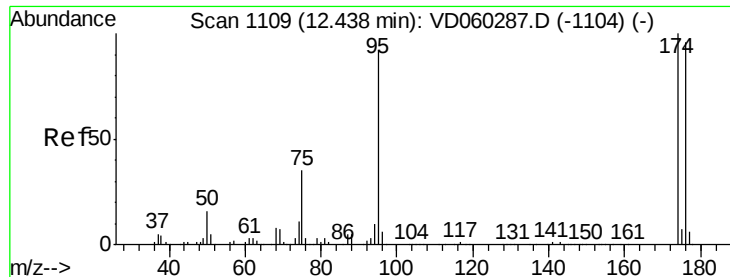
Tot Ion: 98 Resp: 1362771
Ion Ratio Lower Upper
98 100
100 70.6 55.2 82.8



#52
Toluene
Concen: 5.639 ug/l
RT: 9.56 min Scan# 817
Delta R.T. -0.00 min
Lab File: VD060404.D
Acq: 16 Nov 2018 18:03

Tgt Ion: 92 Resp: 168160
Ion Ratio Lower Upper
92 100
91 167.8 131.9 197.9

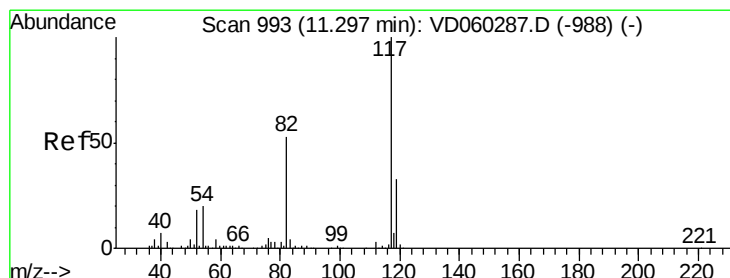
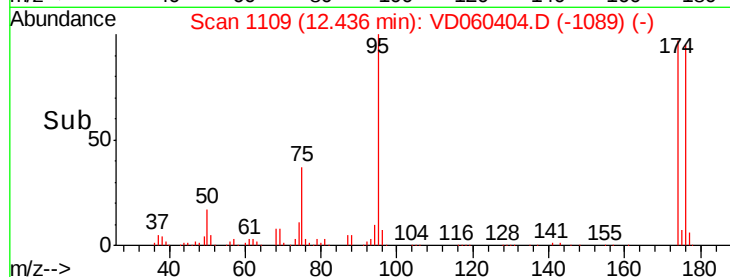
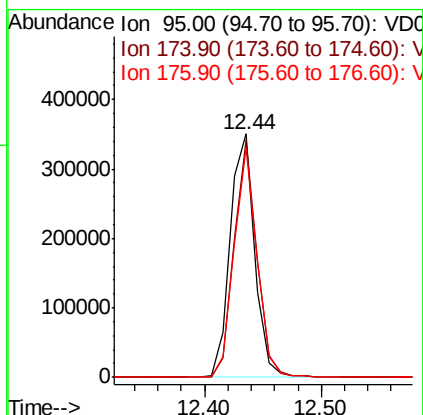
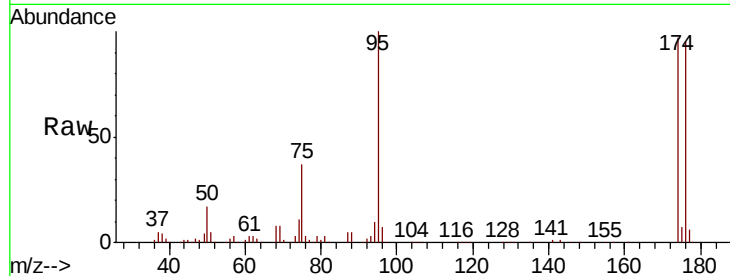




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060404.D
Acq: 16 Nov 2018 18:03

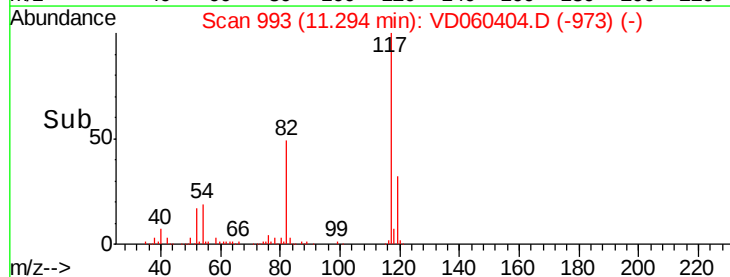
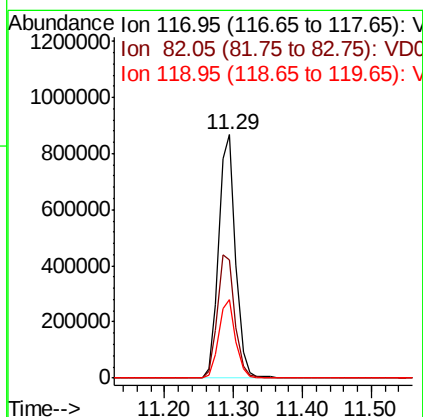
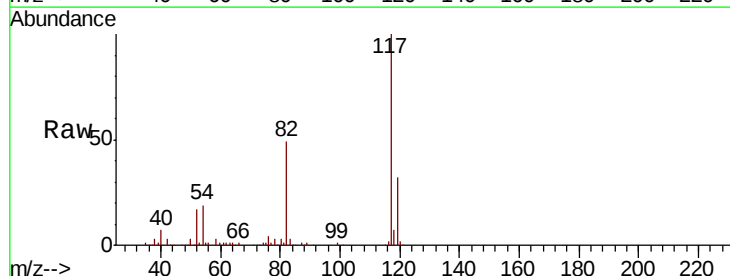
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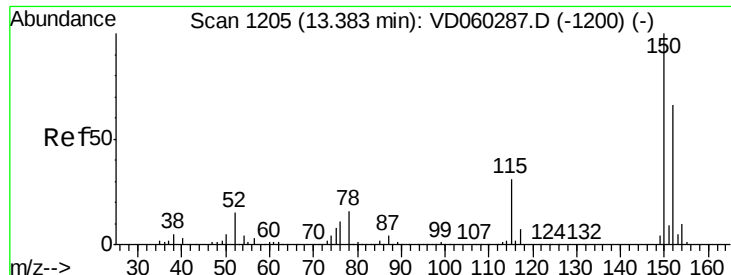
Tot Ion: 95 Resp: 512252
Ion Ratio Lower Upper
95 100
174 97.3 0.0 160.8
176 94.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060404.D
Acq: 16 Nov 2018 18:03

Tgt Ion: 117 Resp: 1474983
Ion Ratio Lower Upper
117 100
82 48.7 43.7 65.5
119 32.3 26.1 39.1

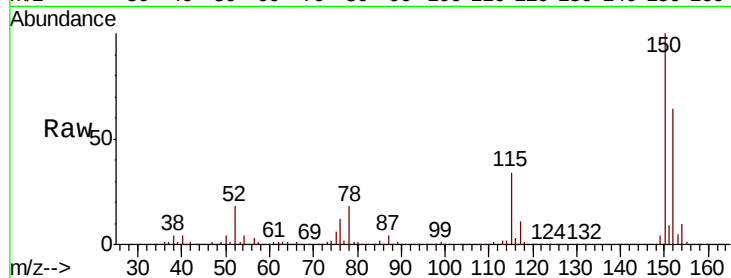




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD060404.D
 Acq: 16 Nov 2018 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 LR-RBR-200036

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	24.1	72.3
150	157.1	0.0	310.6



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

