

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060317.D
 Acq On : 9 Nov 2018 17:34
 Operator : VA/AP
 Sample : J5863-01
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3263

Quant Time: Nov 12 03:19:45 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

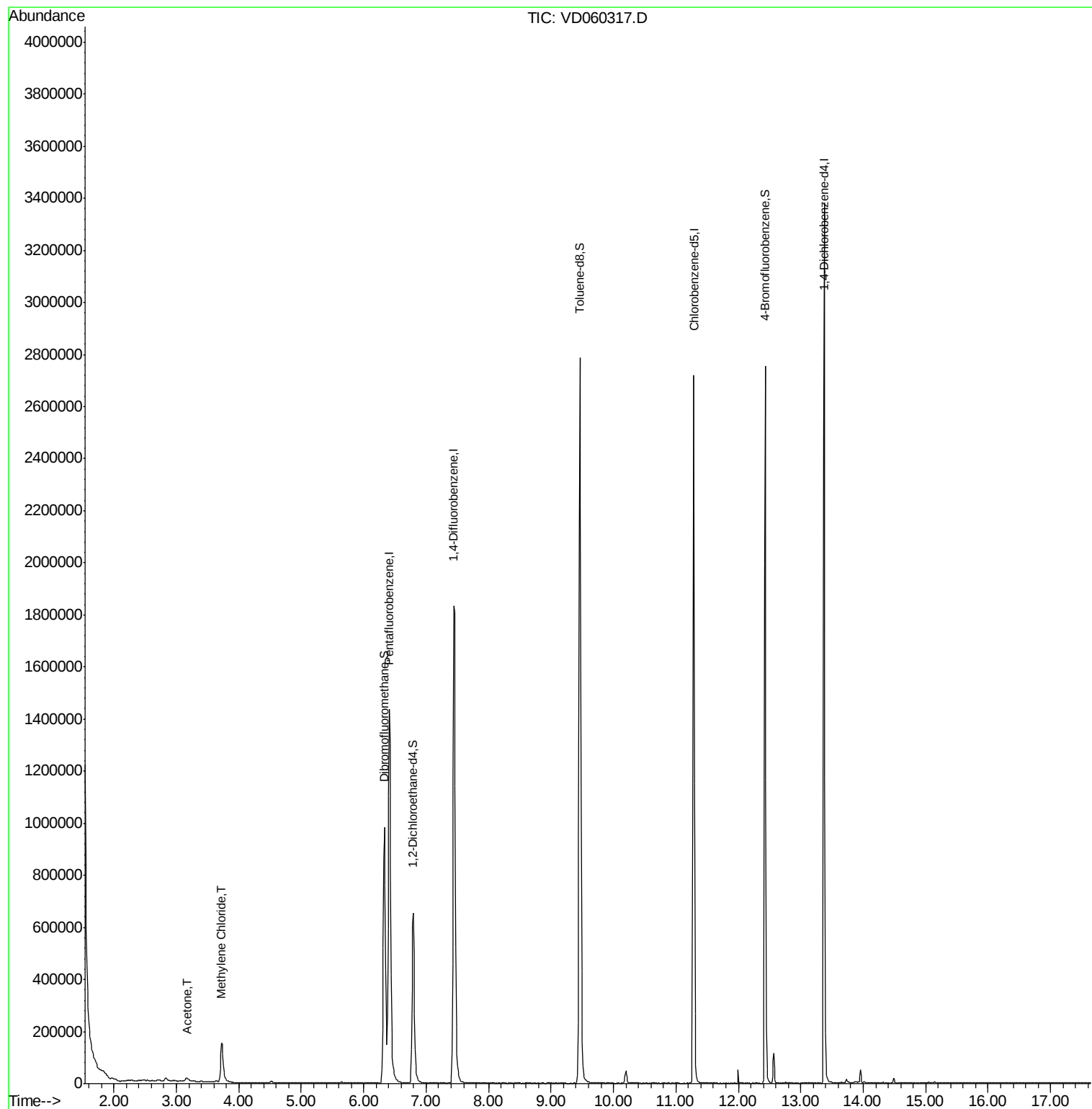
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1408064	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	1966850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1571496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	810980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	571991	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	6.33	113	779825	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	9.46	98	2209780	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.43	95	764200	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
Target Compounds						
16) Acetone	3.16	43	27859	15.930	ug/l	93
20) Methylene Chloride	3.73	84	103175	6.651	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060317.D

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MSVOA_D

ClientSampleId :

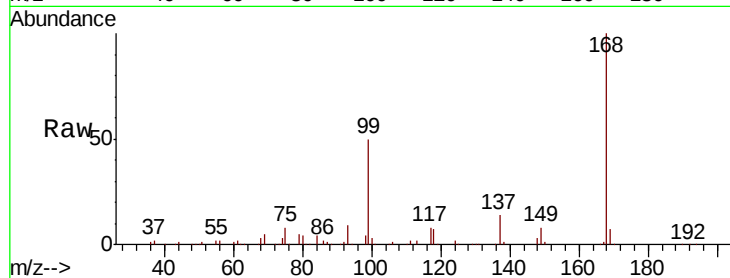
RT-3263

Tot Ion:168 Resp: 1408064

Ion Ratio Lower Upper

168 100

99 49.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

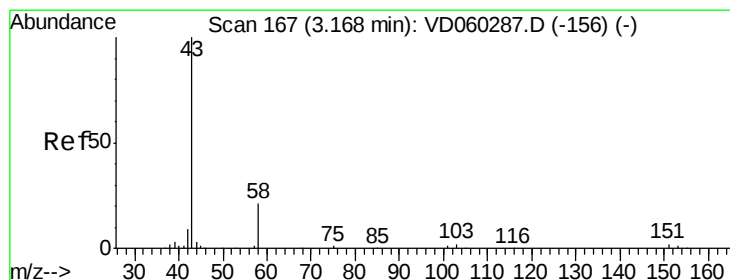
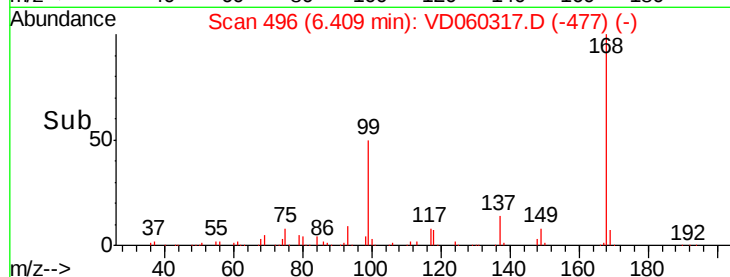
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.930 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060317.D

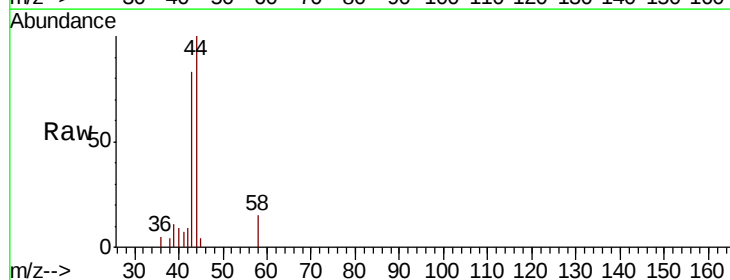
Acq: 9 Nov 2018 17:34

Tgt Ion: 43 Resp: 27859

Ion Ratio Lower Upper

43 100

58 17.9 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

8000

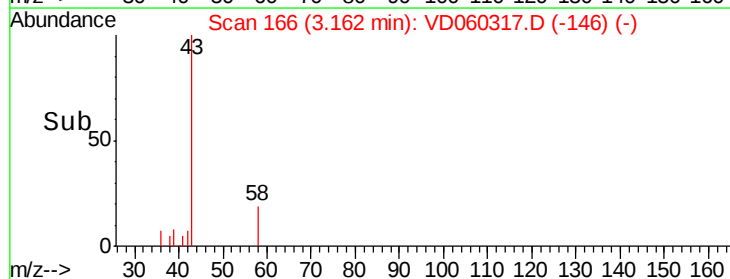
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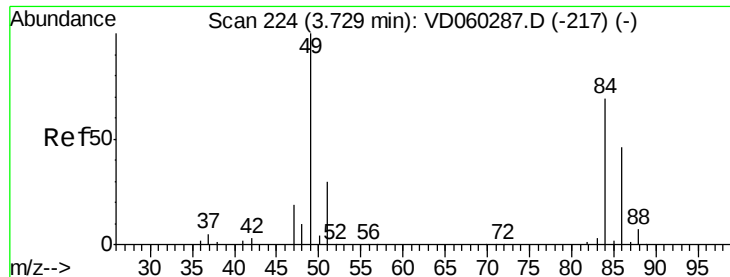
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2000

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Time-->

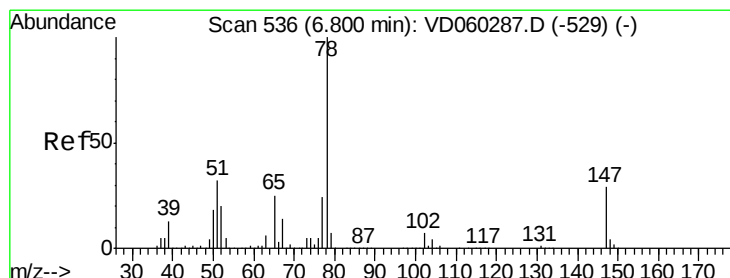
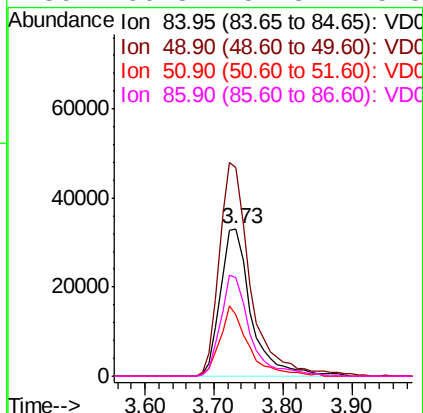
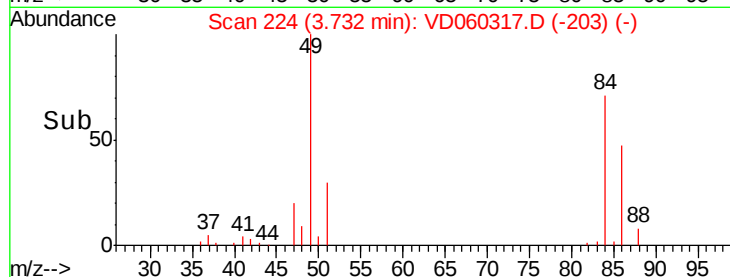
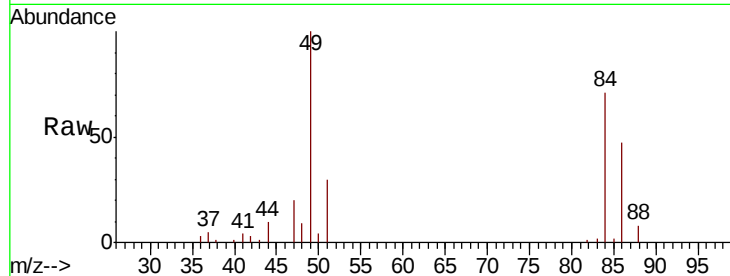




#20
Methvlene Chloride
Concen: 6.651 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060317.D
Acq: 9 Nov 2018 17:34

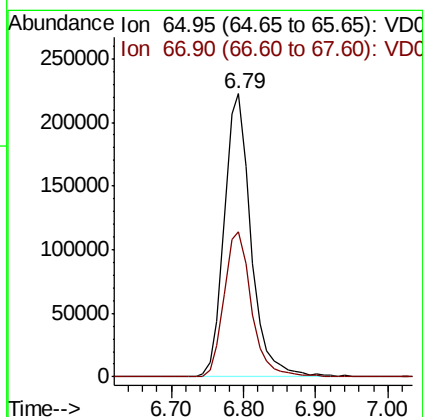
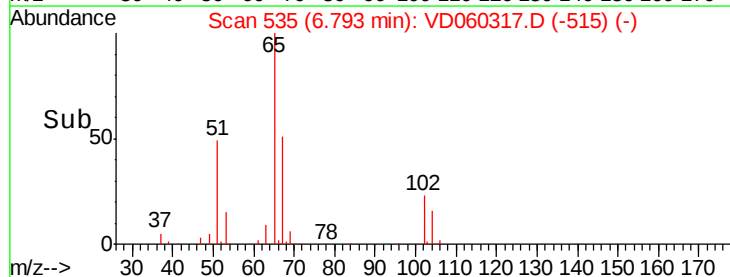
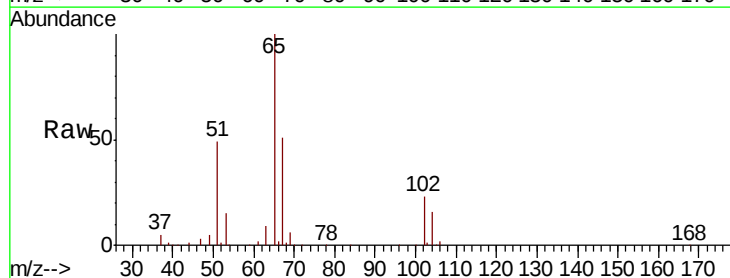
Instrument :
MSVOA_D
ClientSampleId :
RT-3263

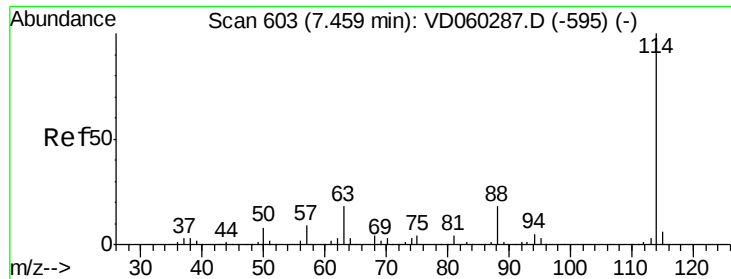
Tot Ion: 84 Resp: 103175
Ion Ratio Lower Upper
84 100
49 141.8 115.6 173.4
51 41.9 35.6 53.4
86 66.8 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060317.D
Acq: 9 Nov 2018 17:34

Tgt Ion: 65 Resp: 571991
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.8

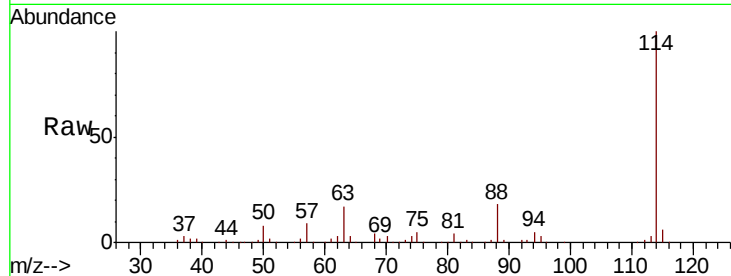




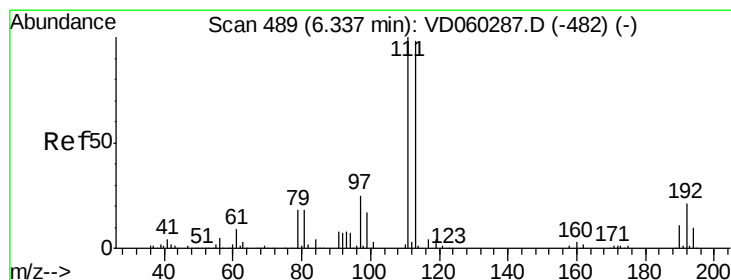
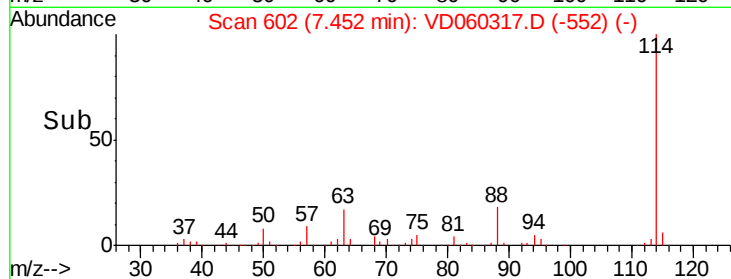
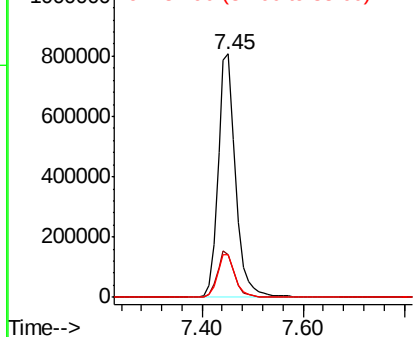
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060317.D
 Acq: 9 Nov 2018 17:34

Instrument :
 MSVOA_D
 ClientSampleID :
 RT-3263

Tot Ion:114 Resp: 1966850
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 17.8 0.0 35.4

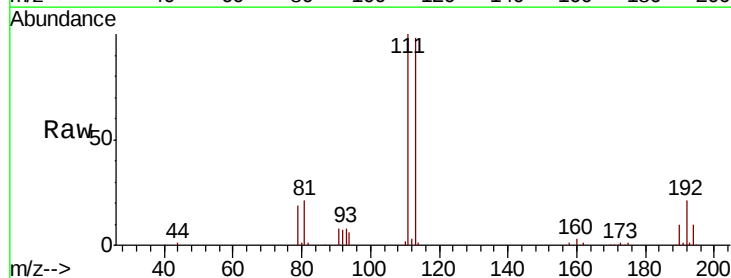


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

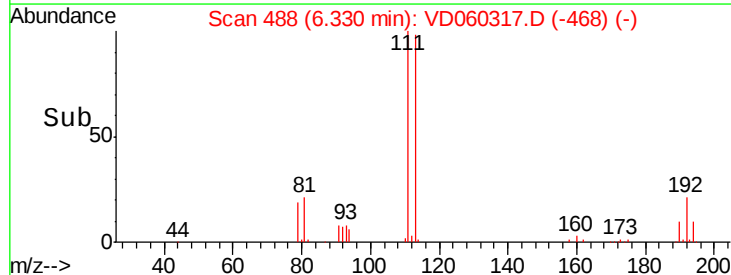
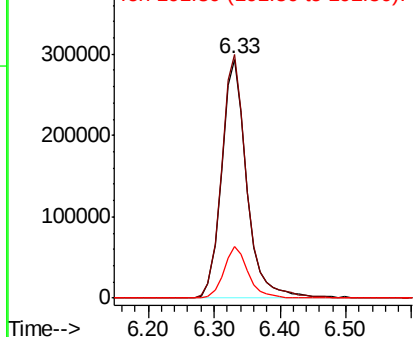


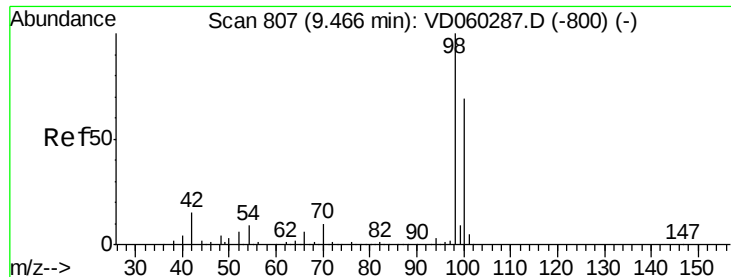
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060317.D
 Acq: 9 Nov 2018 17:34

Tgt Ion:113 Resp: 779825
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.6 122.4
 192 21.7 16.5 24.7



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: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060317.D

Acq: 9 Nov 2018 17:34

Instrument :

MSVOA_D

ClientSampleId :

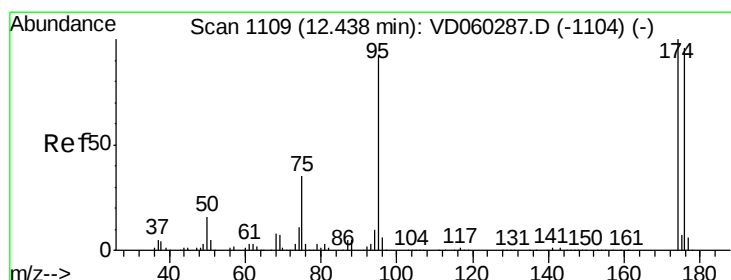
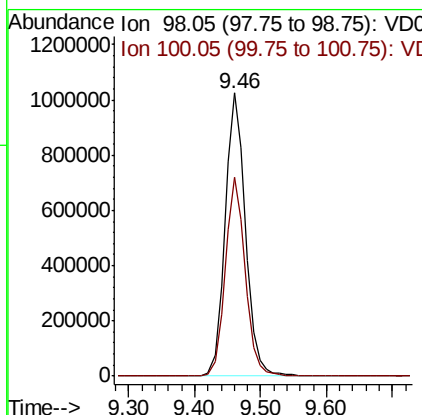
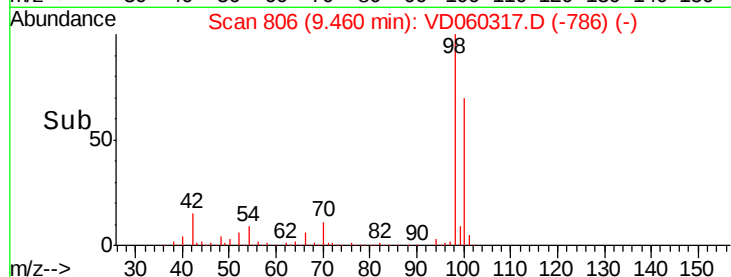
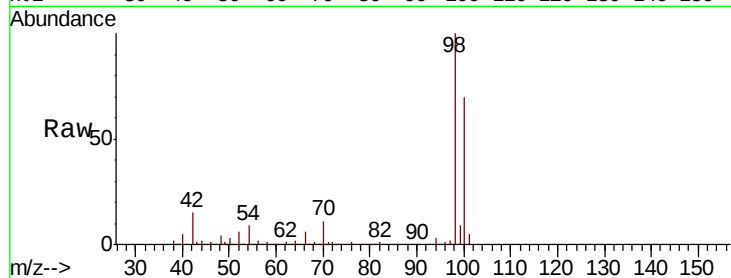
RT-3263

Tot Ion: 98 Resp: 2209780

Ion Ratio Lower Upper

98 100

100 70.1 55.2 82.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060317.D

Acq: 9 Nov 2018 17:34

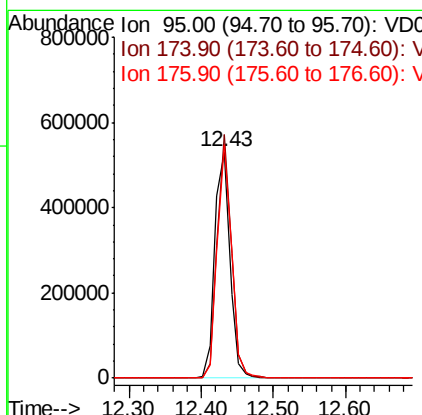
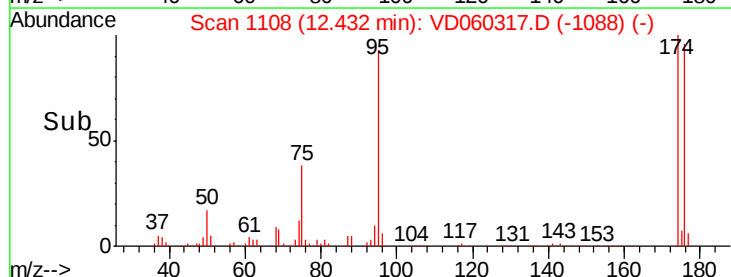
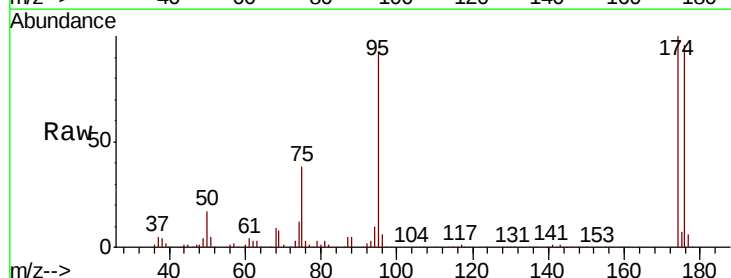
Tgt Ion: 95 Resp: 764200

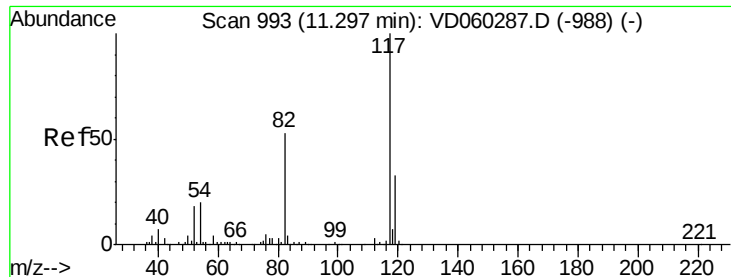
Ion Ratio Lower Upper

95 100

174 107.9 0.0 160.8

176 103.6 0.0 154.6

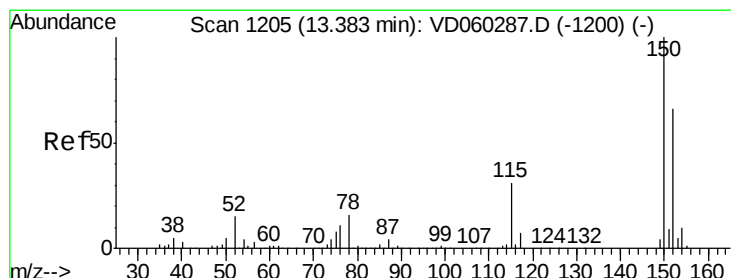
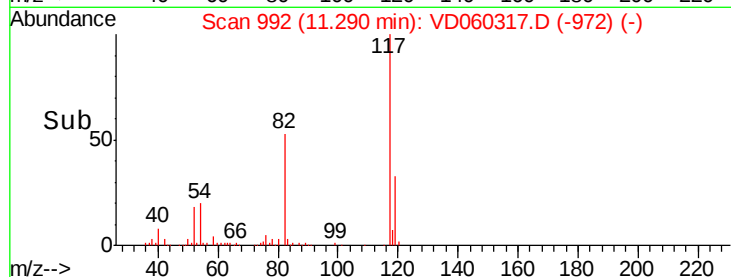
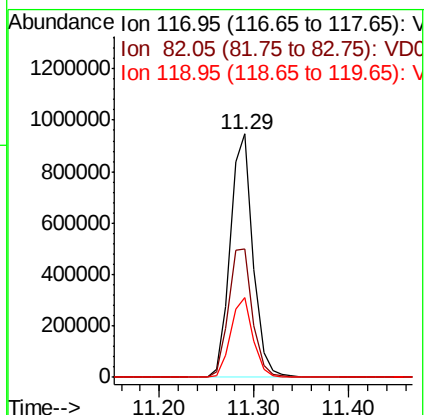
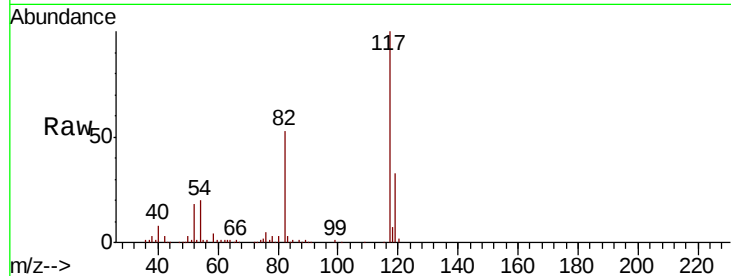




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060317.D
Acq: 9 Nov 2018 17:34

Instrument :
MSVOA_D
ClientSampleId :
RT-3263

Tot Ion:117 Resp: 1571496
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060317.D
Acq: 9 Nov 2018 17:34

Tgt Ion:152 Resp: 810980
Ion Ratio Lower Upper
152 100
115 46.9 24.1 72.3
150 152.5 0.0 310.6

