

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060987.D
 Acq On : 8 Mar 2019 16:49
 Operator : VA/AP
 Sample : K1787-01
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Mar 09 00:03:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

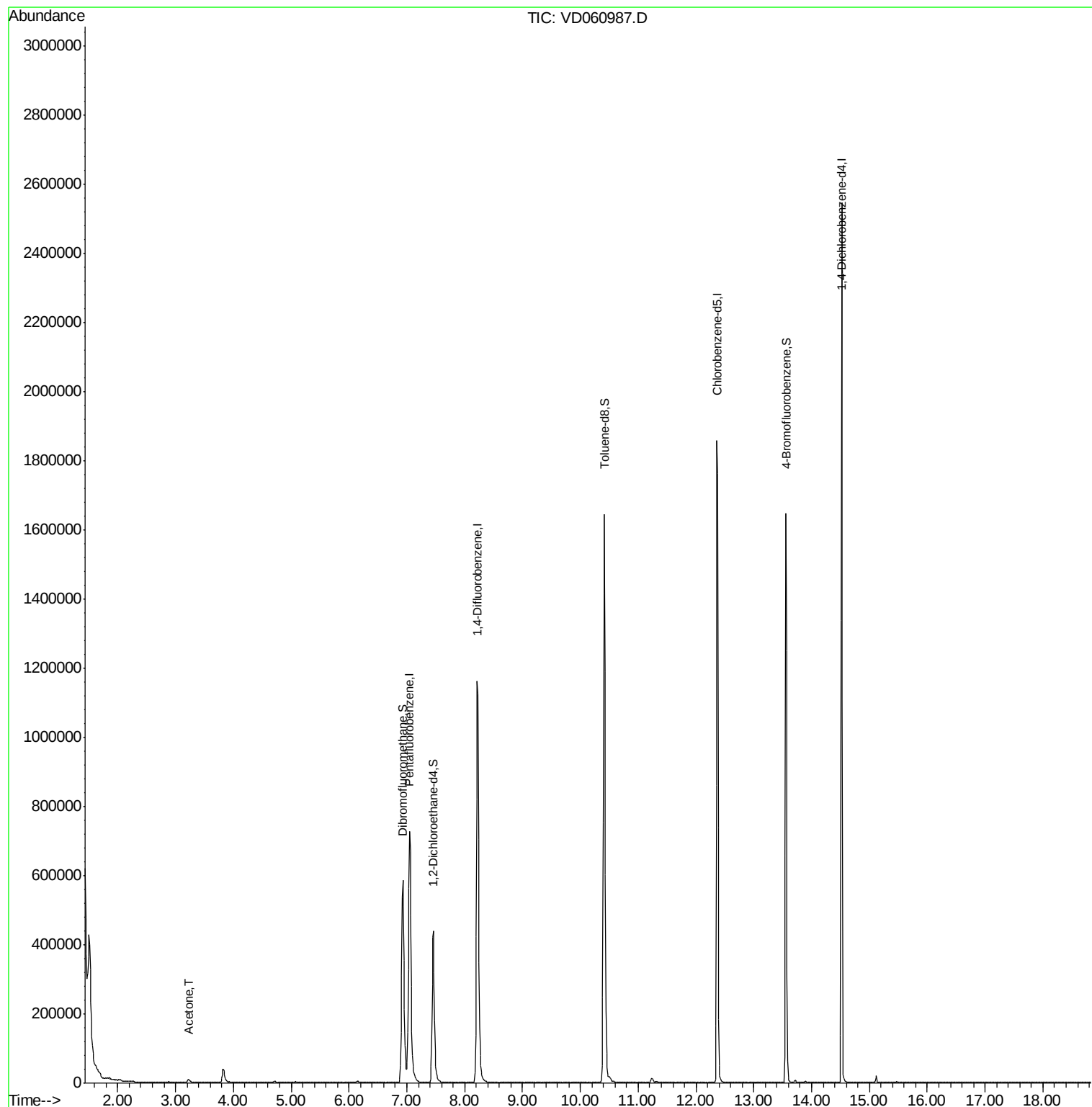
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	752919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1459667	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1248914	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	557706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	425472	67.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	135.78%	
35) Dibromofluoromethane	6.93	113	589921	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
50) Toluene-d8	10.41	98	1434867	52.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	13.55	95	533627	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
Target Compounds						
16) Acetone	3.23	43	19758	11.025	ug/l	Qvalue 96

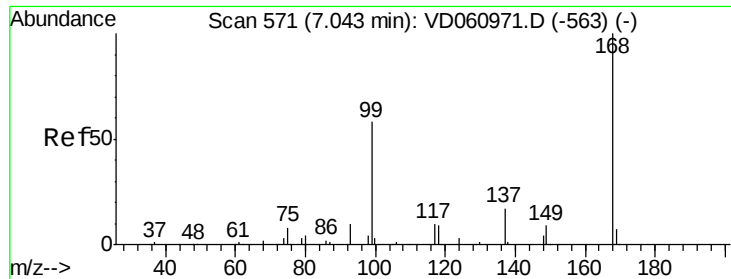
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

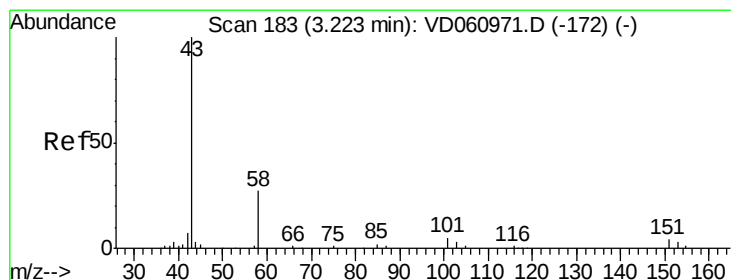
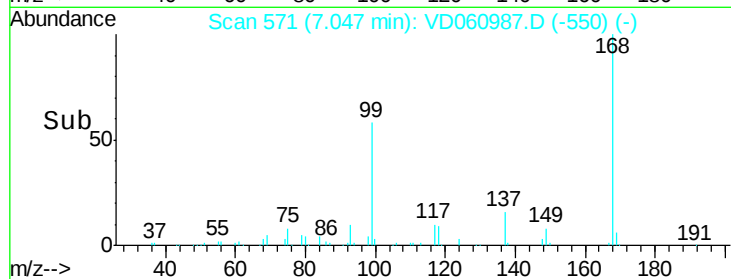
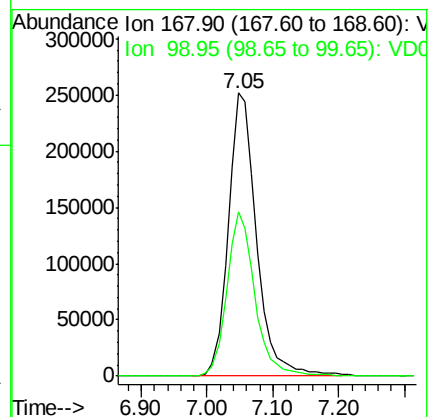
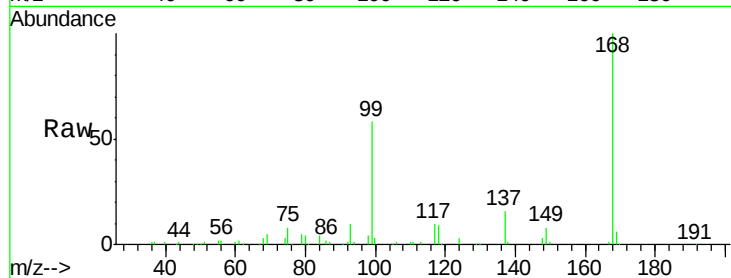
SP-1

Tot Ion:168 Resp: 752919

Ion Ratio Lower Upper

168 100

99 57.9 47.3 70.9



#16

Acetone

Concen: 11.025 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD060987.D

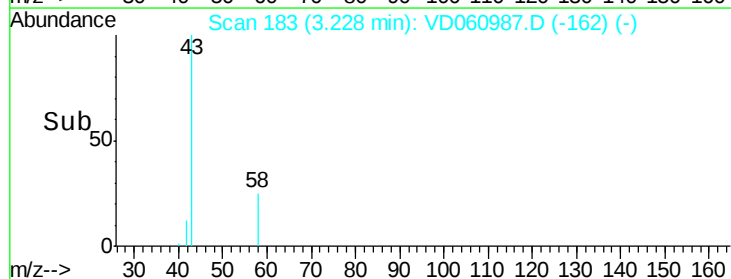
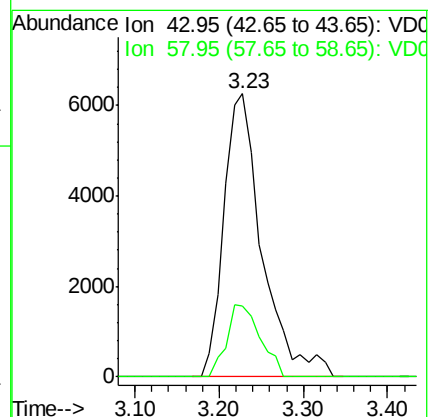
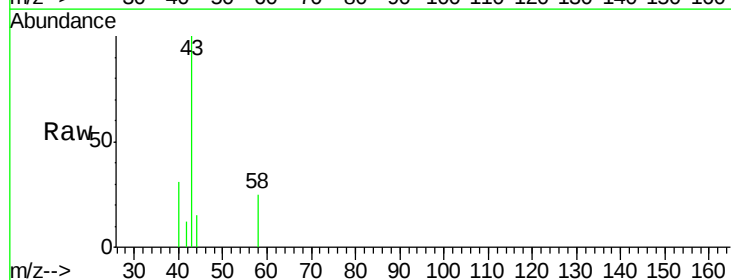
Acq: 8 Mar 2019 16:49

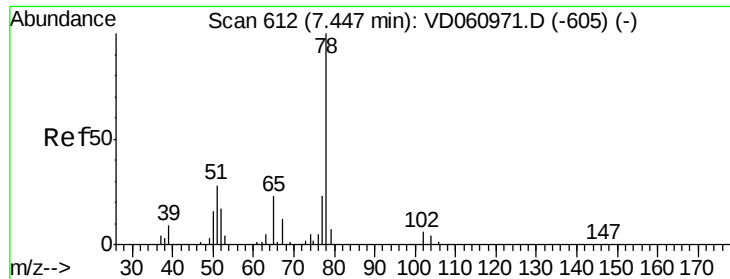
Tgt Ion: 43 Resp: 19758

Ion Ratio Lower Upper

43 100

58 25.1 21.6 32.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060987.D

Acq: 8 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

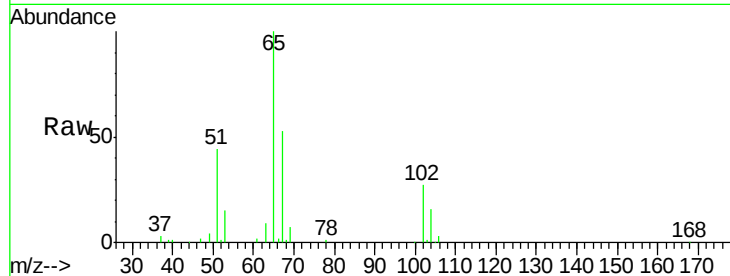
SP-1

Tot Ion: 65 Resp: 425472

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

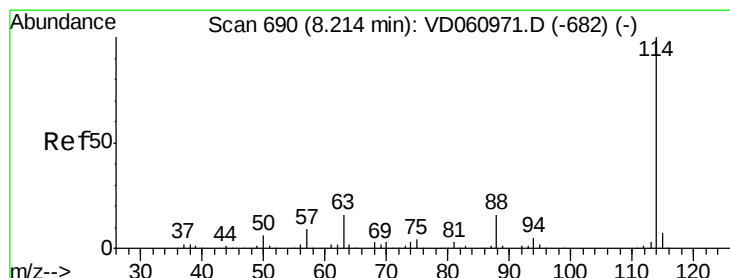
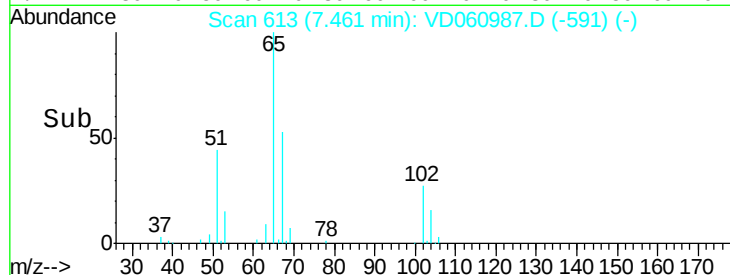
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD060987.D

Acq: 8 Mar 2019 16:49

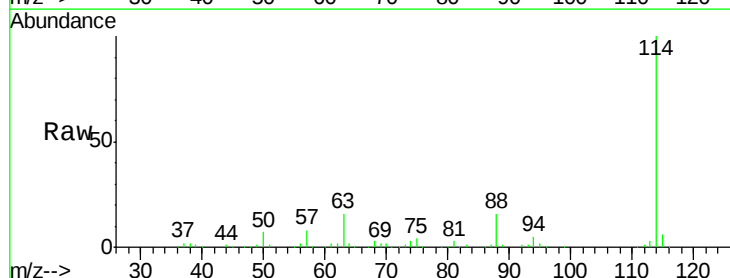
Tgt Ion:114 Resp: 1459667

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.4

88 16.3 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

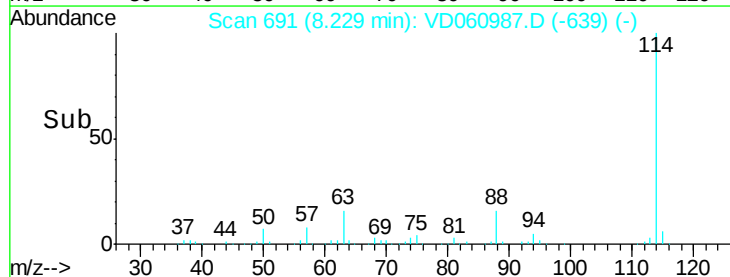
600000

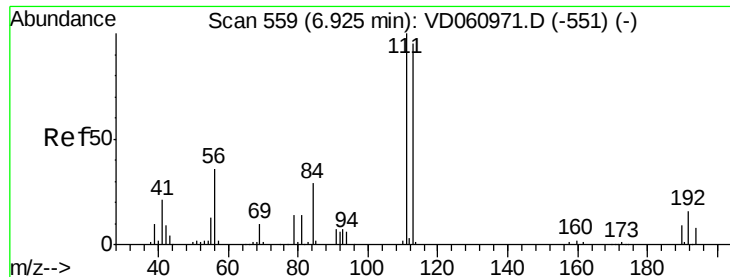
400000

200000

0

Time--> 8.20 8.40

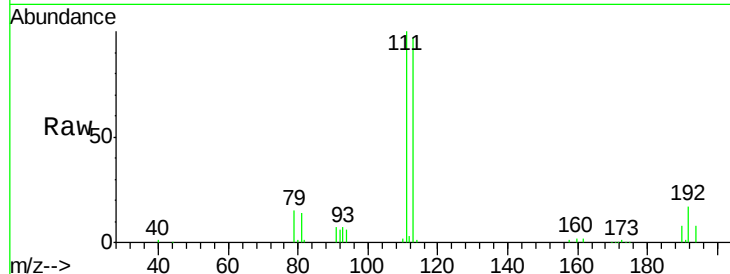




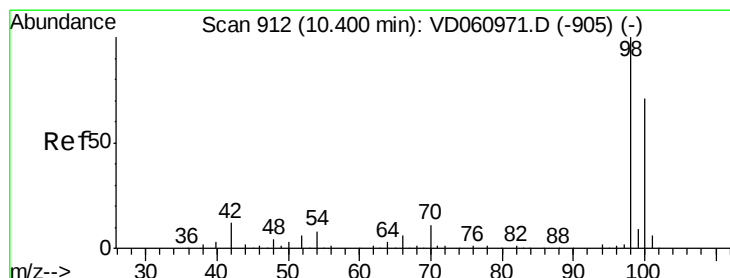
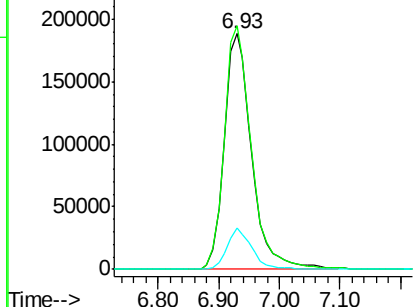
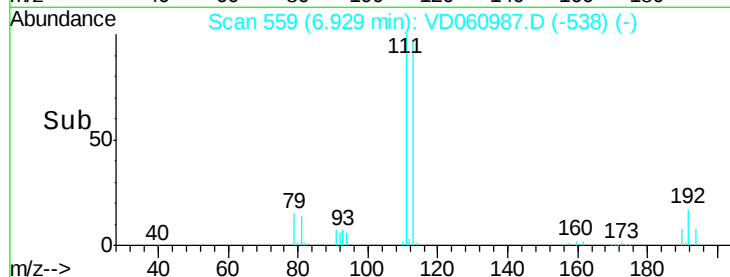
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD060987.D
 Acq: 8 Mar 2019 16:49

Instrument :
 MSVOA_D
 ClientSampled :
 SP-1

Tot Ion:113 Resp: 589921
 Ion Ratio Lower Upper
 113 100
 111 103.3 84.2 126.4
 192 17.4 13.1 19.7

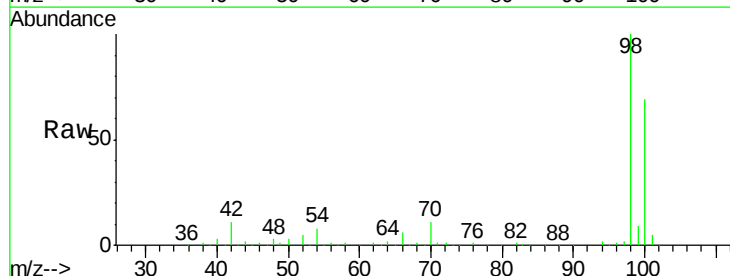


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

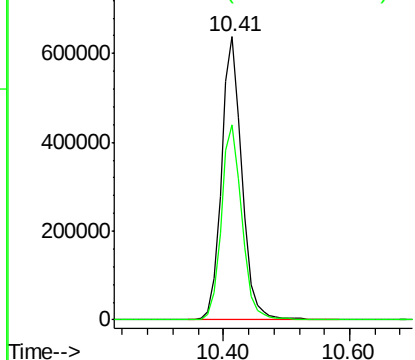
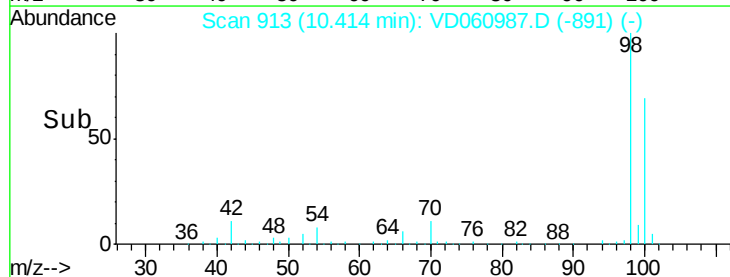


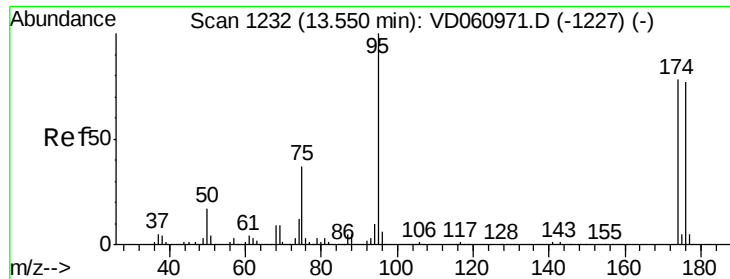
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD060987.D
 Acq: 8 Mar 2019 16:49

Tgt Ion: 98 Resp: 1434867
 Ion Ratio Lower Upper
 98 100
 100 69.1 57.4 86.2



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

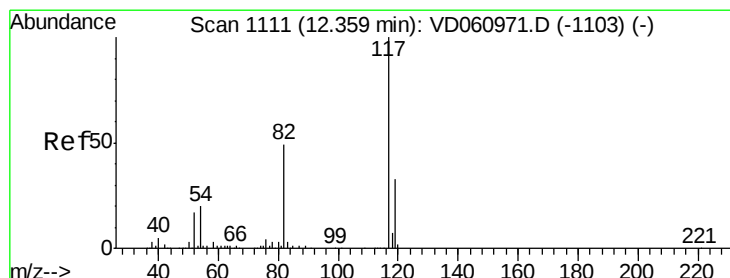
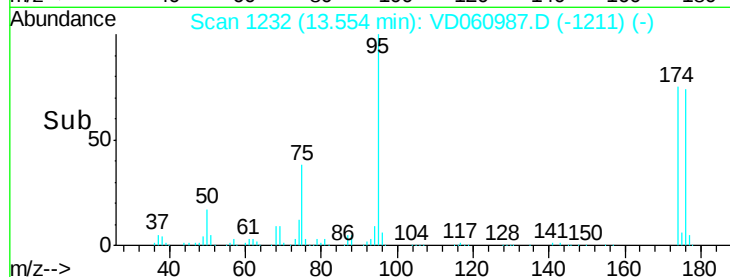
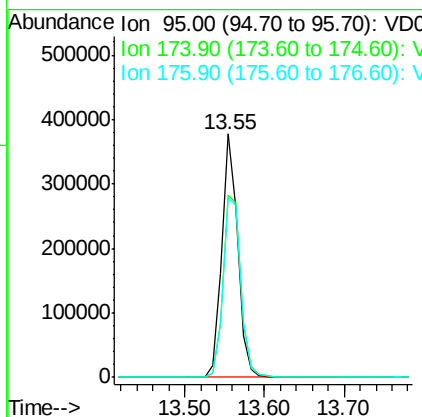
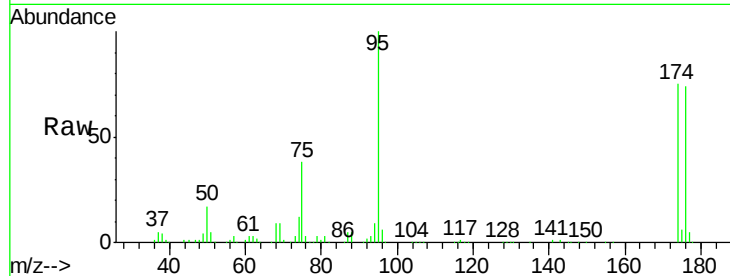




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD060987.D
Acq: 8 Mar 2019 16:49

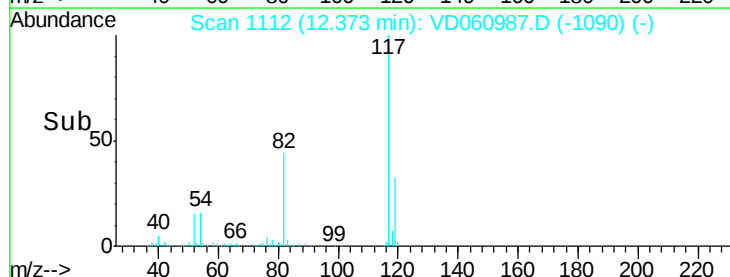
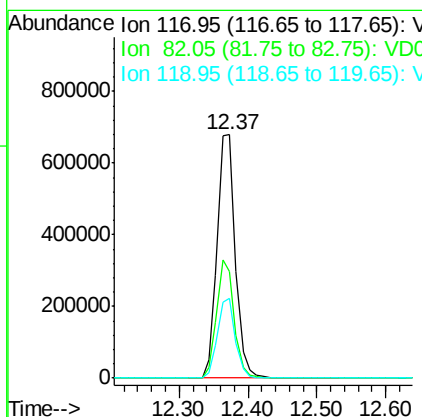
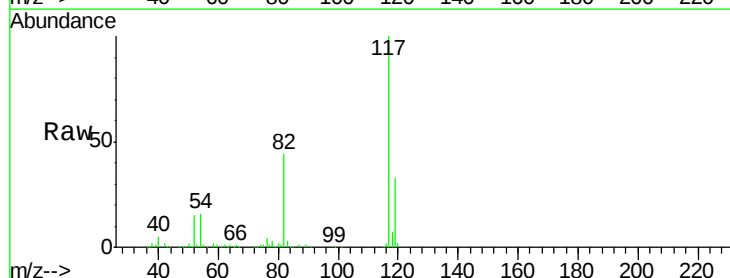
Instrument :
MSVOA_D
ClientSampleId :
SP-1

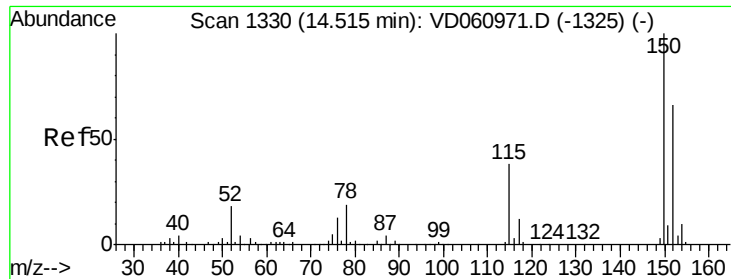
Tot Ion: 95 Resp: 533627
Ion Ratio Lower Upper
95 100
174 75.0 0.0 155.6
176 74.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060987.D
Acq: 8 Mar 2019 16:49

Tgt Ion: 117 Resp: 1248914
Ion Ratio Lower Upper
117 100
82 43.6 38.9 58.3
119 32.9 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD060987.D

Acq: 8 Mar 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

SP-1

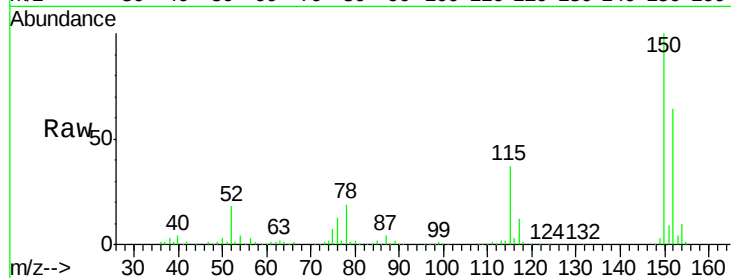
Tot Ion:152 Resp: 557706

Ion Ratio Lower Upper

152 100

115 58.6 28.6 85.9

150 156.9 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

