

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090618\
 Data File : VD059980.D
 Acq On : 6 Sep 2018 12:24
 Operator : JC/SY
 Sample : VD0906SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

Quant Time: Sep 07 04:05:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

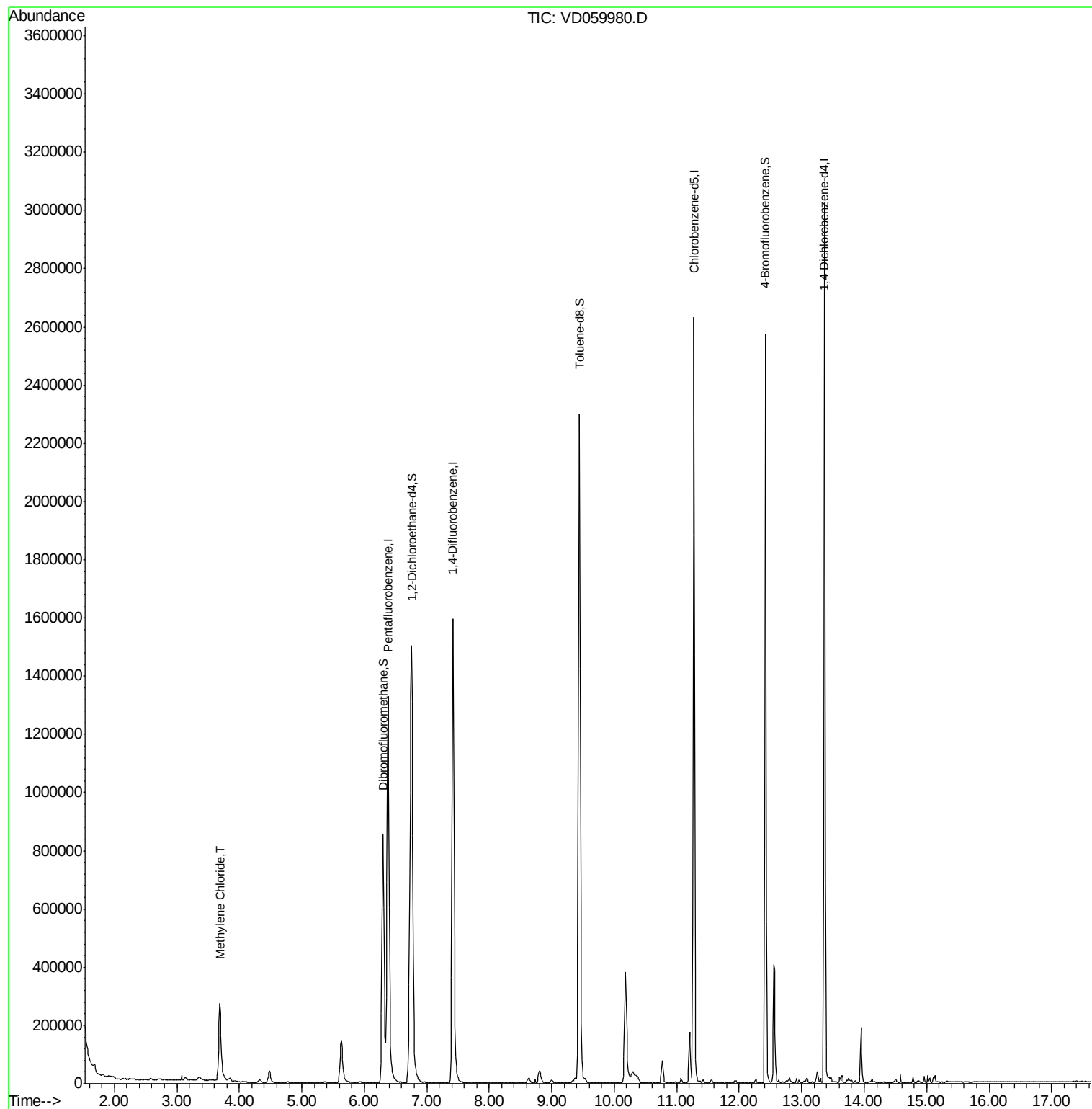
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1280213	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1718222	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1404285	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	746858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	517368	47.95	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	6.30	113	682476	50.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	9.44	98	1909409	51.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.42	95	757059	49.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
20) Methylene Chloride	3.69	84	158495	9.03	ug/l	Qvalue 93

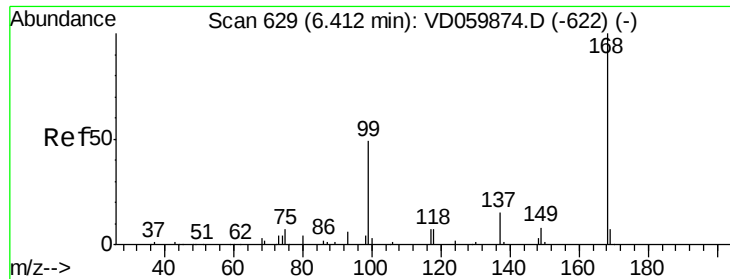
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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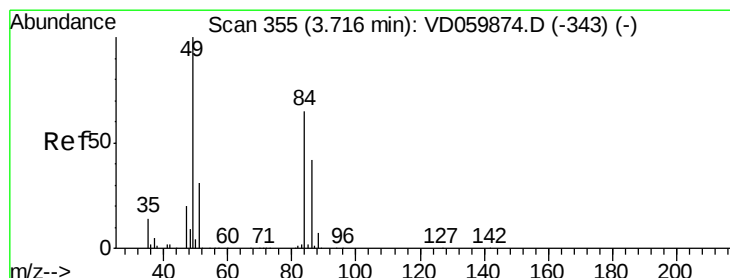
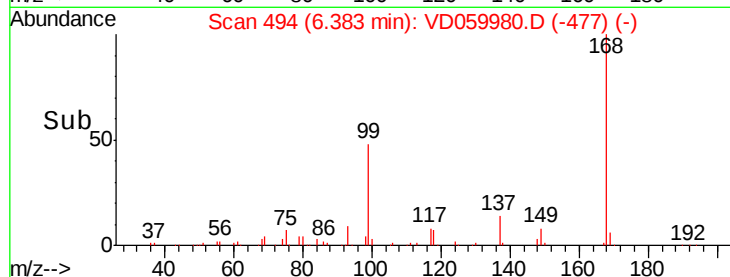
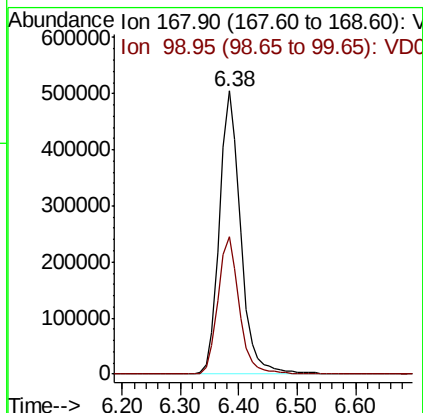
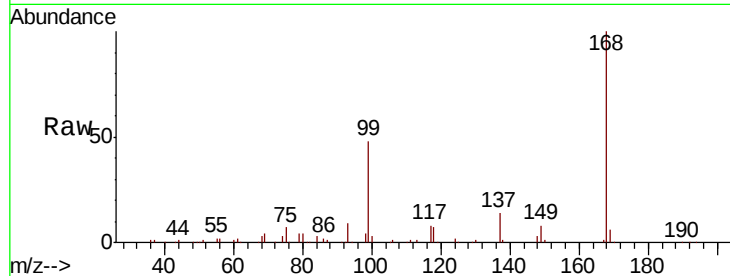


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.38 min Scan# 494
 Delta R.T. -0.03 min
 Lab File: VD059980.D
 Acq: 6 Sep 2018 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

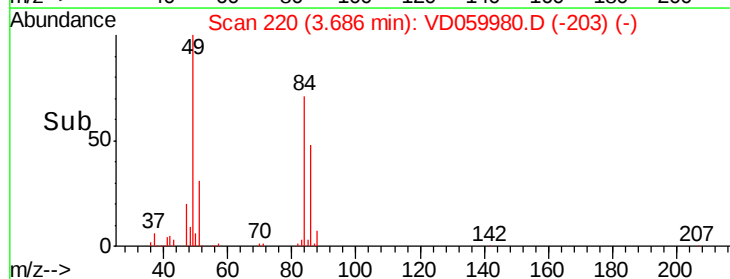
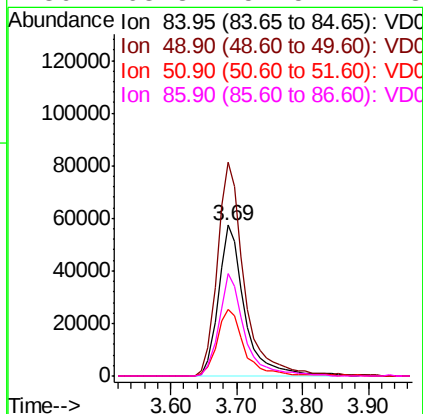
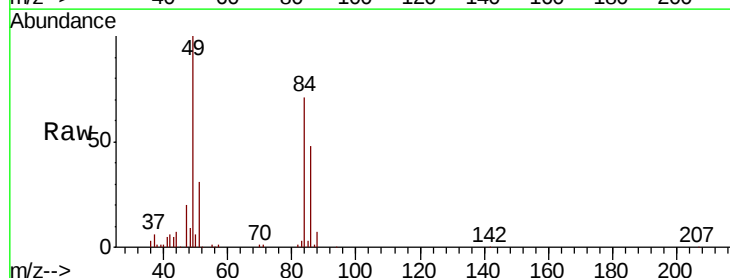
Tot Ion:168 Resp: 1280213
 Ion Ratio Lower Upper
 168 100
 99 48.4 42.2 63.2

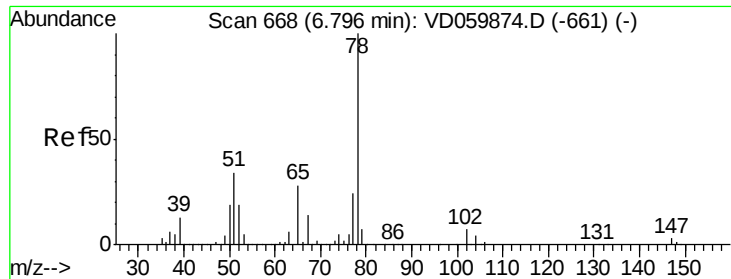


#20

Methylene Chloride
 Concen: 9.03 ug/l
 RT: 3.69 min Scan# 220
 Delta R.T. -0.03 min
 Lab File: VD059980.D
 Acq: 6 Sep 2018 12:24

Tgt Ion: 84 Resp: 158495
 Ion Ratio Lower Upper
 84 100
 49 141.8 122.6 183.8
 51 44.2 38.4 57.6
 86 68.3 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD059980.D

Acq: 6 Sep 2018 12:24

Instrument :

MSVOA_D

ClientSampleId :

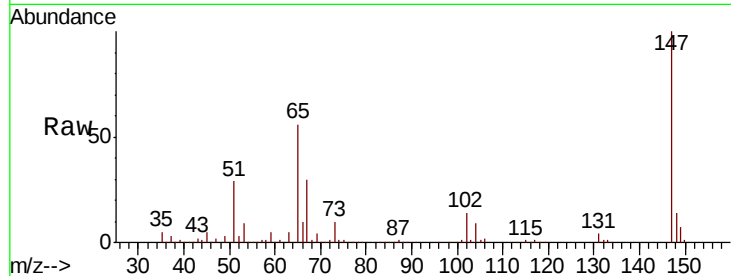
VD0906SBL01

Tot Ion: 65 Resp: 517368

Ion Ratio Lower Upper

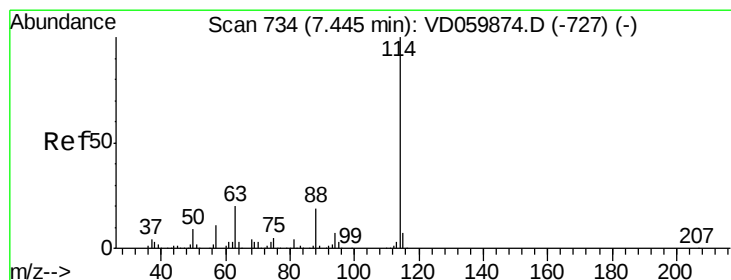
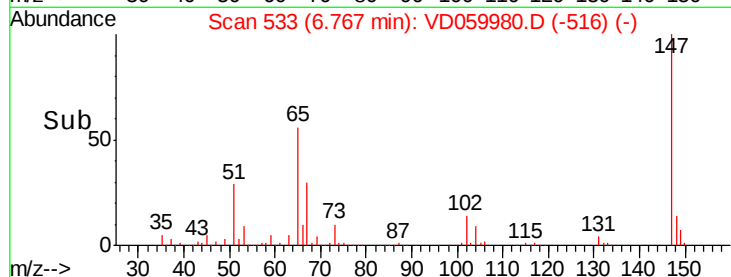
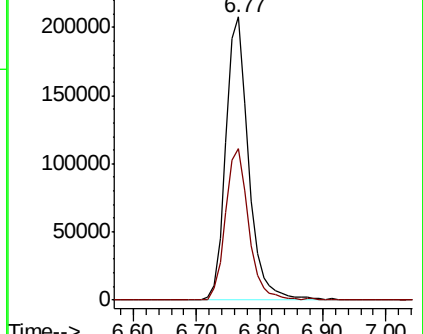
65 100

67 53.3 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.02 min

Lab File: VD059980.D

Acq: 6 Sep 2018 12:24

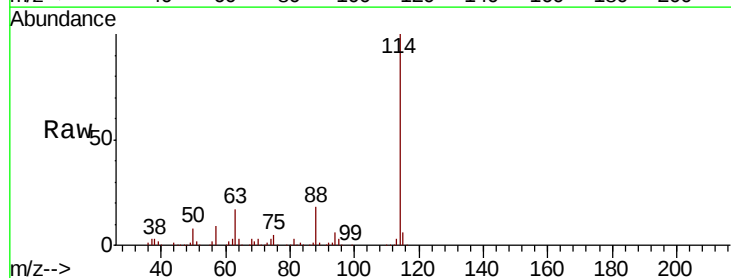
Tgt Ion: 114 Resp: 1718222

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.4

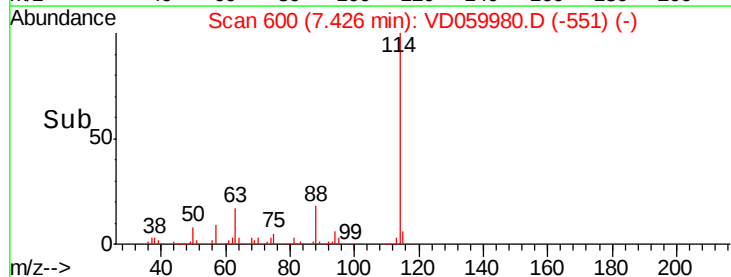
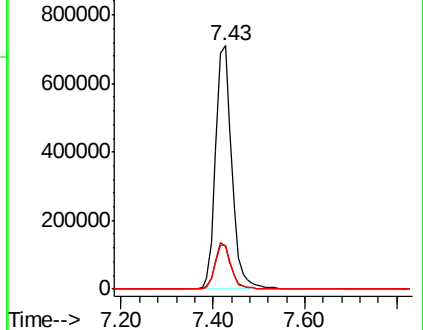
88 18.1 0.0 37.6

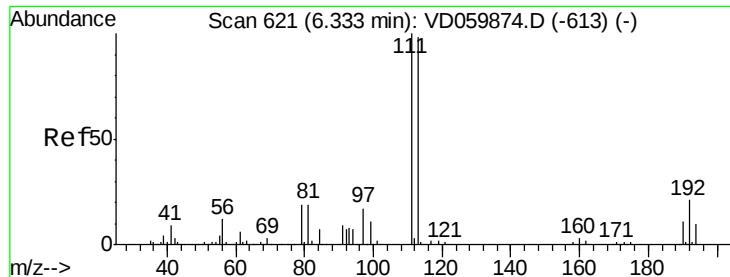


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

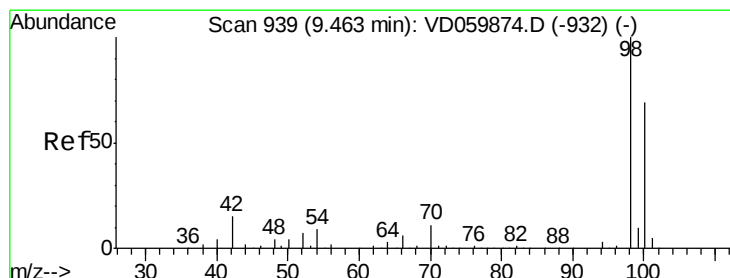
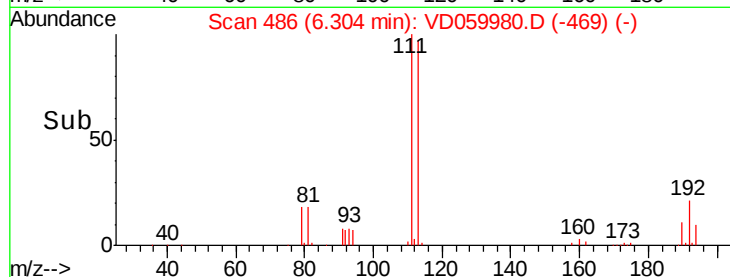
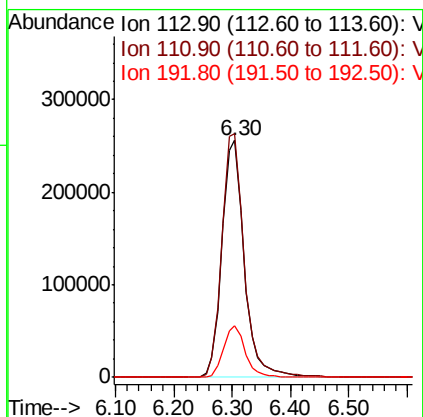
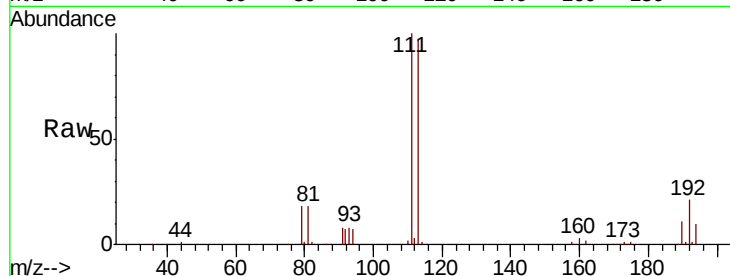




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD059980.D
 Acq: 6 Sep 2018 12:24

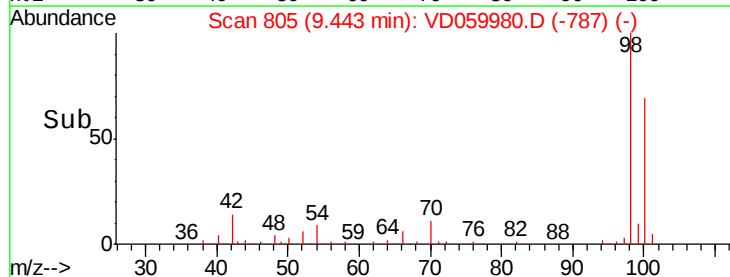
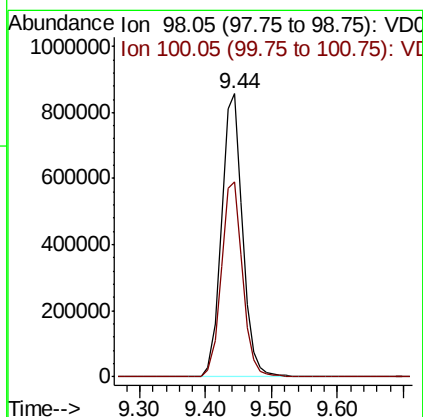
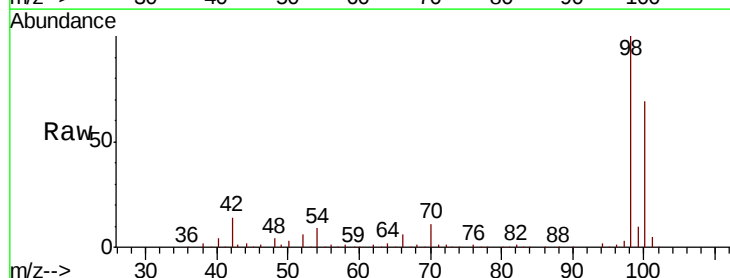
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

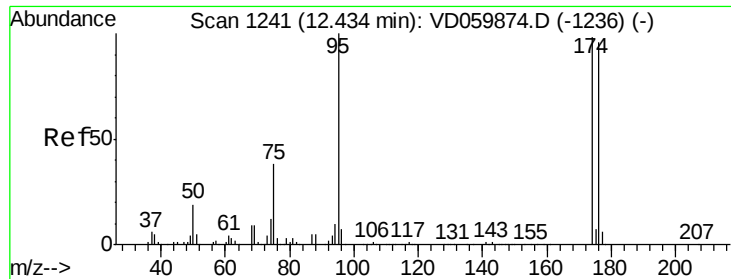
Tot Ion:113 Resp: 682476
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.2
 192 21.9 17.0 25.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: VD059980.D
 Acq: 6 Sep 2018 12:24

Tgt Ion: 98 Resp: 1909409
 Ion Ratio Lower Upper
 98 100
 100 68.8 55.8 83.6

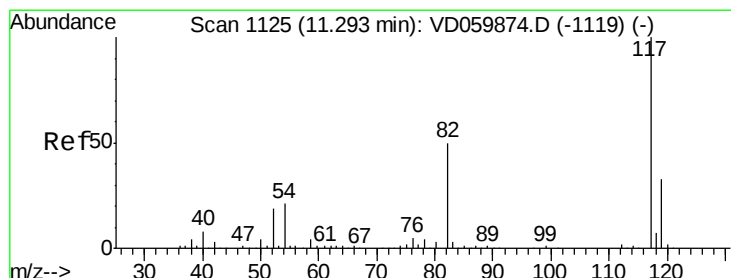
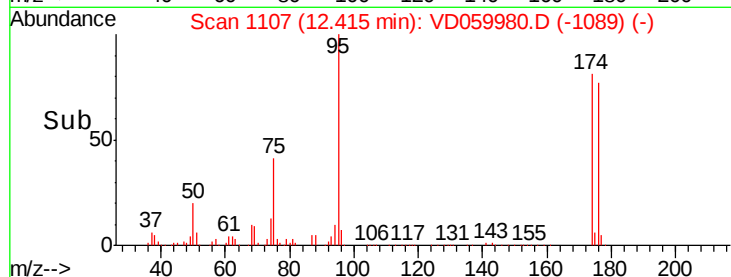
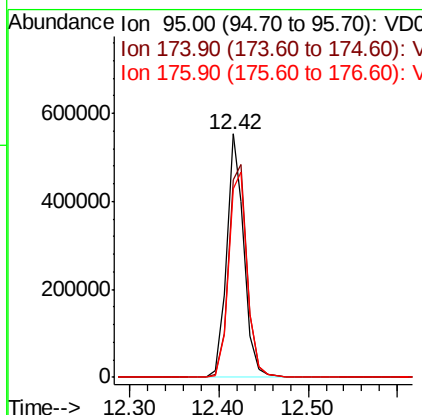
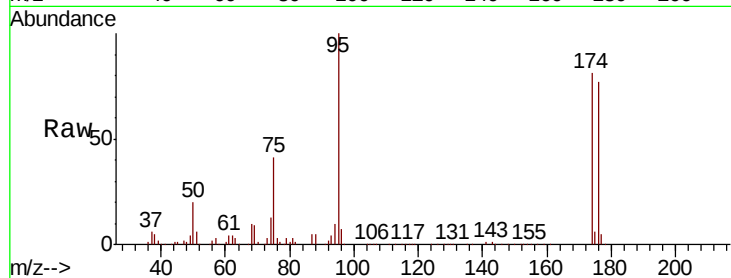




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD059980.D
Acq: 6 Sep 2018 12:24

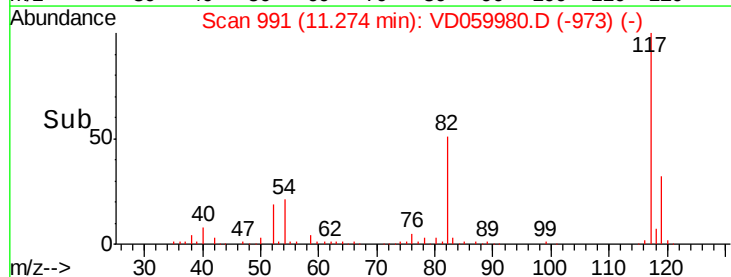
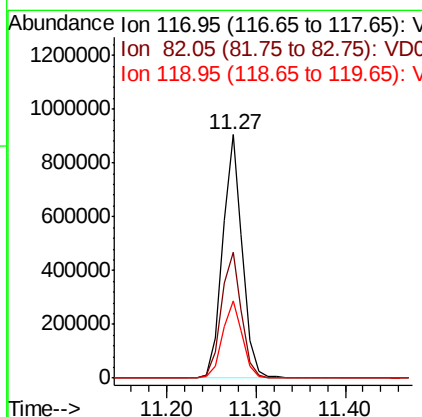
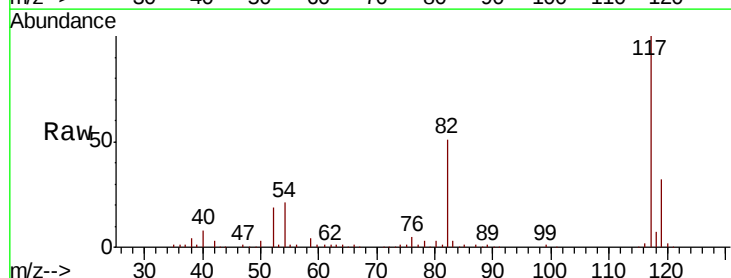
Instrument :
MSVOA_D
ClientSampleId :
VD0906SBL01

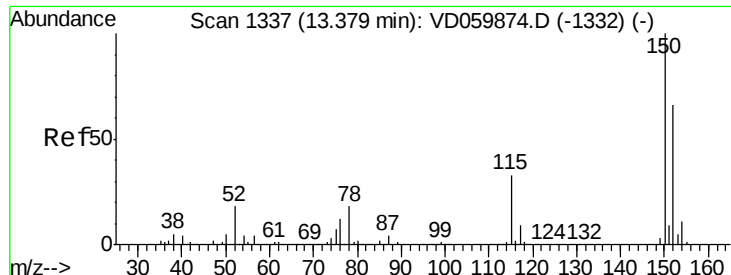
Tot Ion: 95 Resp: 757059
Ion Ratio Lower Upper
95 100
174 81.4 0.0 195.6
176 77.4 0.0 191.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.02 min
Lab File: VD059980.D
Acq: 6 Sep 2018 12:24

Tgt Ion: 117 Resp: 1404285
Ion Ratio Lower Upper
117 100
82 51.5 40.1 60.1
119 31.7 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD059980.D
 Acq: 6 Sep 2018 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBL01

Tot Ion:152 Resp: 746858
 Ion Ratio Lower Upper
 152 100
 115 46.6 25.7 77.0
 150 153.7 0.0 310.2

