

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111318\
 Data File : VD060354.D
 Acq On : 13 Nov 2018 11:32
 Operator : JC/SY
 Sample : VD1113SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Nov 14 06:02:58 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	1680992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2230655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1819054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	913689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	575395	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	6.34	113	814712	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	9.47	98	2401559	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.44	95	858275	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

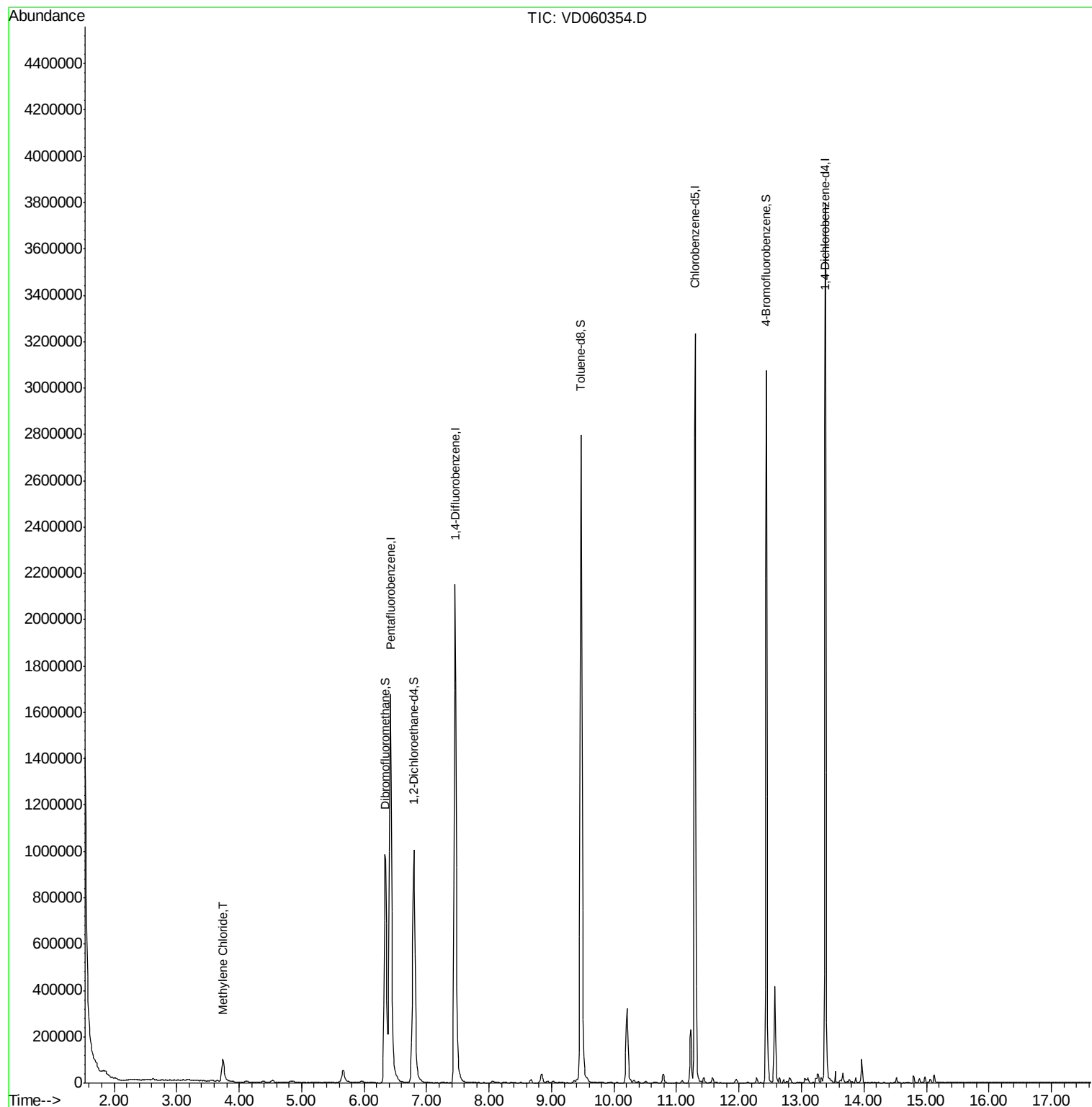
Target Compounds						Qvalue
20) Methylene Chloride	3.74	84	61673	3.33	ug/l	96

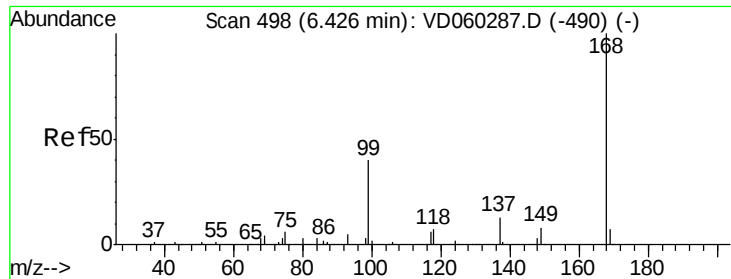
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060354.D

Acq: 13 Nov 2018 11:32

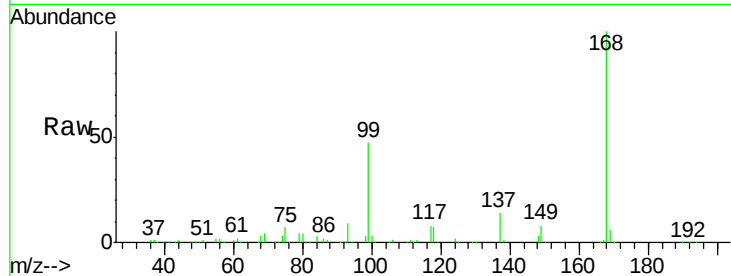
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 1680992

Ion Ratio Lower Upper

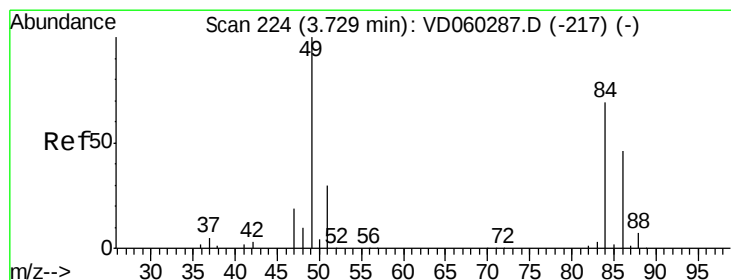
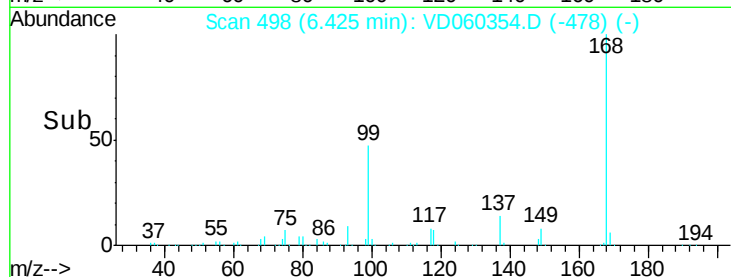
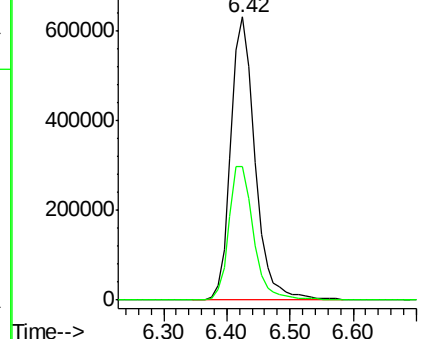
168 100

99 47.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.95 (98.65 to 99.65): VD



#20

Methylene Chloride

Concen: 3.33 ug/l

RT: 3.74 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD060354.D

Acq: 13 Nov 2018 11:32

Tgt Ion: 84 Resp: 61673

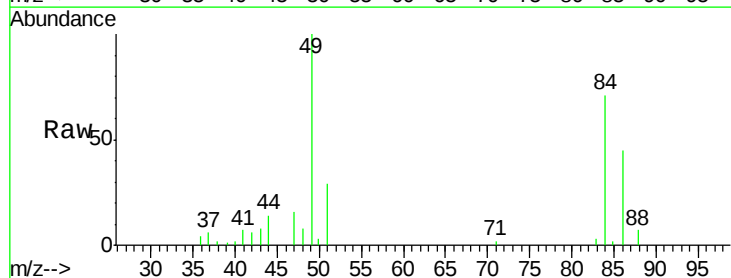
Ion Ratio Lower Upper

84 100

49 140.6 115.6 173.4

51 40.3 35.6 53.4

86 63.0 52.3 78.5

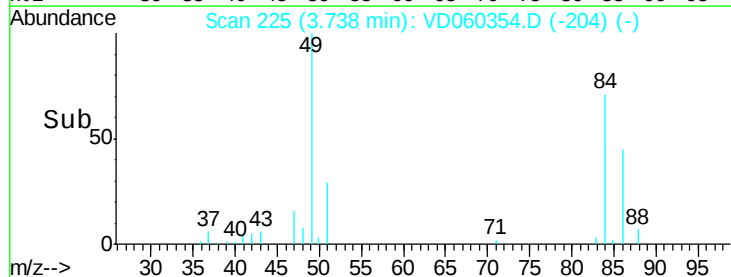
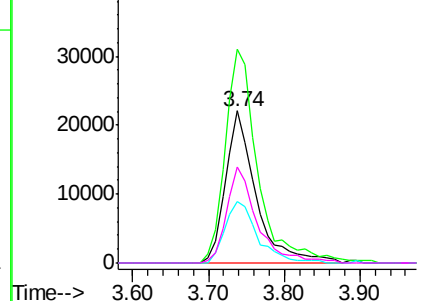


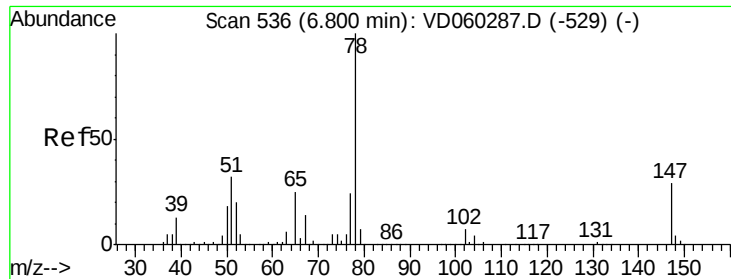
Abundance Ion 83.95 (83.65 to 84.65): VD

Ion 48.90 (48.60 to 49.60): VD

Ion 50.90 (50.60 to 51.60): VD

Ion 85.90 (85.60 to 86.60): VD

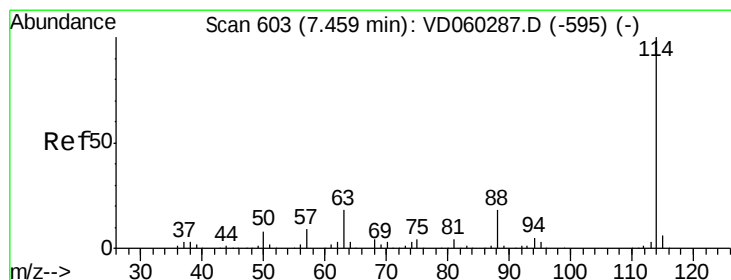
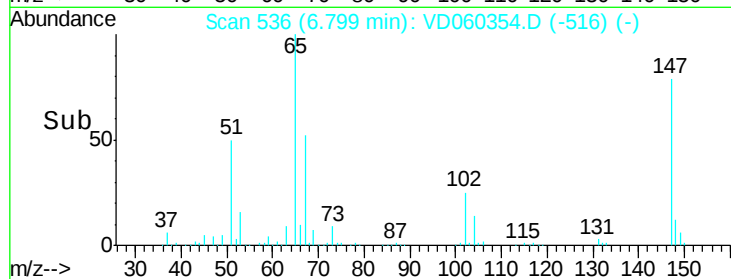
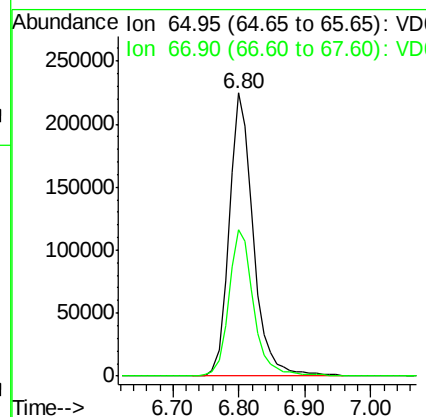
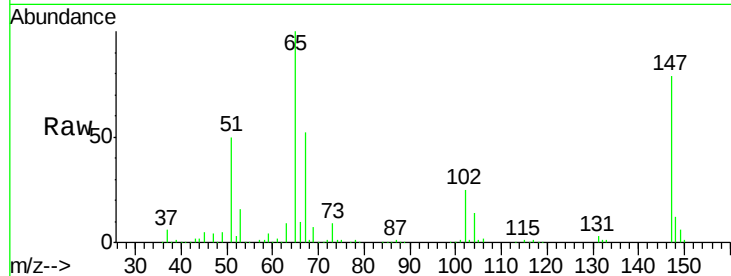




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VD060354.D
 Acq: 13 Nov 2018 11:32

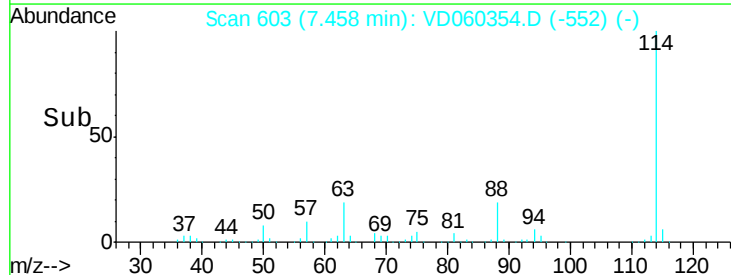
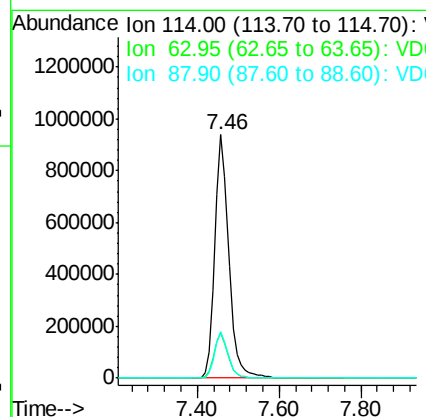
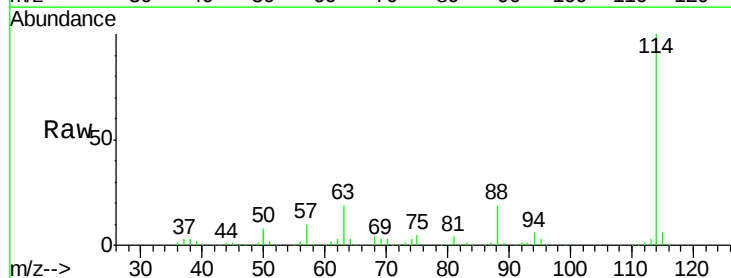
Instrument :
 MSVOA_F
 ClientSampleId :

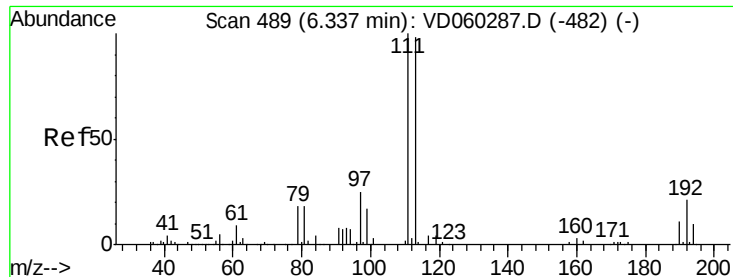
Tot Ion: 65 Resp: 575395
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VD060354.D
 Acq: 13 Nov 2018 11:32

Tgt Ion: 114 Resp: 2230655
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.0
 88 19.0 0.0 35.4

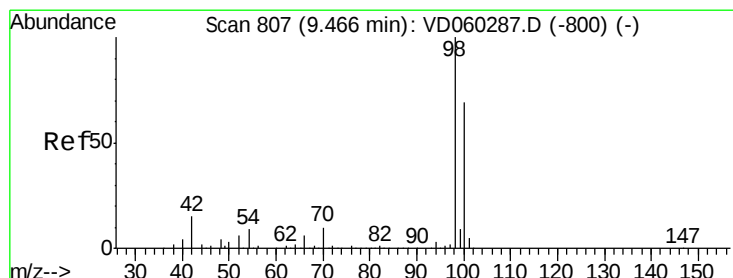
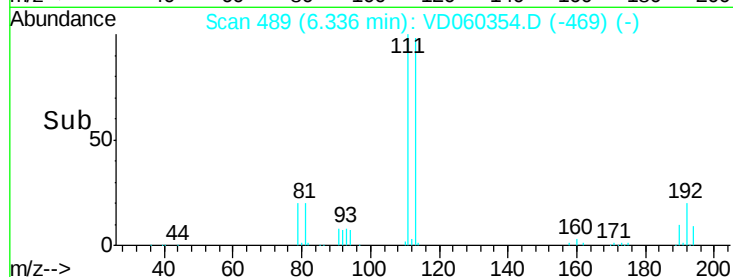
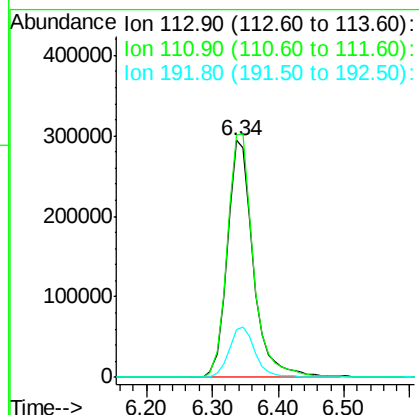
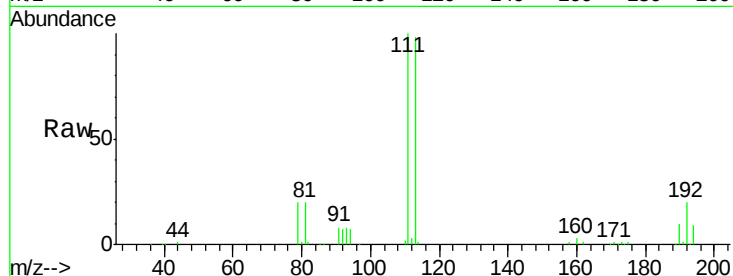




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060354.D
 Acq: 13 Nov 2018 11:32

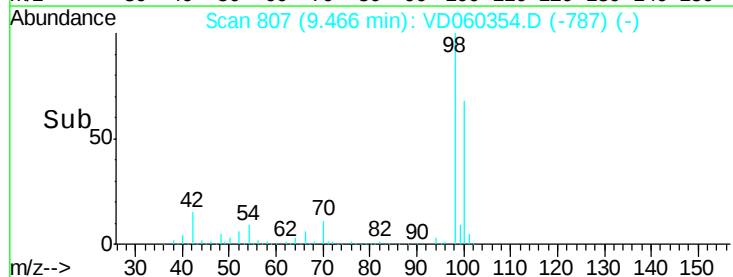
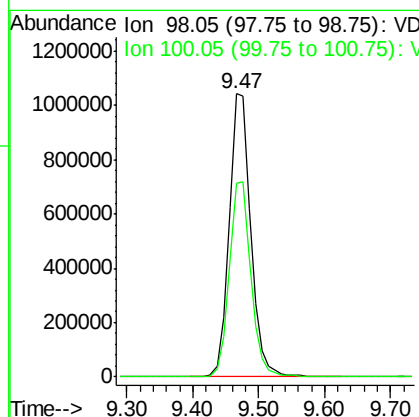
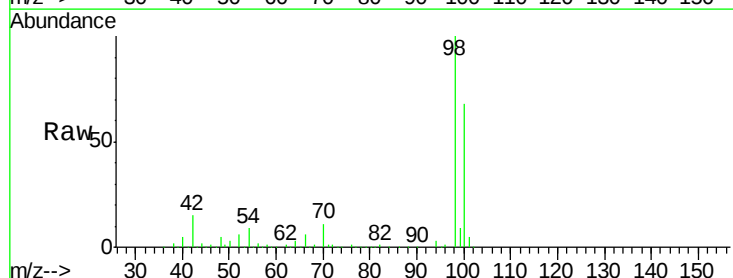
Instrument :
 MSVOA_F
 ClientSampleId :

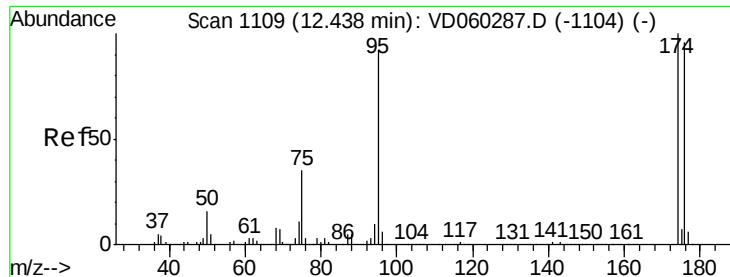
Tot Ion:113 Resp: 814712
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 20.3 16.5 24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.47 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VD060354.D
 Acq: 13 Nov 2018 11:32

Tgt Ion: 98 Resp: 2401559
 Ion Ratio Lower Upper
 98 100
 100 68.4 55.2 82.8

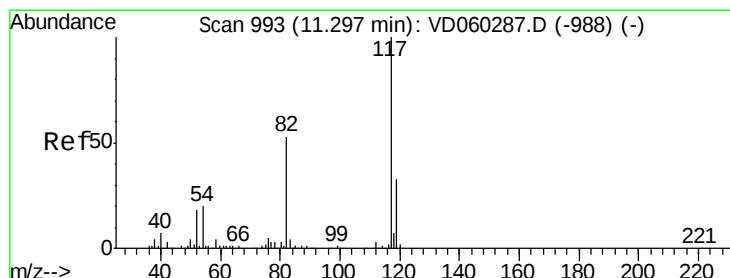
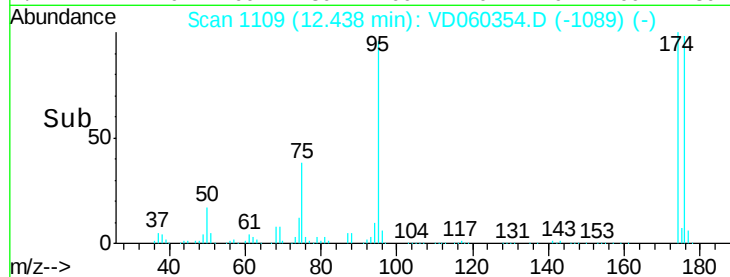
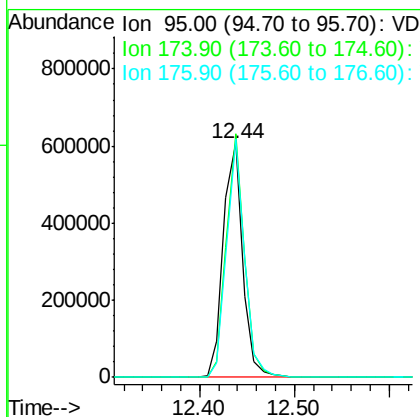
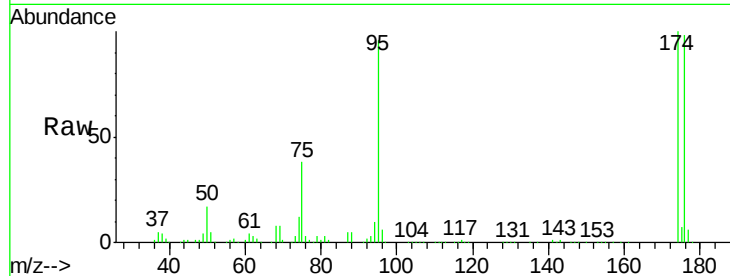




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060354.D
Acq: 13 Nov 2018 11:32

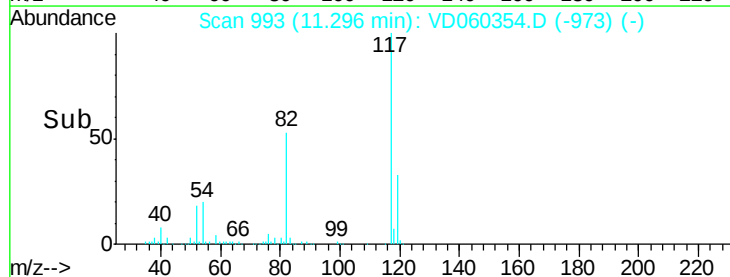
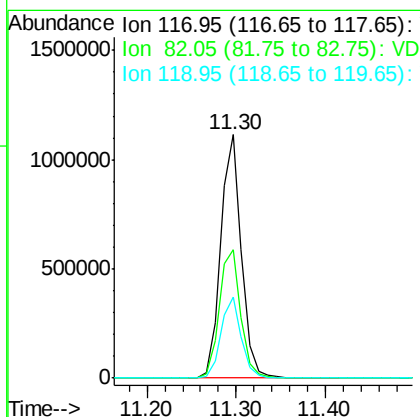
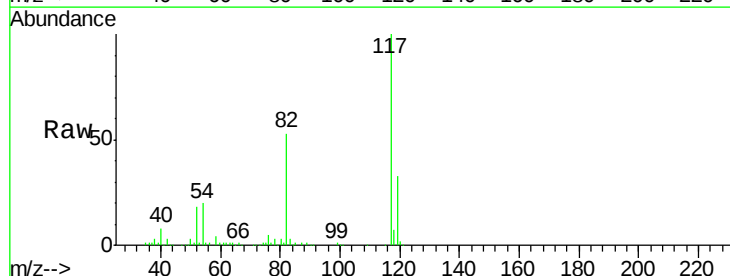
Instrument :
MSVOA_F
ClientSampleId :

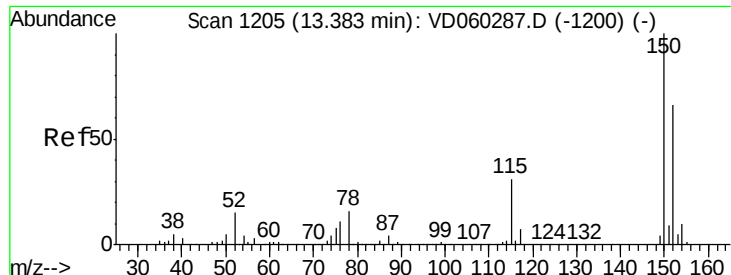
Tot Ion: 95 Resp: 858275
Ion Ratio Lower Upper
95 100
174 104.0 0.0 160.8
176 101.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060354.D
Acq: 13 Nov 2018 11:32

Tgt Ion: 117 Resp: 1819054
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 33.2 26.1 39.1

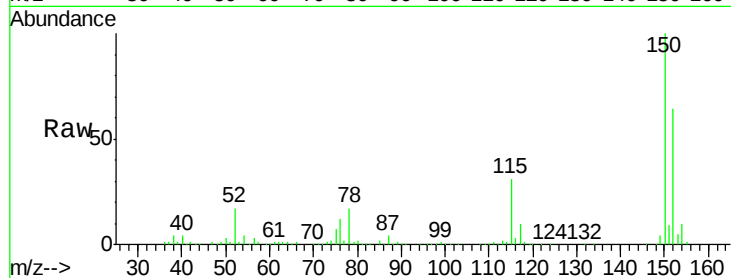




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD060354.D
 Acq: 13 Nov 2018 11:32

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.0	24.1	72.3
150	156.4	0.0	310.6



Abundance Ion 151.90 (151.60 to 152.60):
 1500000
 Ion 115.00 (114.70 to 115.70):
 Ion 149.90 (149.60 to 150.60):

