

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD043019\
 Data File : VD062091.D
 Acq On : 30 Apr 2019 17:02
 Operator : FY/SY
 Sample : K2623-02
 Misc : 5.35g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: May 13 04:31:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	382386	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	644303	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	471891	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.50	152	196976	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	204101	68.20	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	136.40%	
35) Dibromofluoromethane	6.89	113	282734	63.45	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	126.90%	
50) Toluene-d8	10.39	98	595759	56.19	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	112.38%	
62) 4-Bromofluorobenzene	13.54	95	226577	53.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.56%	

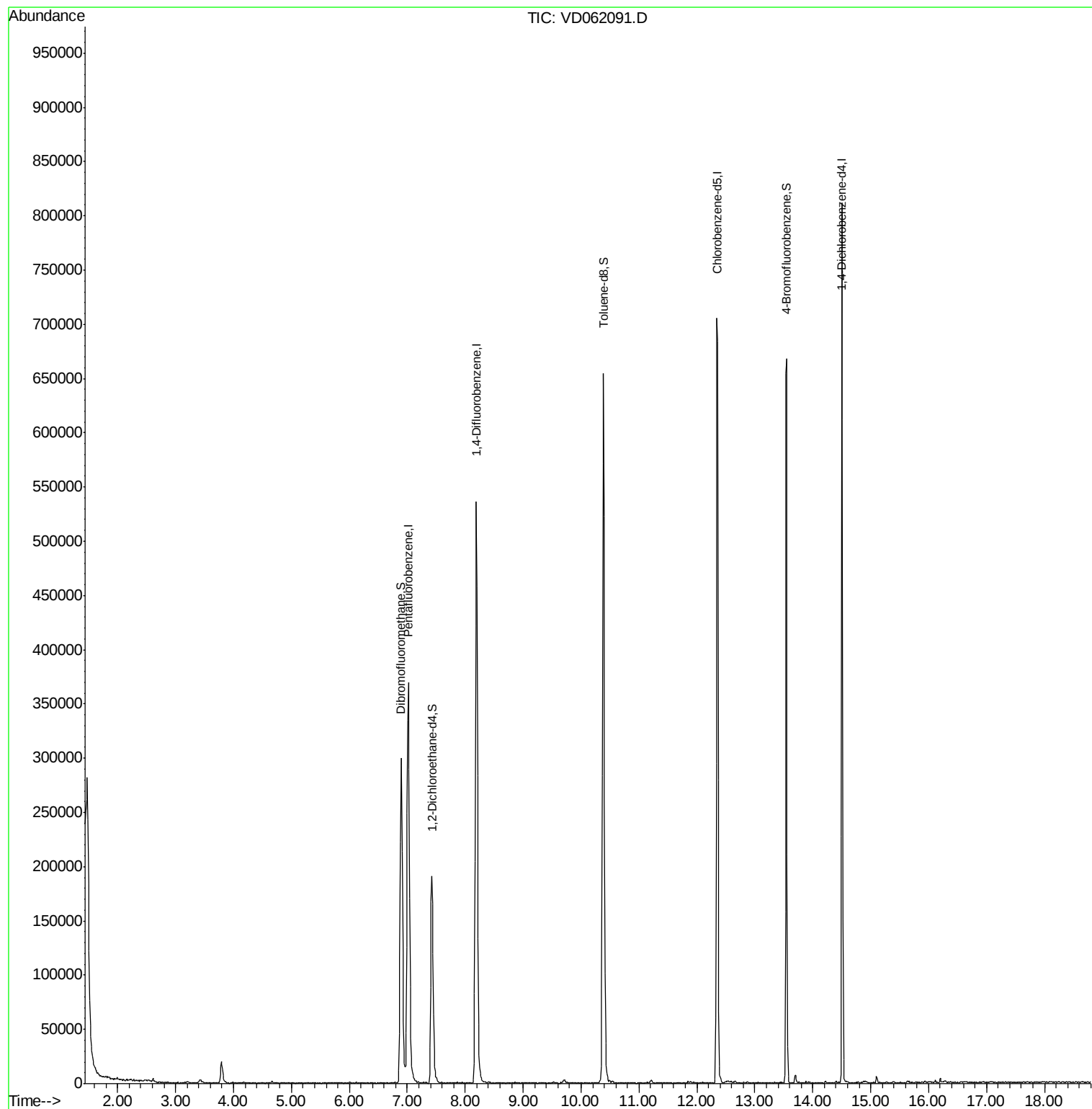
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062091.D

Acq: 30 Apr 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

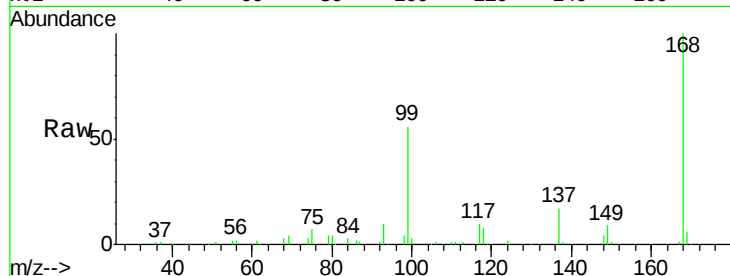
SP-1

Tot Ion:168 Resp: 382386

Ion Ratio Lower Upper

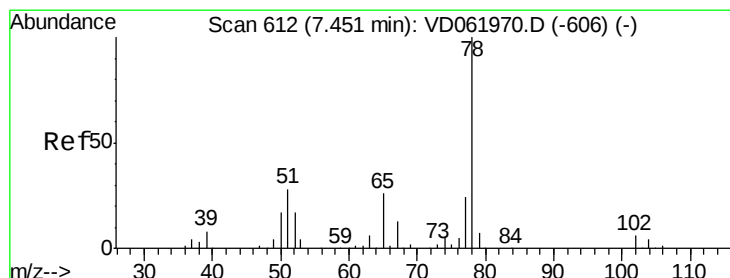
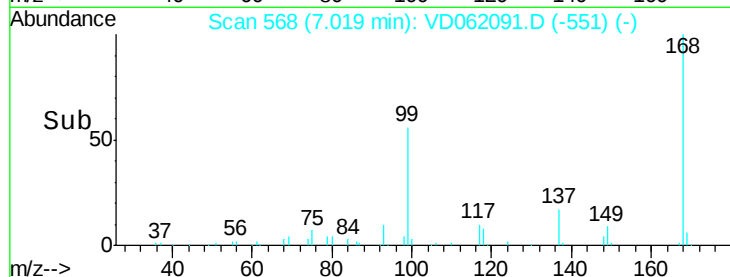
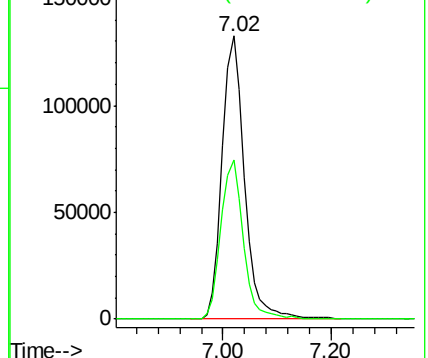
168 100

99 56.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 68.198 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062091.D

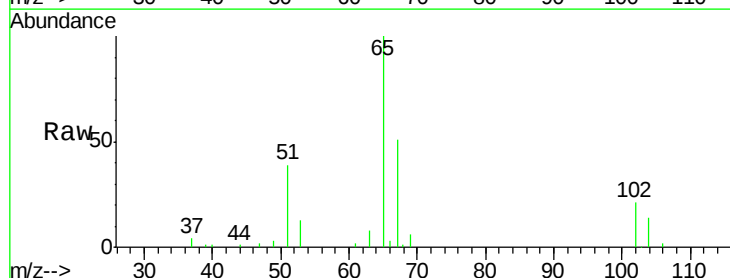
Acq: 30 Apr 2019 17:02

Tgt Ion: 65 Resp: 204101

Ion Ratio Lower Upper

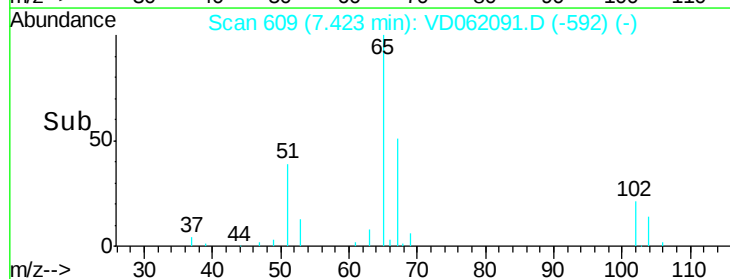
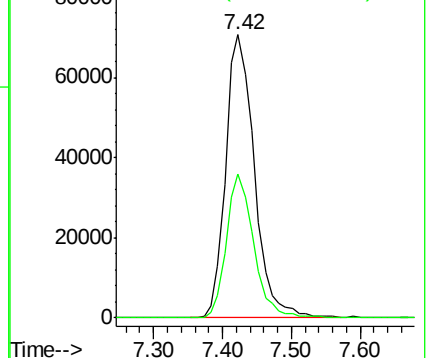
65 100

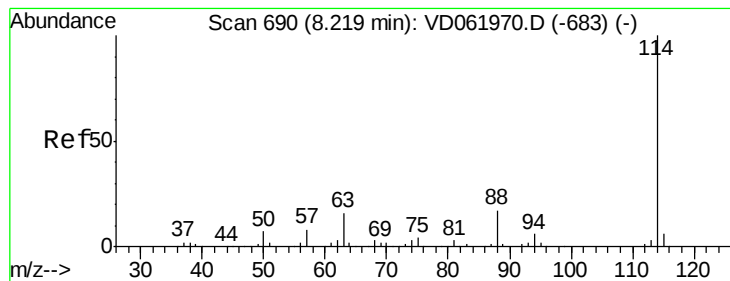
67 50.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062091.D

Acq: 30 Apr 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SP-1

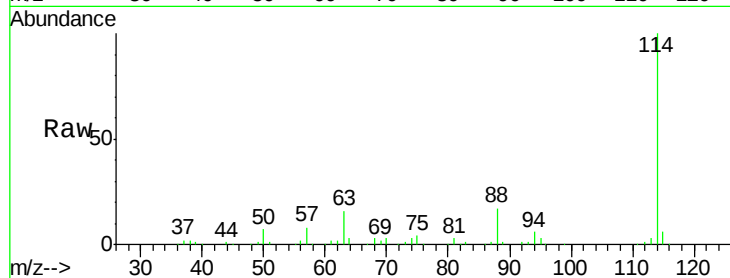
Tot Ion:114 Resp: 644303

Ion Ratio Lower Upper

114 100

63 16.3 0.0 32.4

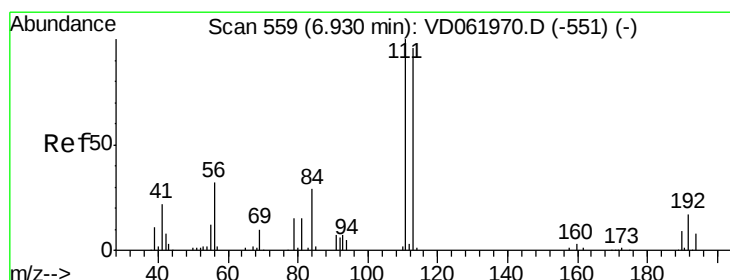
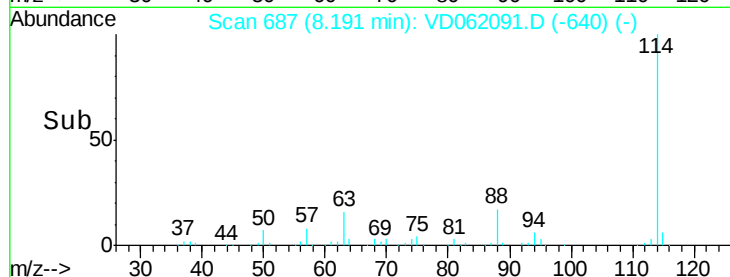
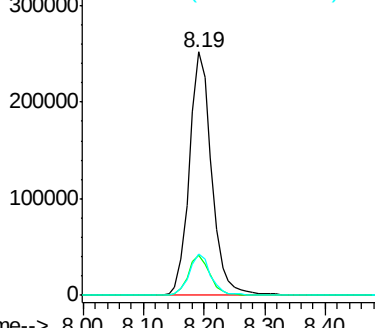
88 17.3 0.0 33.6



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: 63.451 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062091.D

Acq: 30 Apr 2019 17:02

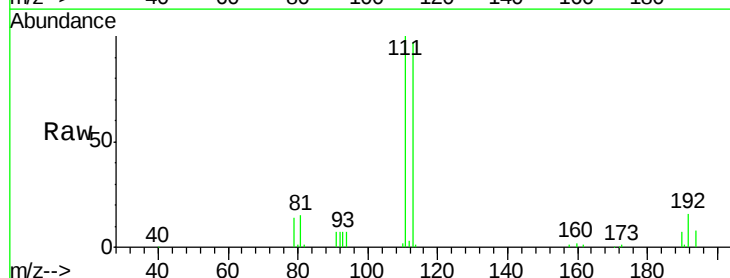
Tgt Ion:113 Resp: 282734

Ion Ratio Lower Upper

113 100

111 103.5 78.5 117.7

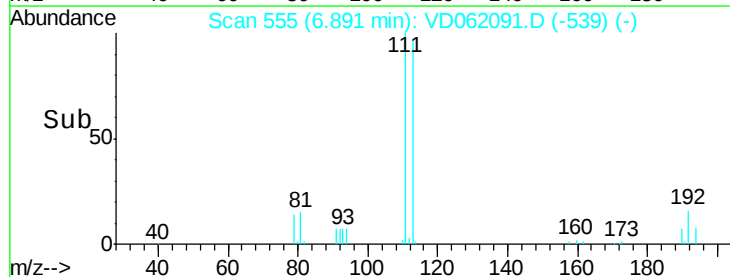
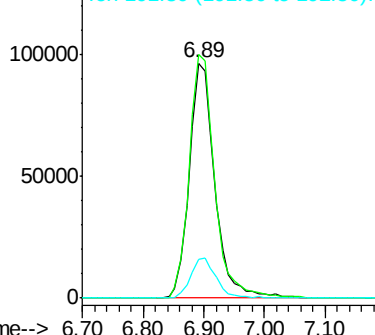
192 16.5 13.0 19.4

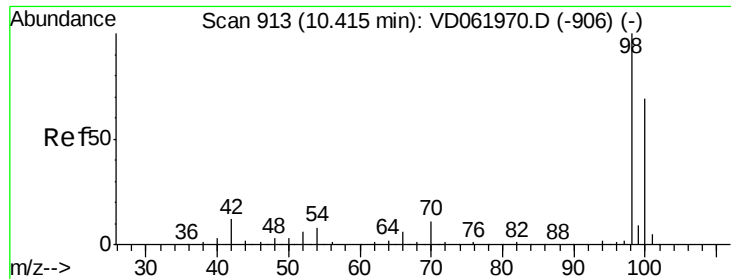


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

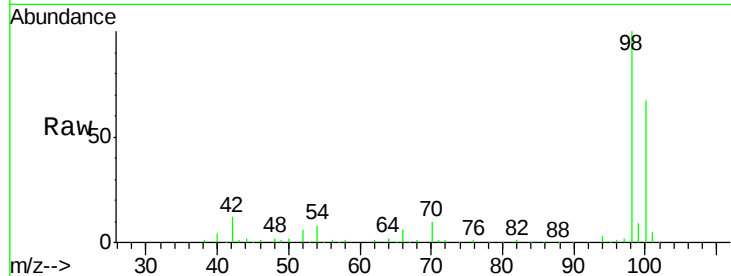




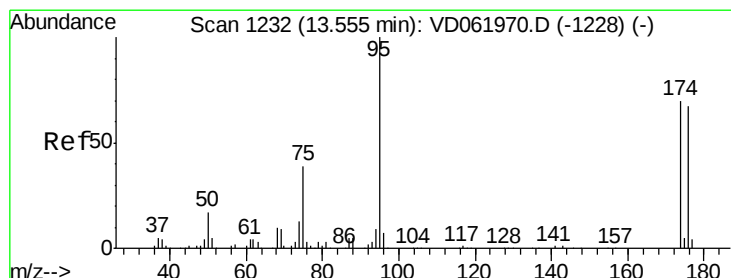
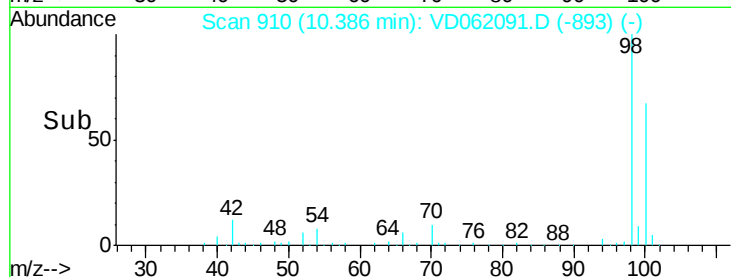
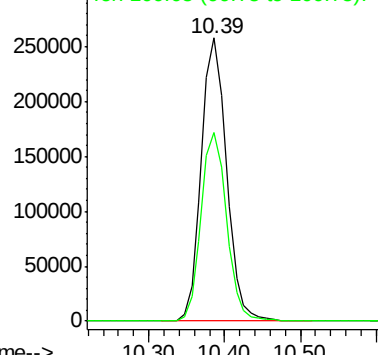
#50
Toluene-d8
Concen: 56.188 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062091.D
Acq: 30 Apr 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tot Ion: 98 Resp: 595759
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.8

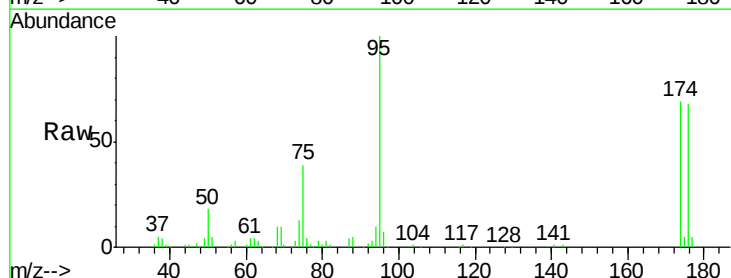


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

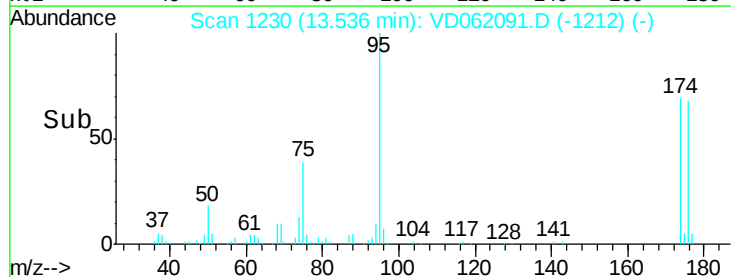
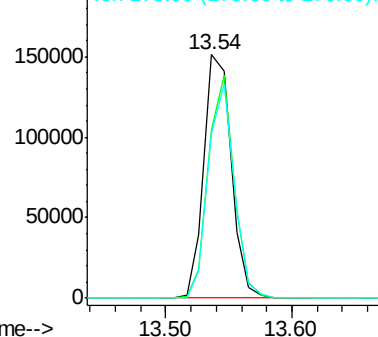


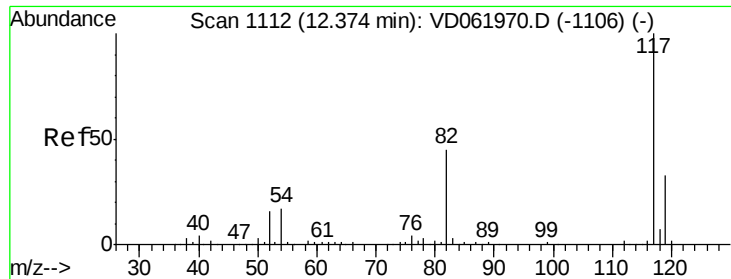
#62
4-Bromofluorobenzene
Concen: 53.277 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062091.D
Acq: 30 Apr 2019 17:02

Tgt Ion: 95 Resp: 226577
Ion Ratio Lower Upper
95 100
174 69.0 0.0 181.8
176 67.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

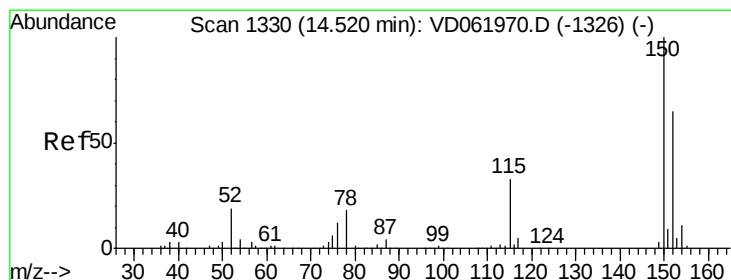
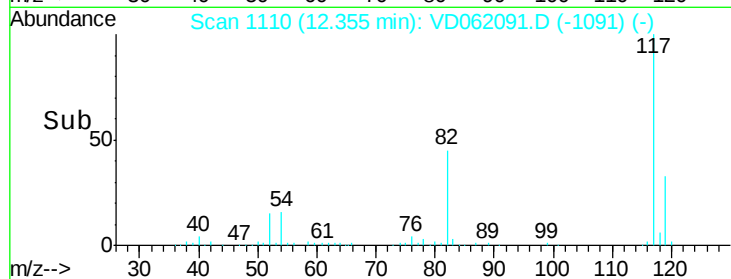
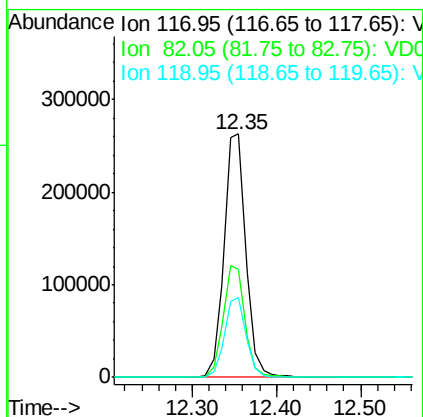
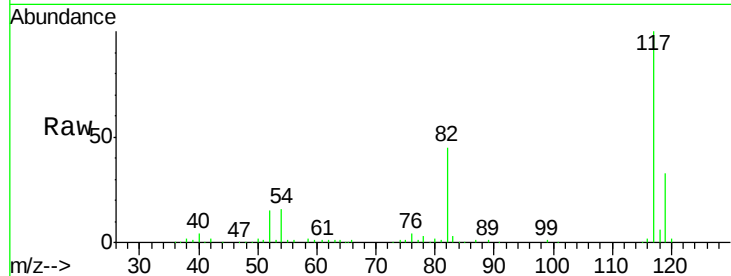




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062091.D
Acq: 30 Apr 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tot Ion:117 Resp: 471891
Ion Ratio Lower Upper
117 100
82 44.5 36.2 54.2
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062091.D
Acq: 30 Apr 2019 17:02

Tgt Ion:152 Resp: 196976
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.7
150 154.5 0.0 314.8

