

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060818.D
 Acq On : 1 Feb 2019 14:42
 Operator : VA/AP
 Sample : K1284-02RE
 Misc : 4.39g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-004-ABCDRE

Quant Time: Feb 02 01:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.76	168	551097	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.96	114	746724	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	642047	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.30	152	342188	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.19	65	348495	41.25	ug/l	-0.03
Spiked Amount			Recovery	=	82.50%	
35) Dibromofluoromethane	6.66	113	279033	38.96	ug/l	-0.02
Spiked Amount			Recovery	=	77.92%	
50) Toluene-d8	10.16	98	617635	36.93	ug/l	-0.03
Spiked Amount			Recovery	=	73.86%	
62) 4-Bromofluorobenzene	13.34	95	334381	39.78	ug/l	-0.02
Spiked Amount			Recovery	=	79.56%	

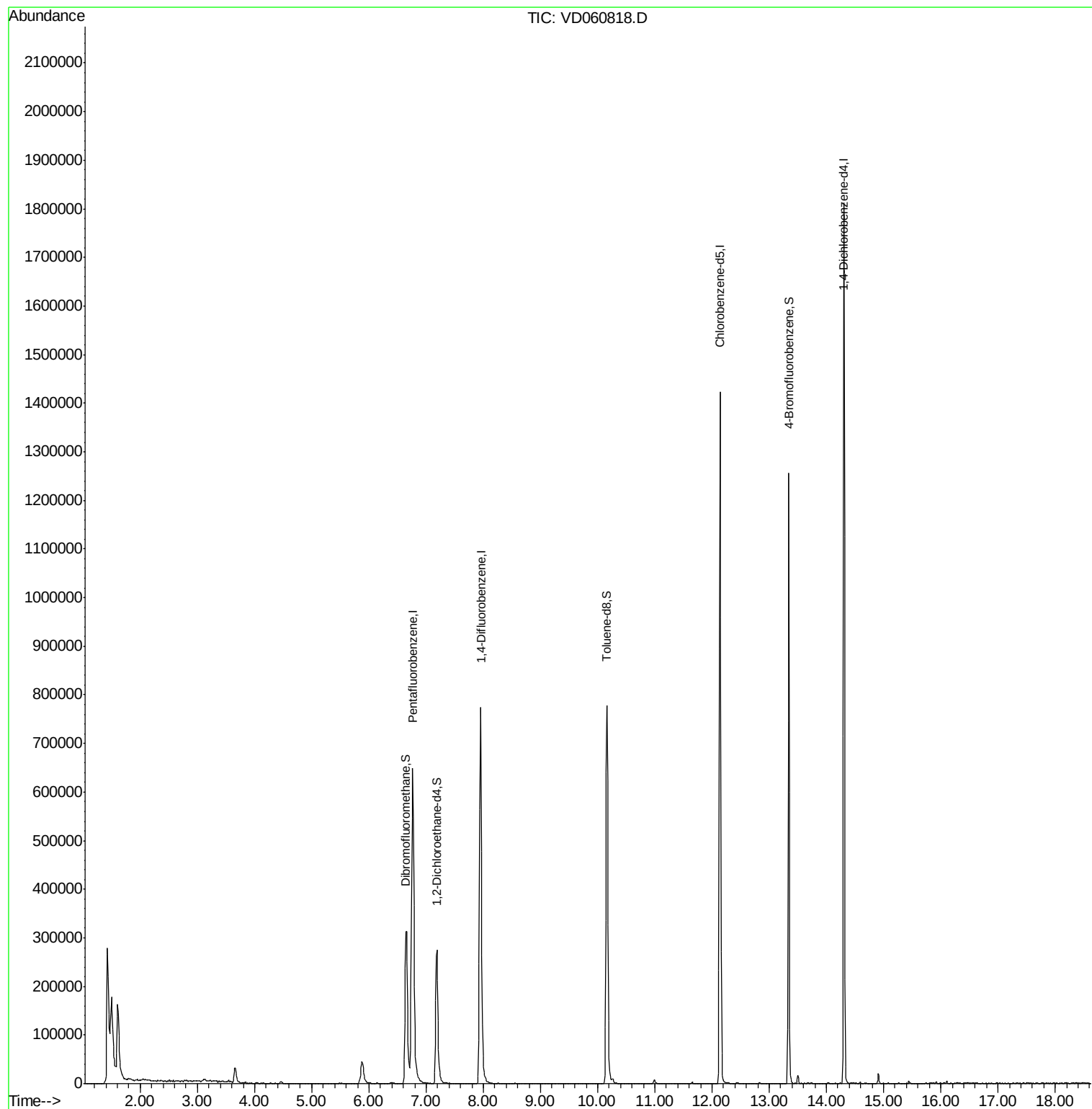
Target Compounds	Qvalue
------------------	--------

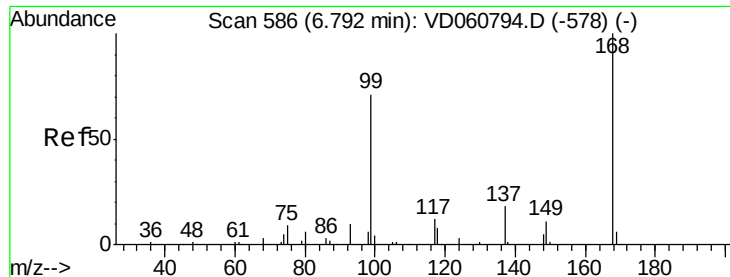
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020119\
Data File : VD060818.D
Acq On : 1 Feb 2019 14:42
Operator : VA/AP
Sample : K1284-02RE
Misc : 4.39g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-004-ABCDRE

Quant Time: Feb 02 01:32:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.76 min Scan# 583

Delta R.T. -0.03 min

Lab File: VD060818.D

Acq: 1 Feb 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

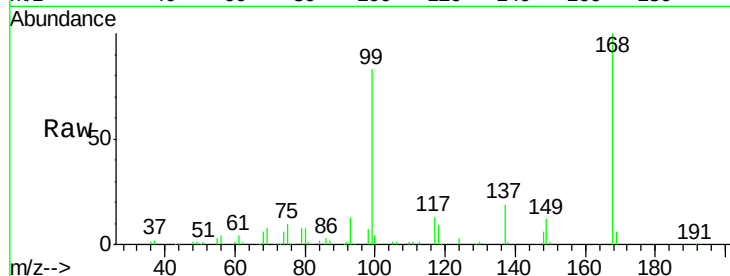
FK-BPM-03-004-ABCDRE

Tot Ion:168 Resp: 551097

Ion Ratio Lower Upper

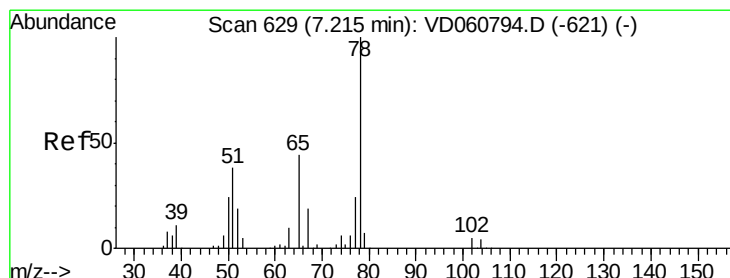
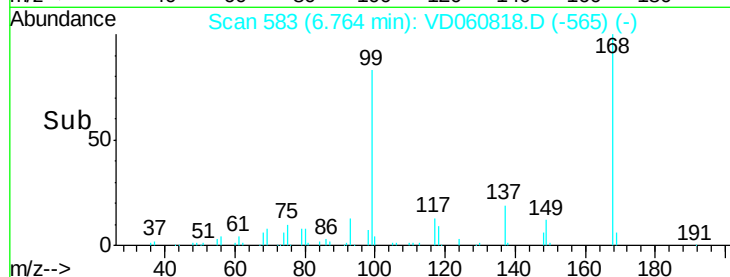
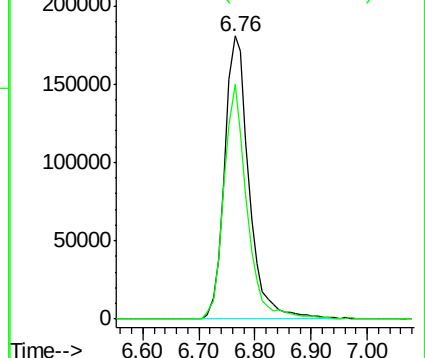
168 100

99 82.7 59.2 88.8



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: N.D. ug/l

RT: 7.19 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD060818.D

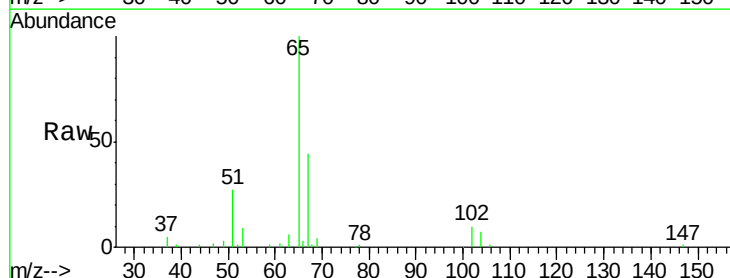
Acq: 1 Feb 2019 14:42

Tgt Ion: 65 Resp: 348495

Ion Ratio Lower Upper

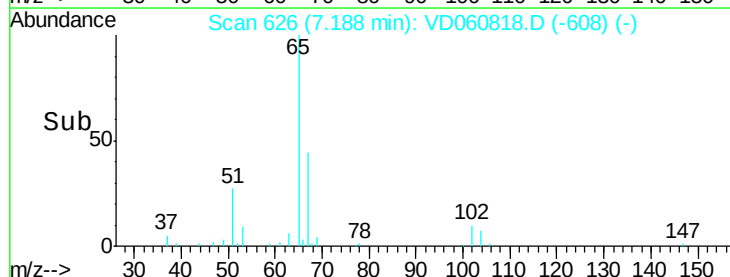
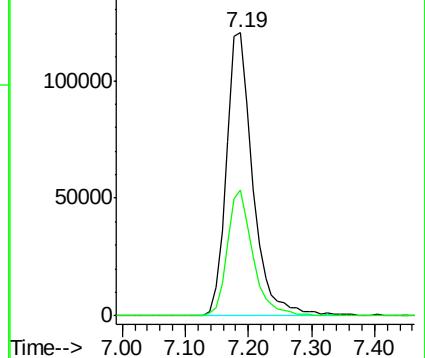
65 100

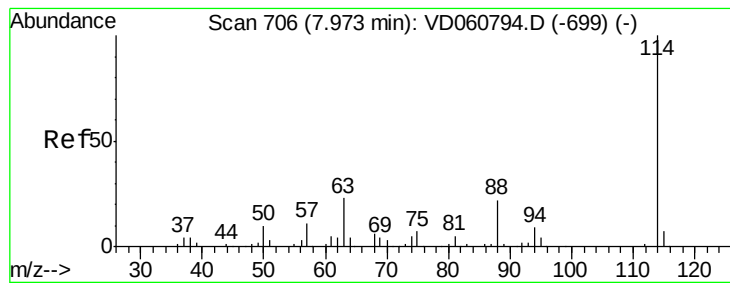
67 44.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 704

Delta R.T. -0.02 min

Lab File: VD060818.D

Acq: 1 Feb 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-004-ABCDRE

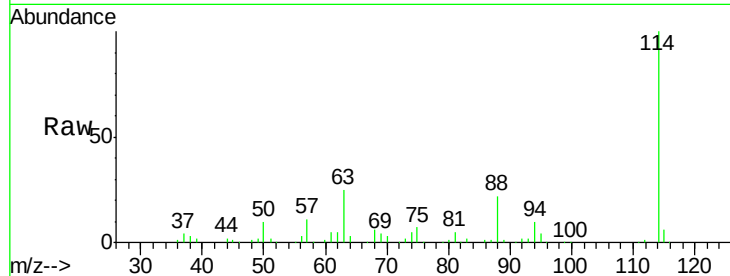
Tot Ion:114 Resp: 746724

Ion Ratio Lower Upper

114 100

63 25.5 0.0 46.6

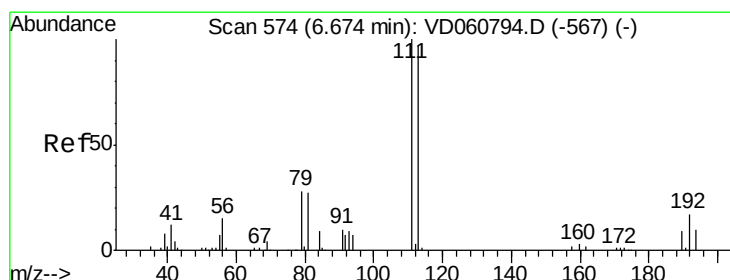
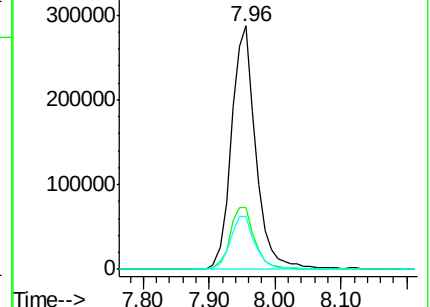
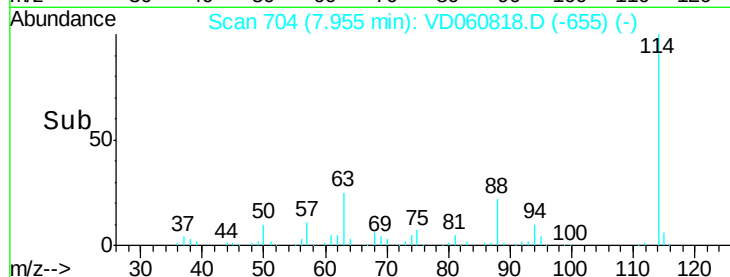
88 21.6 0.0 44.0



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: 6.66 min Scan# 572

Delta R.T. -0.02 min

Lab File: VD060818.D

Acq: 1 Feb 2019 14:42

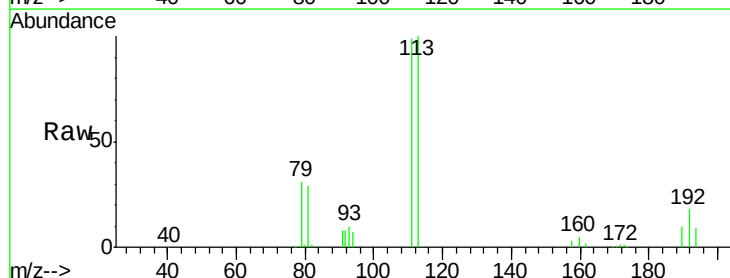
Tgt Ion:113 Resp: 279033

Ion Ratio Lower Upper

113 100

111 98.9 82.3 123.5

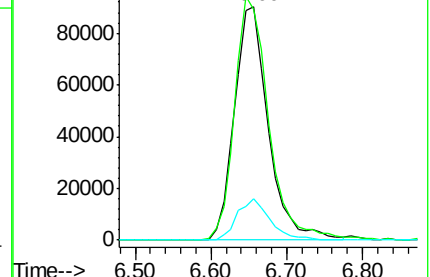
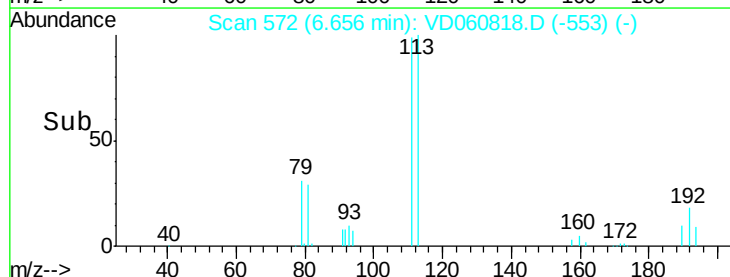
192 17.7 14.4 21.6

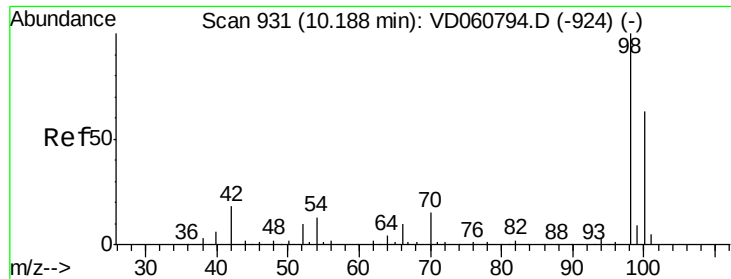


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

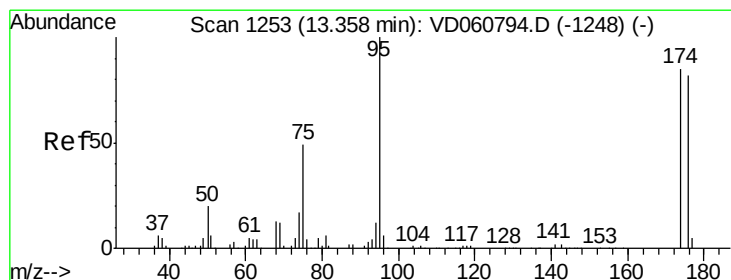
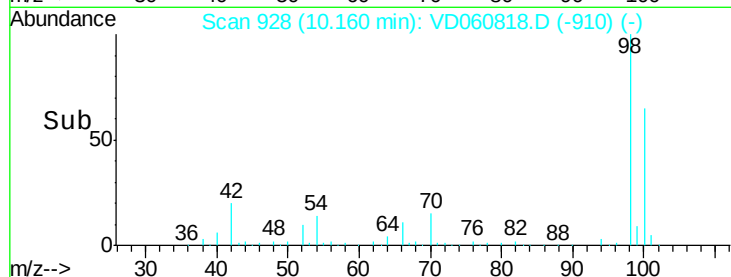
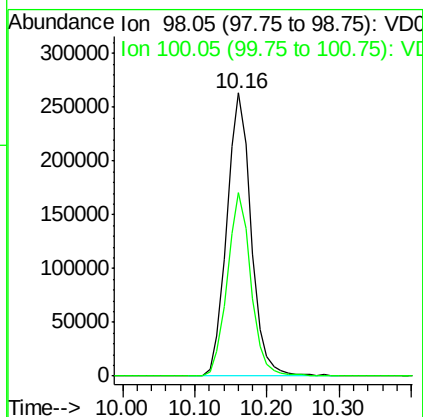
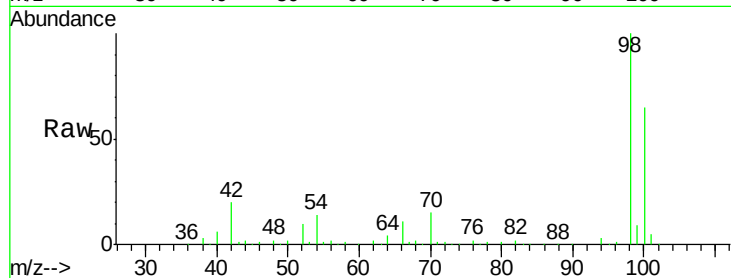




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.16 min Scan# 928
Delta R.T. -0.03 min
Lab File: VD060818.D
Acq: 1 Feb 2019 14:42

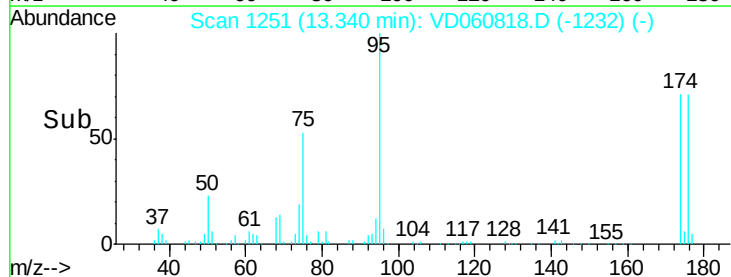
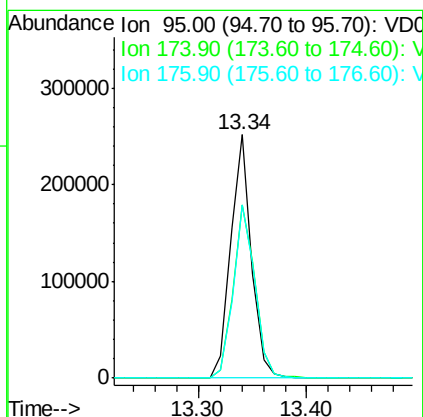
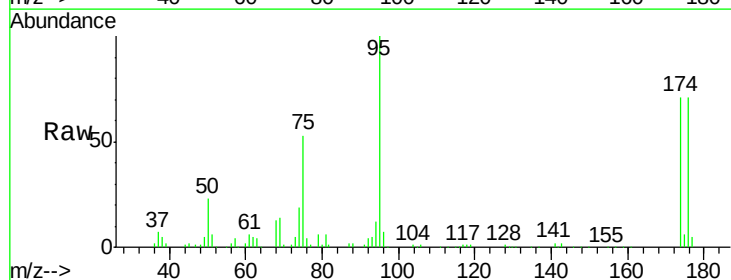
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-004-ABCDRE

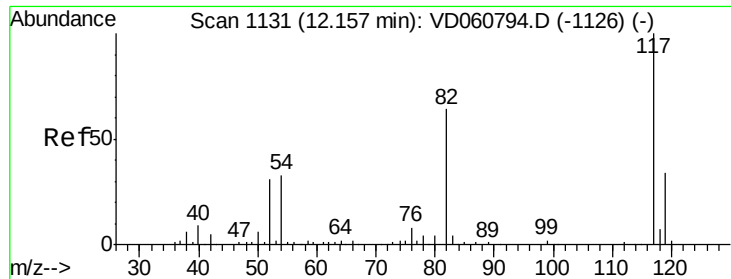
Tot Ion: 98 Resp: 617635
Ion Ratio Lower Upper
98 100
100 64.9 51.0 76.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.34 min Scan# 1251
Delta R.T. -0.02 min
Lab File: VD060818.D
Acq: 1 Feb 2019 14:42

Tgt Ion: 95 Resp: 334381
Ion Ratio Lower Upper
95 100
174 71.4 0.0 169.6
176 71.2 0.0 163.8

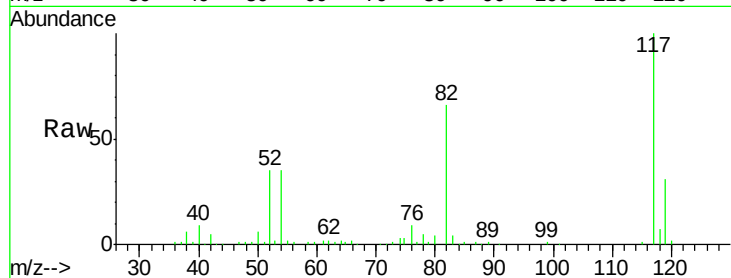




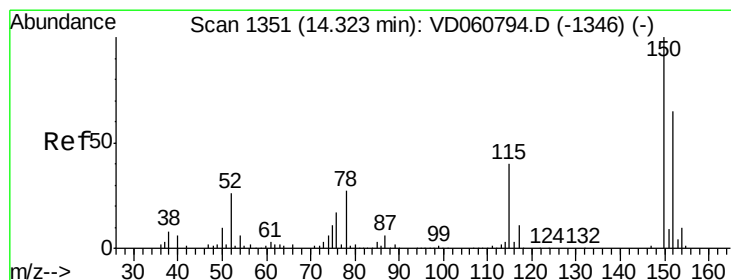
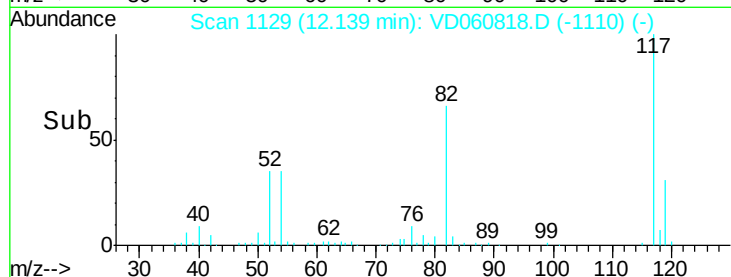
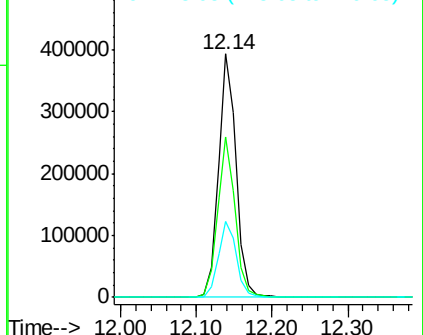
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.14 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VD060818.D
Acq: 1 Feb 2019 14:42

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-004-ABCDRE

Tot Ion:117 Resp: 642047
Ion Ratio Lower Upper
117 100
82 65.7 51.5 77.3
119 31.1 27.1 40.7

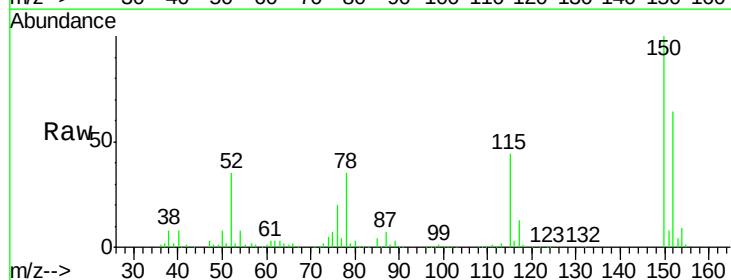


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.30 min Scan# 1349
Delta R.T. -0.02 min
Lab File: VD060818.D
Acq: 1 Feb 2019 14:42

Tgt Ion:152 Resp: 342188
Ion Ratio Lower Upper
152 100
115 67.7 31.6 95.0
150 155.3 0.0 317.6



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

