

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060820.D
 Acq On : 1 Feb 2019 15:39
 Operator : VA/AP
 Sample : K1297-01RE
 Misc : 4.33g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C17-SSIRE

Quant Time: Feb 02 01:42:56 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

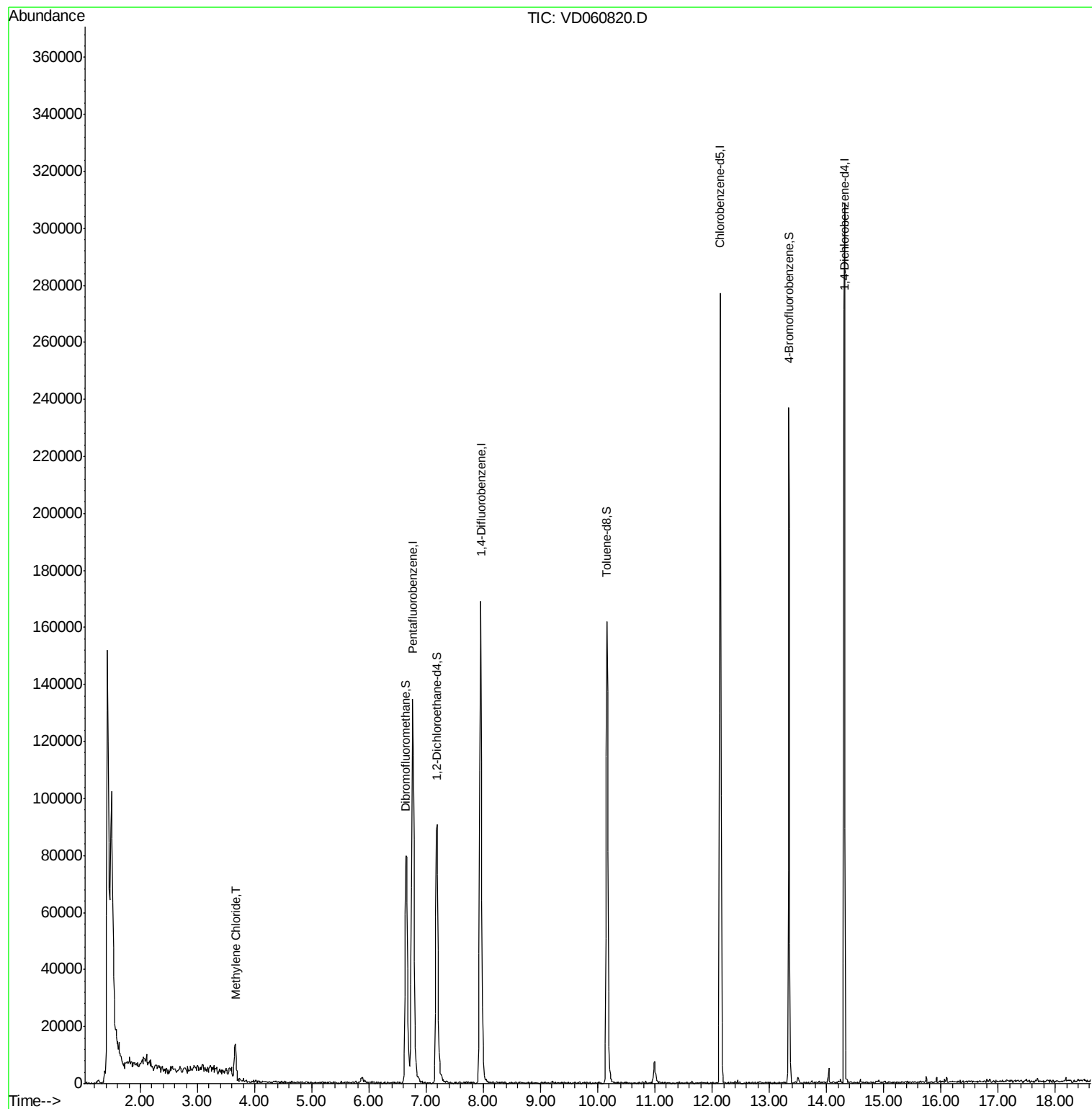
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.76	168	116244	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.95	114	158677	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	132160	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.31	152	61432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.19	65	119295	66.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	133.88%	
35) Dibromofluoromethane	6.64	113	71867	47.23	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	10.16	98	122973	34.60	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	69.20%	
62) 4-Bromofluorobenzene	13.34	95	64901	36.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.68%	
Target Compounds						
20) Methylene Chloride	3.66	84	6394	1.084	ug/l #	72

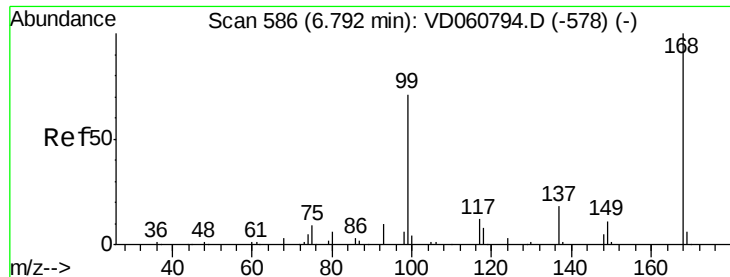
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020119\
Data File : VD060820.D
Acq On : 1 Feb 2019 15:39
Operator : VA/AP
Sample : K1297-01RE
Misc : 4.33g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A0C17-SSIRE

Quant Time: Feb 02 01:42:56 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: VD060820.D

Acq: 1 Feb 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

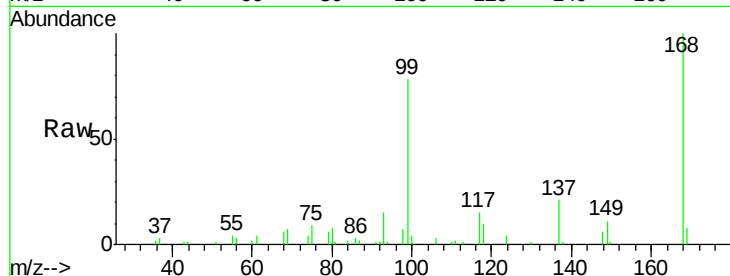
A0C17-SSIRE

Tot Ion:168 Resp: 116244

Ion Ratio Lower Upper

168 100

99 77.9 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.76

40000

30000

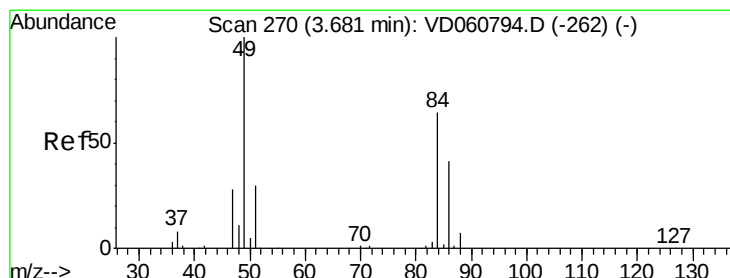
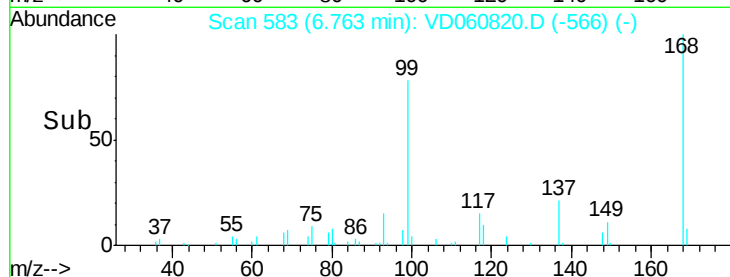
20000

10000

0

Time-->

6.70 6.80 6.90



#20

Methylene Chloride

Concen: 1.084 ug/l

RT: 3.66 min Scan# 268

Delta R.T. -0.02 min

Lab File: VD060820.D

Acq: 1 Feb 2019 15:39

Tgt Ion: 84 Resp: 6394

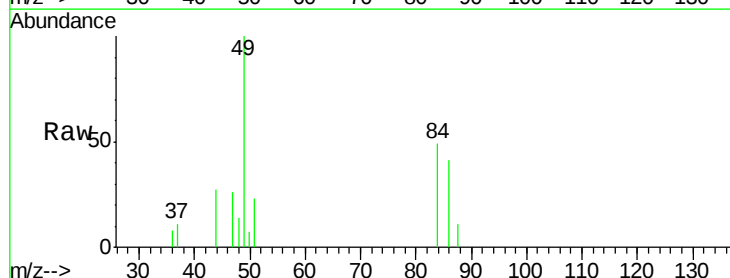
Ion Ratio Lower Upper

84 100

49 203.0 124.2 186.2#

51 46.8 38.1 57.1

86 82.7 50.6 76.0#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

6000

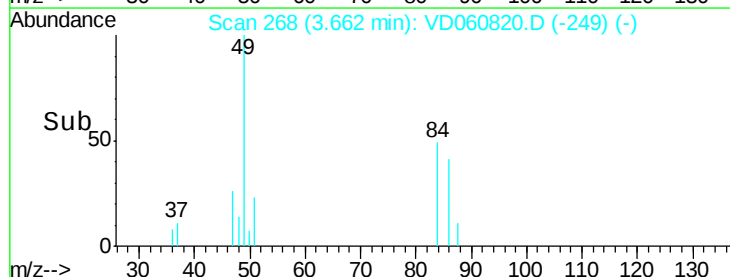
4000

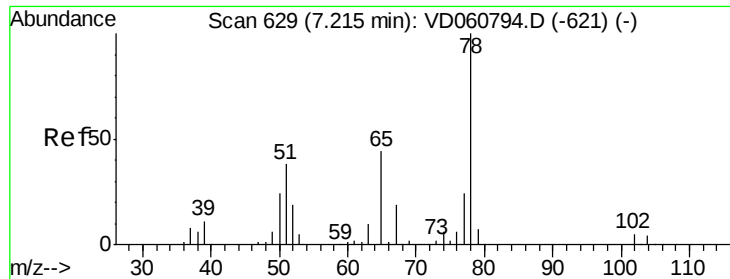
2000

0

Time-->

3.55 3.60 3.65 3.70 3.75





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.19 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD060820.D

Acq: 1 Feb 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

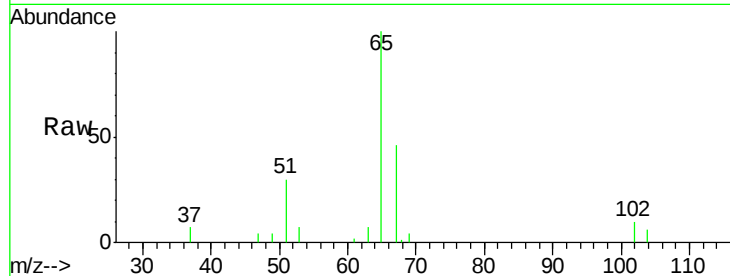
A0C17-SSIRE

Tot Ion: 65 Resp: 119295

Ion Ratio Lower Upper

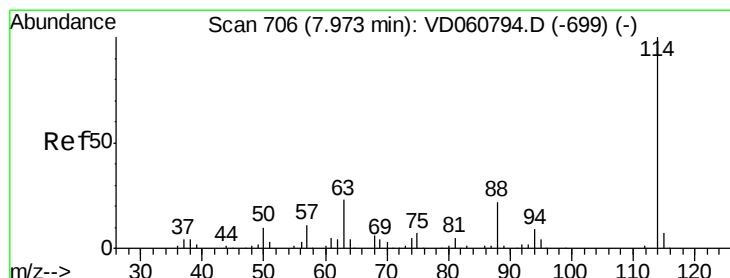
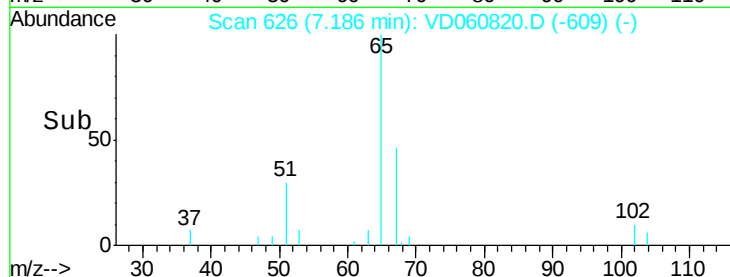
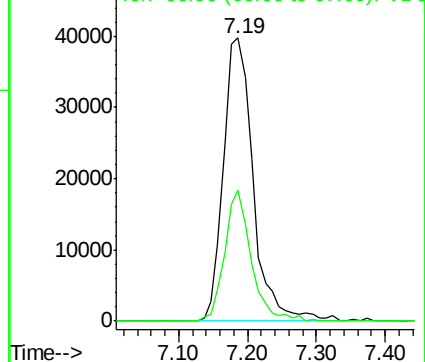
65 100

67 46.4 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: 7.95 min Scan# 704

Delta R.T. -0.02 min

Lab File: VD060820.D

Acq: 1 Feb 2019 15:39

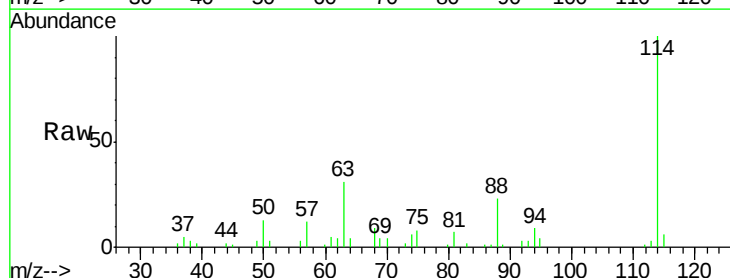
Tgt Ion: 114 Resp: 158677

Ion Ratio Lower Upper

114 100

63 31.1 0.0 46.6

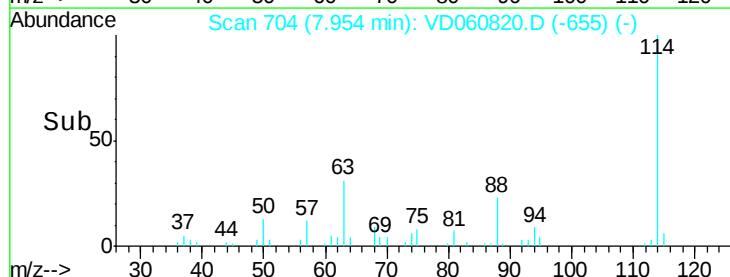
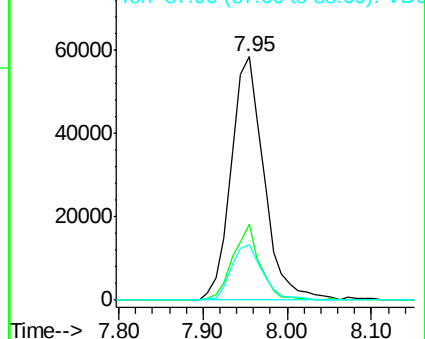
88 22.5 0.0 44.0

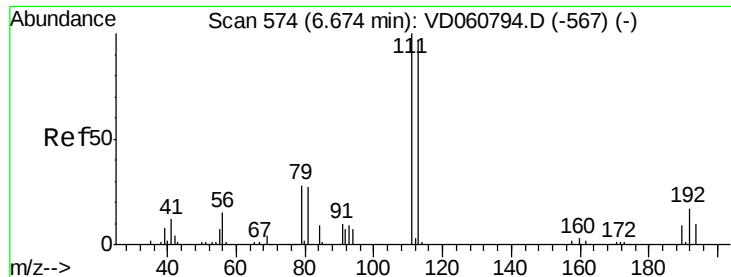


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.64 min Scan# 571

Delta R.T. -0.03 min

Lab File: VD060820.D

Acq: 1 Feb 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

A0C17-SSIRE

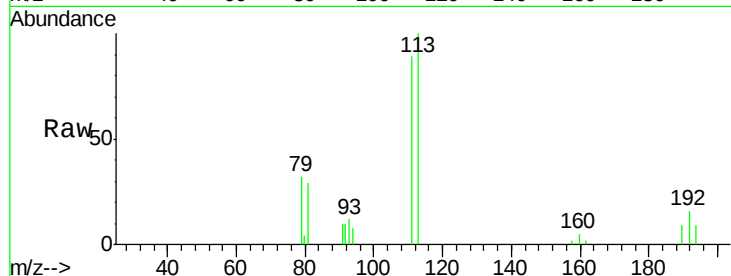
Tot Ion:113 Resp: 71867

Ion Ratio Lower Upper

113 100

111 89.4 82.3 123.5

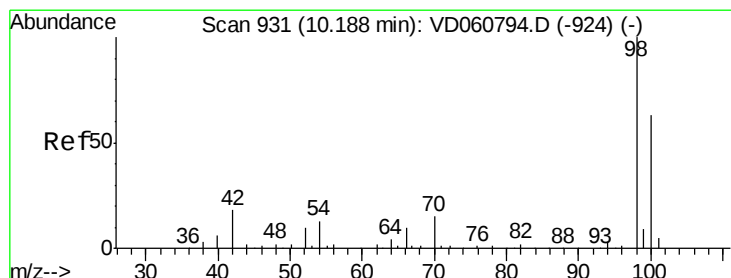
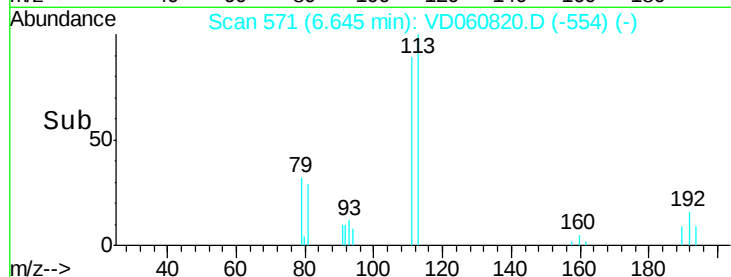
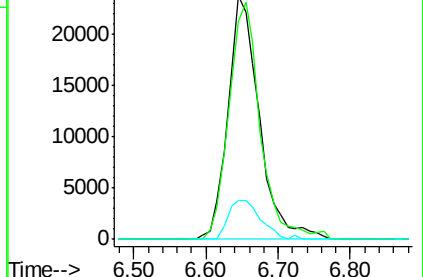
192 15.9 14.4 21.6



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: VD060820.D

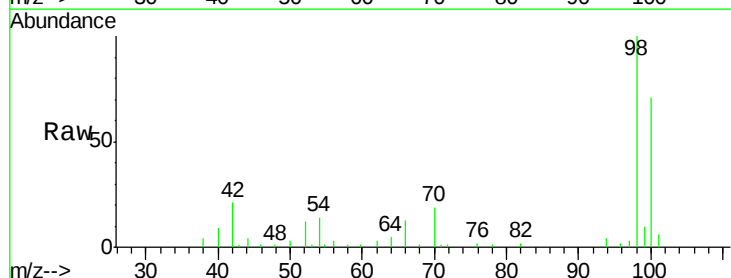
Acq: 1 Feb 2019 15:39

Tgt Ion: 98 Resp: 122973

Ion Ratio Lower Upper

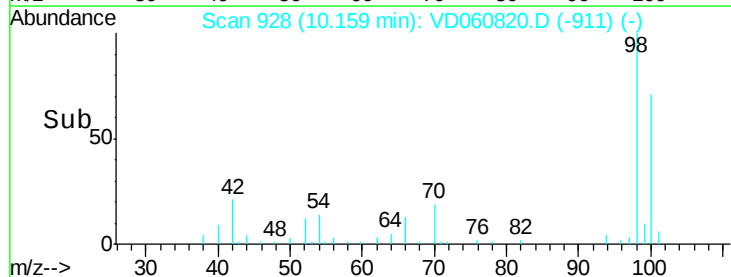
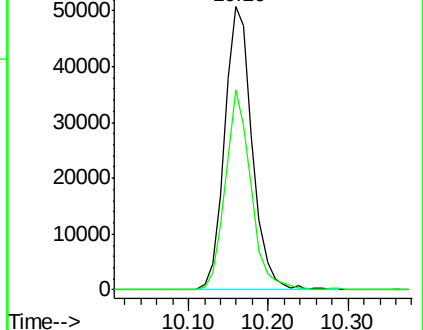
98 100

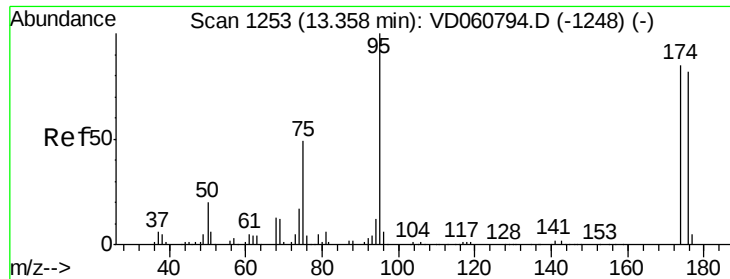
100 70.7 51.0 76.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.34 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VD060820.D

Acq: 1 Feb 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

A0C17-SSIRE

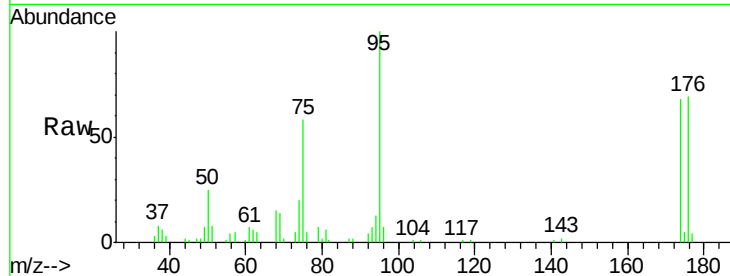
Tot Ion: 95 Resp: 64901

Ion Ratio Lower Upper

95 100

174 68.0 0.0 169.6

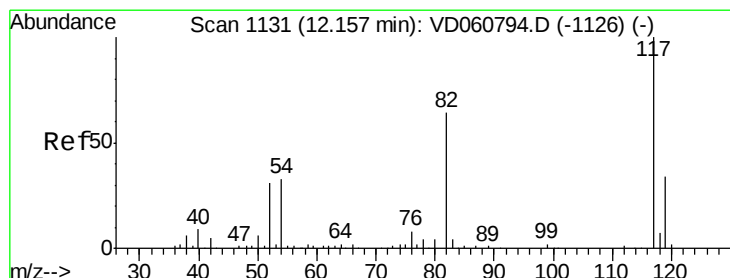
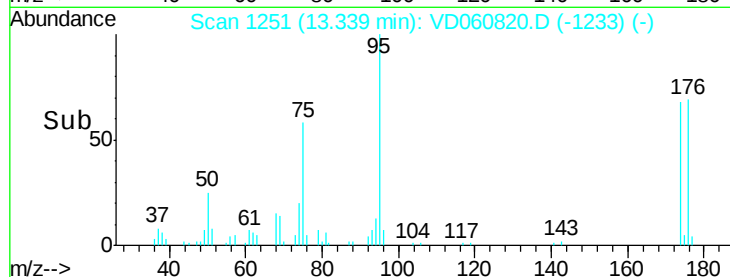
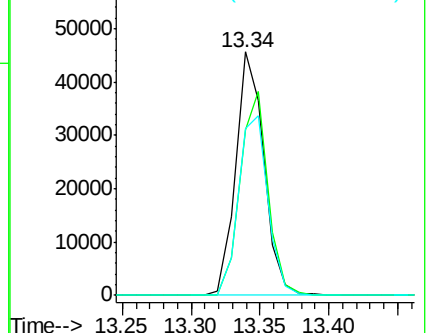
176 68.6 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.14 min Scan# 1129

Delta R.T. -0.02 min

Lab File: VD060820.D

Acq: 1 Feb 2019 15:39

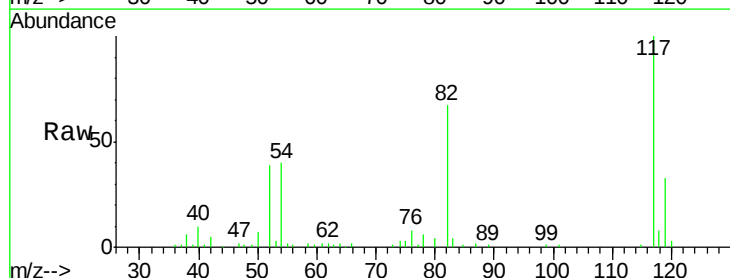
Tgt Ion: 117 Resp: 132160

Ion Ratio Lower Upper

117 100

82 67.0 51.5 77.3

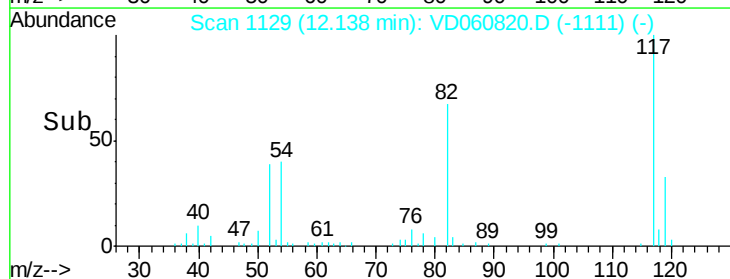
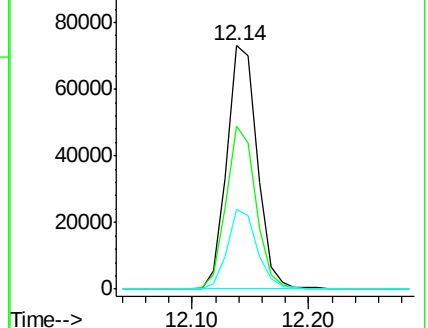
119 32.9 27.1 40.7

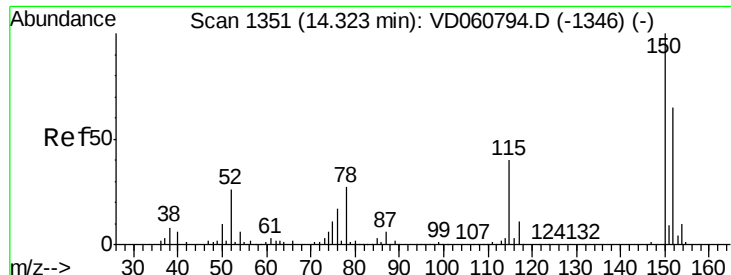


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

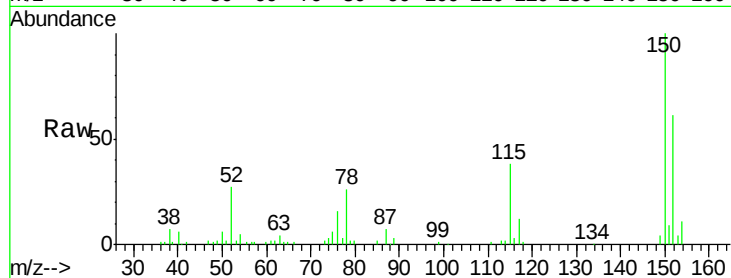




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.31 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: VD060820.D
 Acq: 1 Feb 2019 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C17-SSIRE

Tot Ion:152 Resp: 61432
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.6 95.0
 150 163.0 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

