

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060800.D
 Acq On : 30 Jan 2019 12:27
 Operator : VA/AP
 Sample : VD0130SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Quant Time: Jan 31 06:55:39 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	6.82	168	603447	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.00	114	852537	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.17	117	686694	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.33	152	354291	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.24	65	457564	49.46	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	6.70	113	386561	47.28	ug/l	0.03
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.21	98	874944	45.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	13.36	95	430643	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

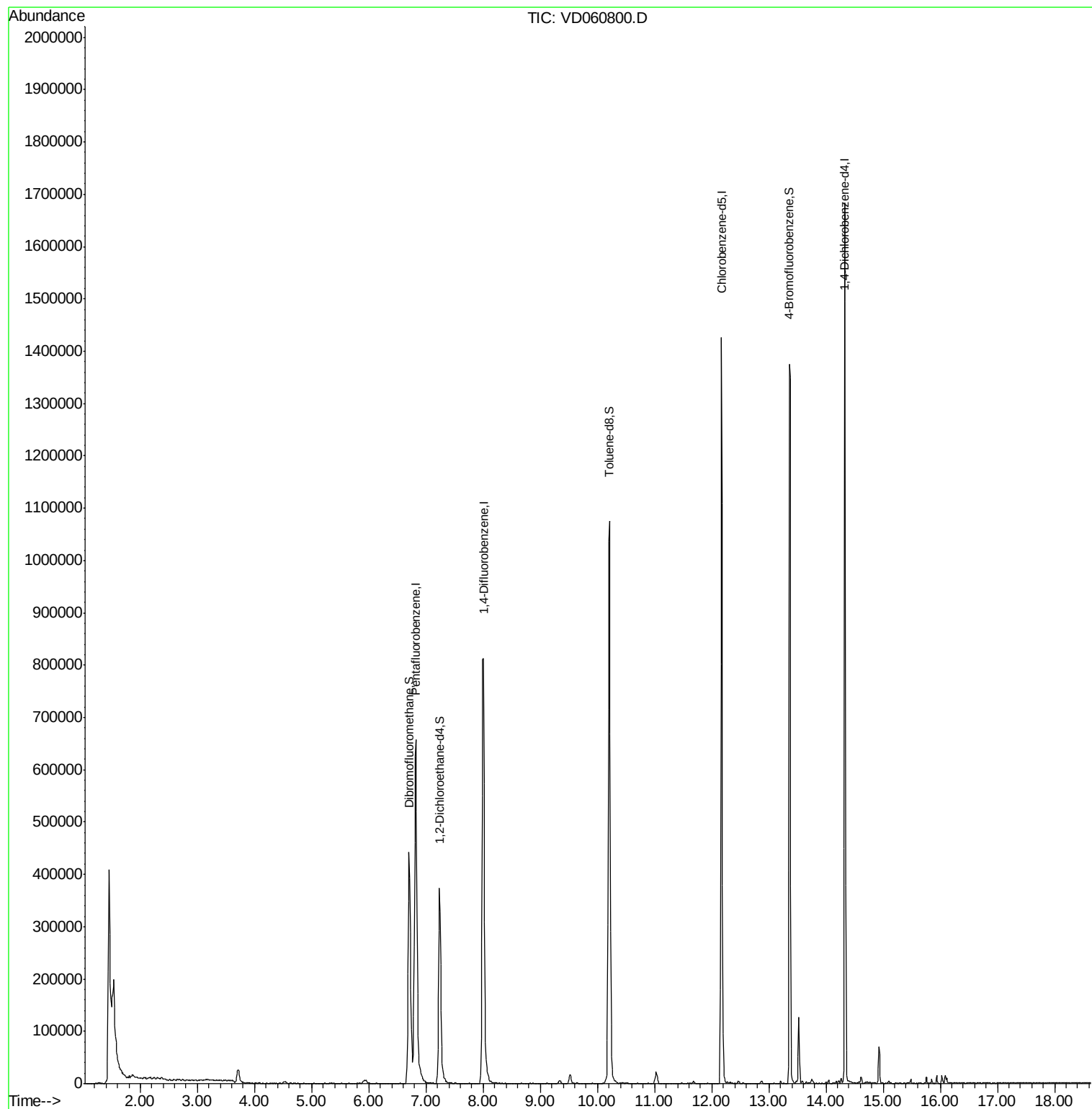
Target Compounds	Qvalue

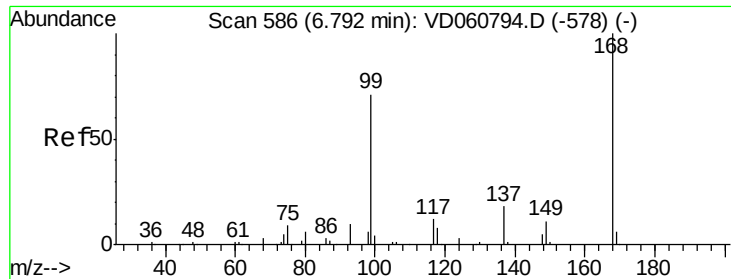
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.82 min Scan# 589

Delta R.T. 0.03 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

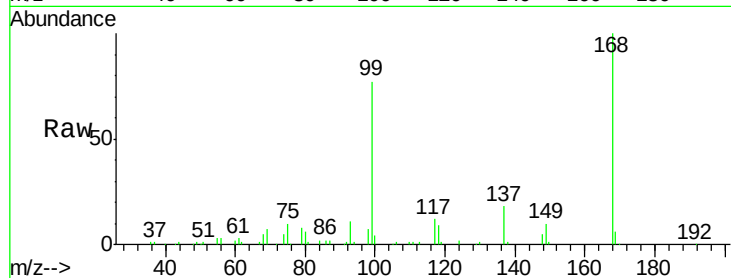
VD0130SBL01

Tot Ion:168 Resp: 603447

Ion Ratio Lower Upper

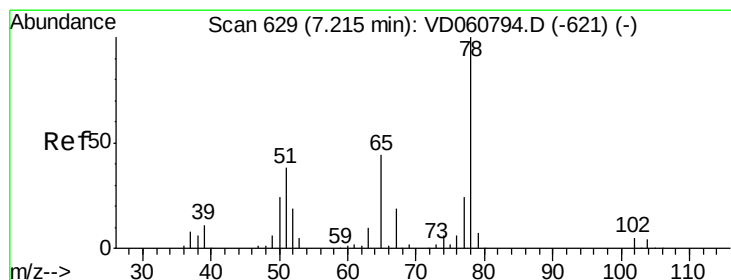
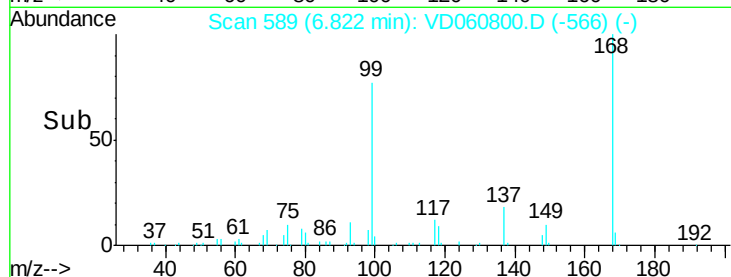
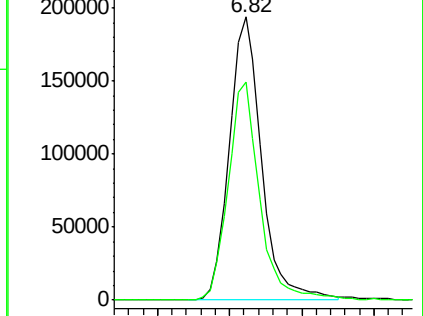
168 100

99 77.3 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: 7.24 min Scan# 631

Delta R.T. 0.02 min

Lab File: VD060800.D

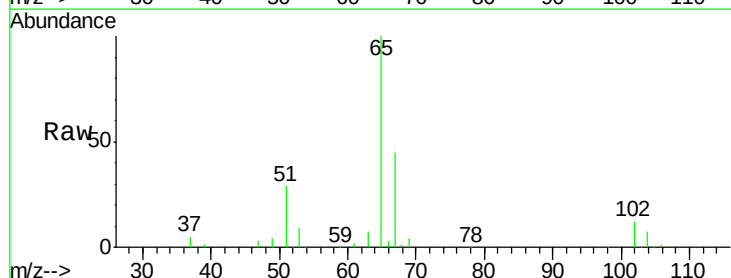
Acq: 30 Jan 2019 12:27

Tgt Ion: 65 Resp: 457564

Ion Ratio Lower Upper

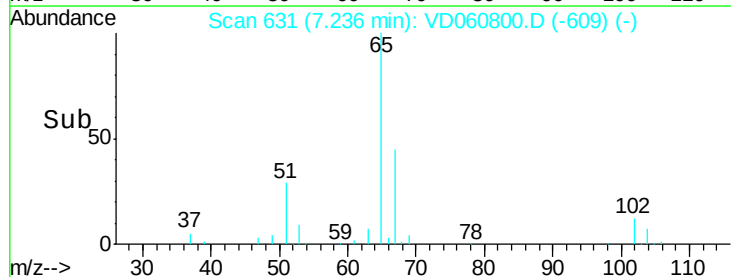
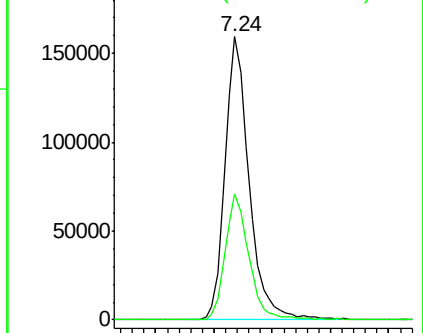
65 100

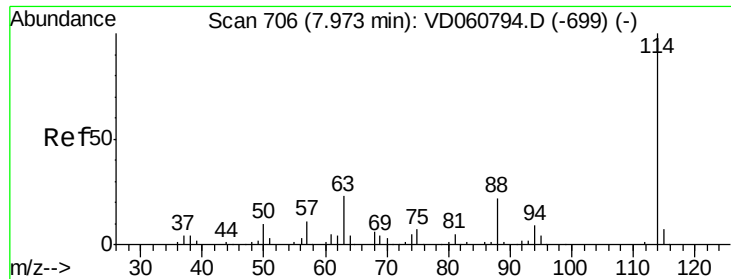
67 44.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

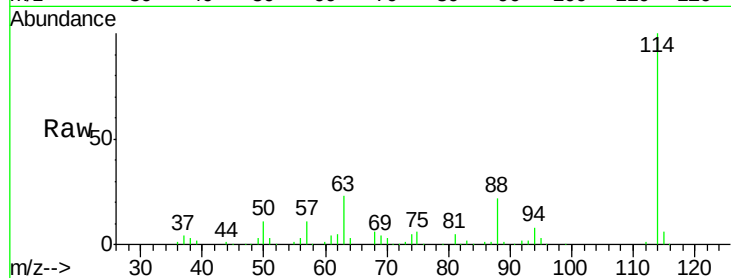




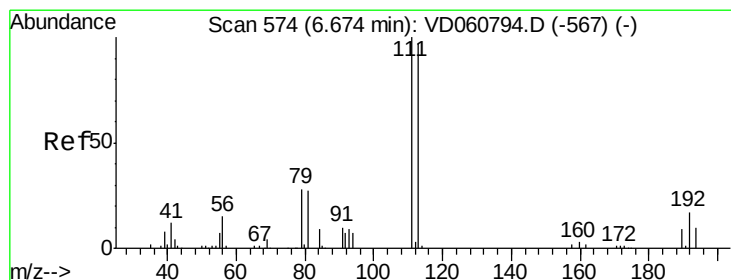
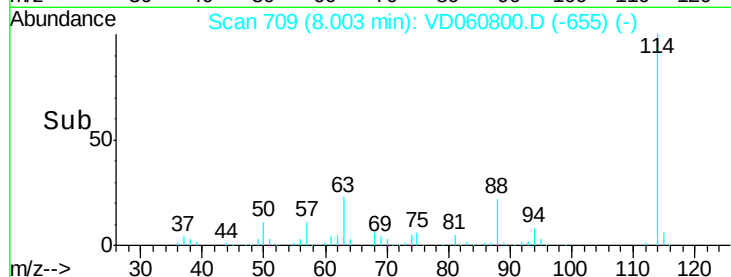
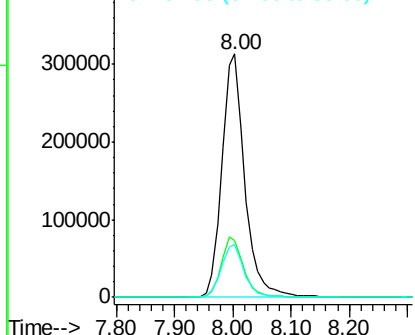
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.00 min Scan# 709
 Delta R.T. 0.03 min
 Lab File: VD060800.D
 Acq: 30 Jan 2019 12:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Tot Ion:114 Resp: 852537
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 21.5 0.0 44.0

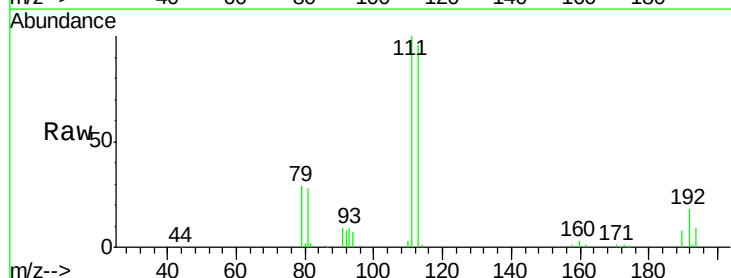


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

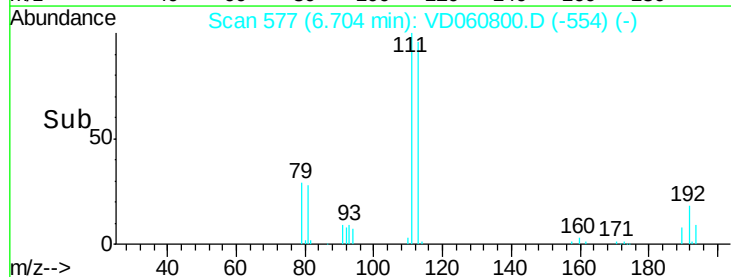
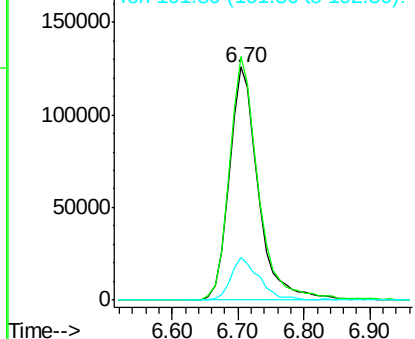


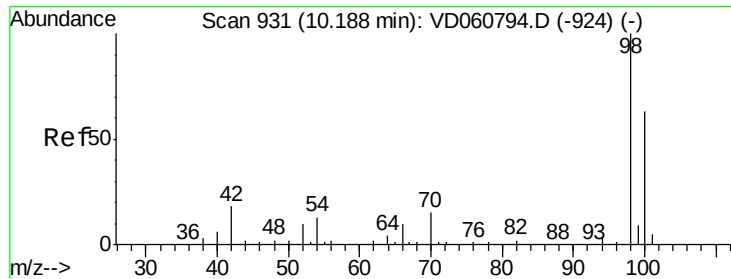
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 577
 Delta R.T. 0.03 min
 Lab File: VD060800.D
 Acq: 30 Jan 2019 12:27

Tgt Ion:113 Resp: 386561
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 18.6 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

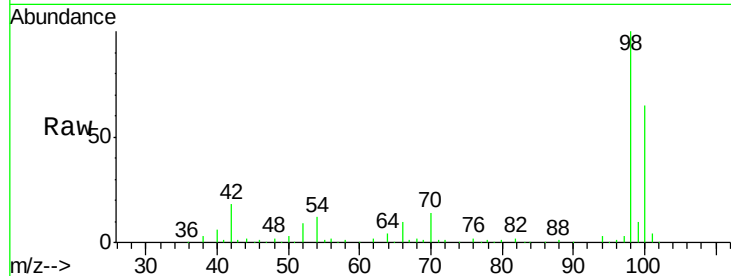




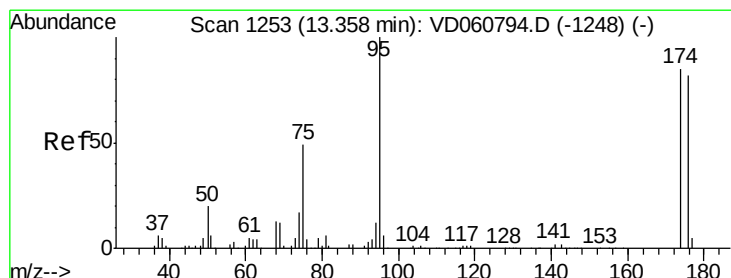
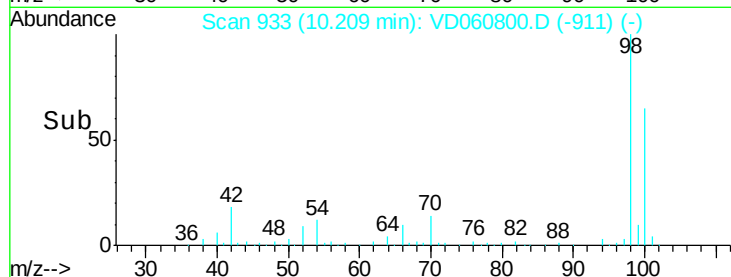
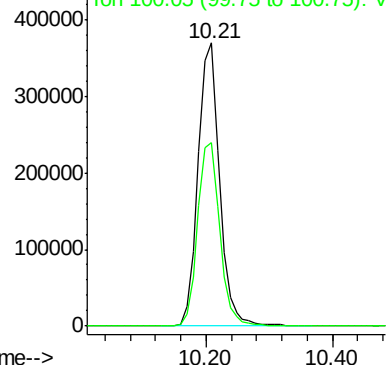
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.21 min Scan# 933
Delta R.T. 0.02 min
Lab File: VD060800.D
Acq: 30 Jan 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Tot Ion: 98 Resp: 874944
Ion Ratio Lower Upper
98 100
100 65.0 51.0 76.6

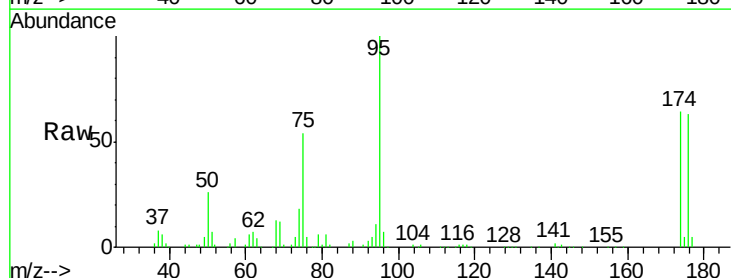


Abundance Ion 98.05 (97.75 to 98.75): VD060794.D (-924) (-)
Ion 100.05 (99.75 to 100.75): VD060800.D (-911) (-)

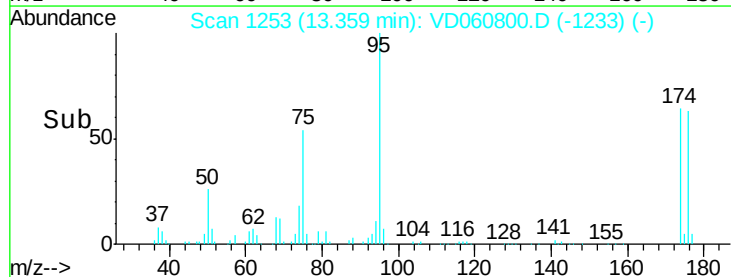
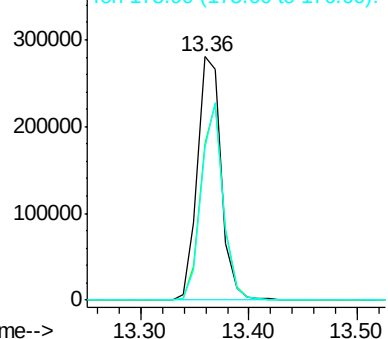


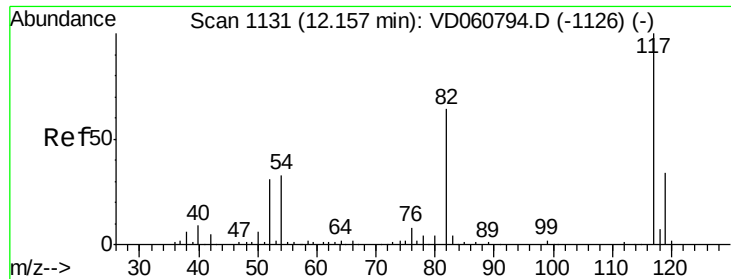
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.36 min Scan# 1253
Delta R.T. 0.00 min
Lab File: VD060800.D
Acq: 30 Jan 2019 12:27

Tgt Ion: 95 Resp: 430643
Ion Ratio Lower Upper
95 100
174 64.1 0.0 169.6
176 62.9 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VD060794.D (-1248) (-)
Ion 173.90 (173.60 to 174.60): VD060800.D (-1233) (-)
Ion 175.90 (175.60 to 176.60): VD060800.D (-1233) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.17 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

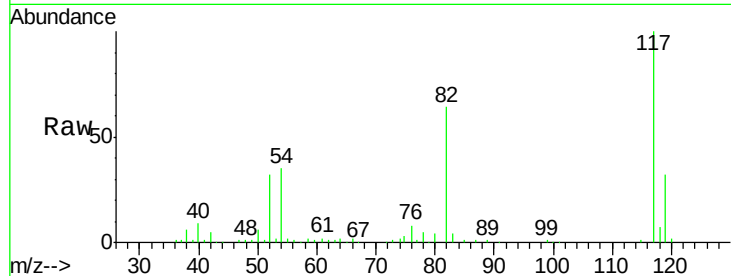
Tot Ion:117 Resp: 686694

Ion Ratio Lower Upper

117 100

82 64.2 51.5 77.3

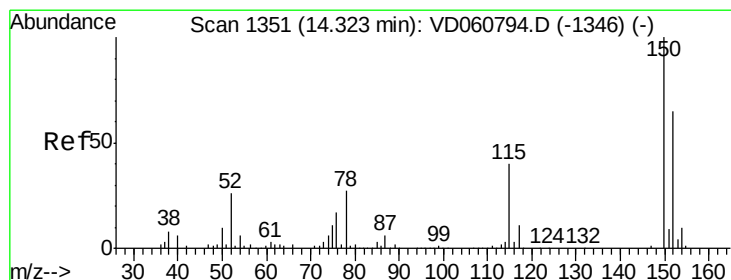
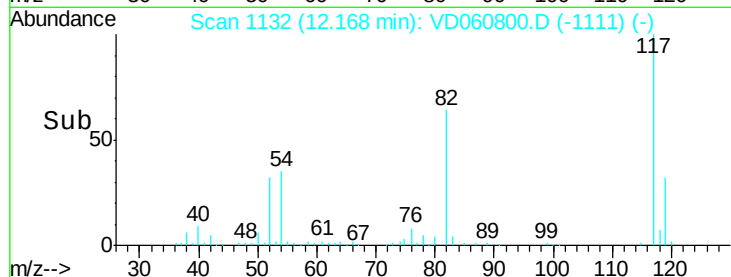
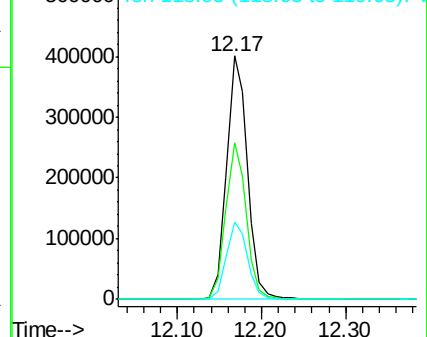
119 31.9 27.1 40.7



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: 14.33 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

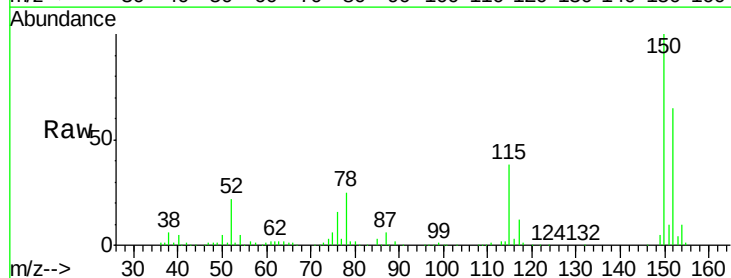
Tgt Ion:152 Resp: 354291

Ion Ratio Lower Upper

152 100

115 58.3 31.6 95.0

150 154.5 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

