

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060813.D
 Acq On : 1 Feb 2019 12:07
 Operator : VA/AP
 Sample : VD0201SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBL01

Quant Time: Feb 02 00:59:15 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	6.75	168	531732	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.94	114	741188	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.14	117	589035	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.30	152	312544	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.19	65	406568	49.87	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	6.64	113	342046	48.12	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	10.15	98	787274	47.43	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	13.34	95	397186	47.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.22%	

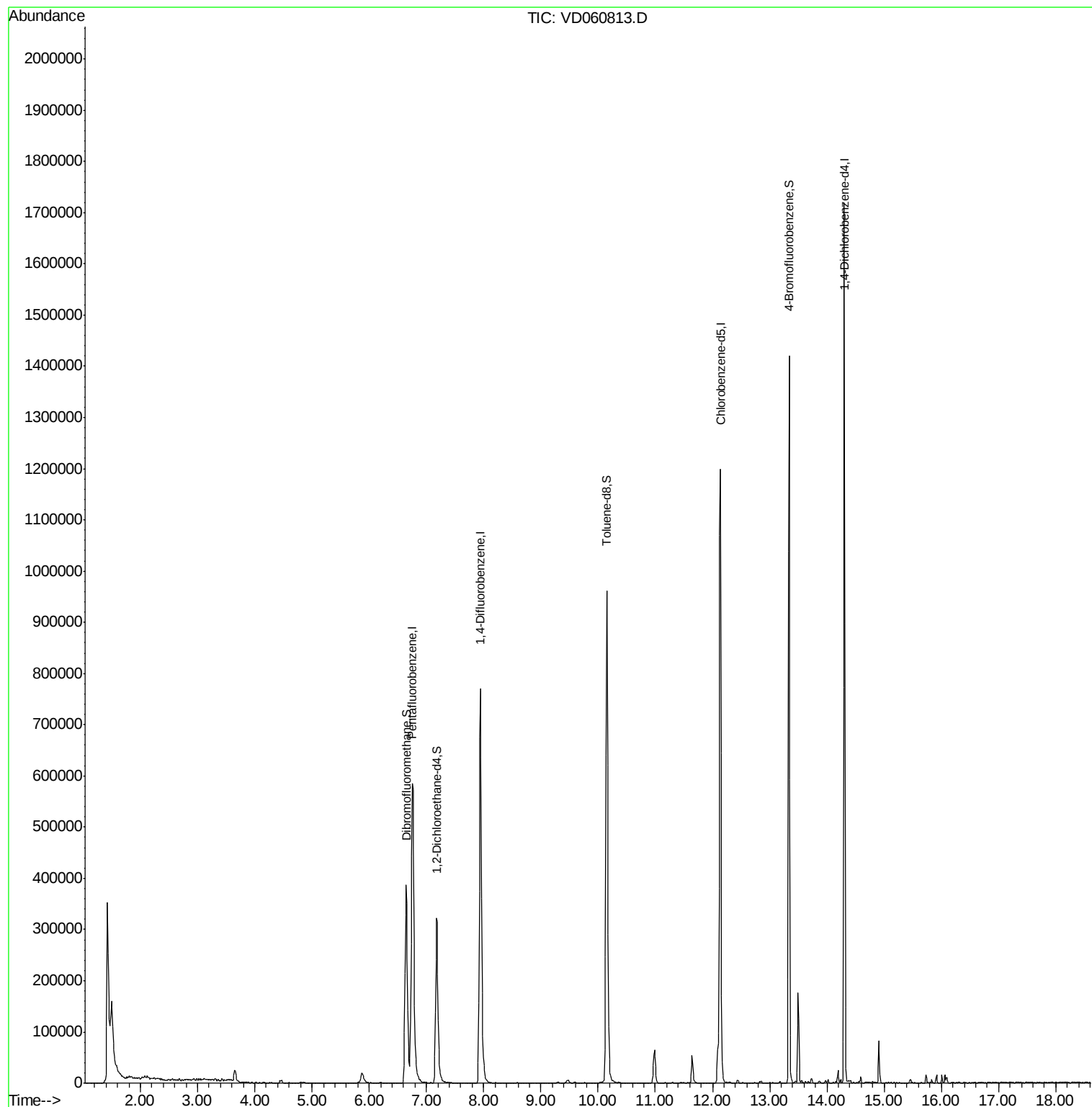
Target Compounds	Qvalue

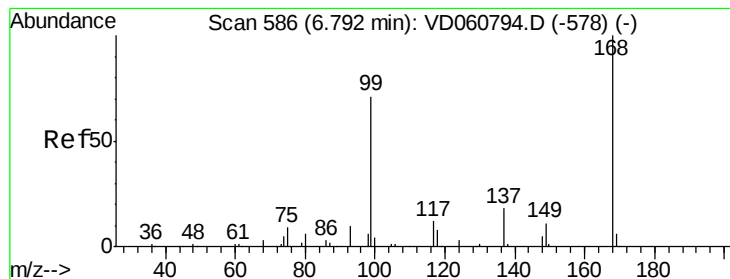
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.75 min Scan# 582

Delta R.T. -0.04 min

Lab File: VD060813.D

Acq: 1 Feb 2019 12:07

Instrument :

MSVOA_D

ClientSampleId :

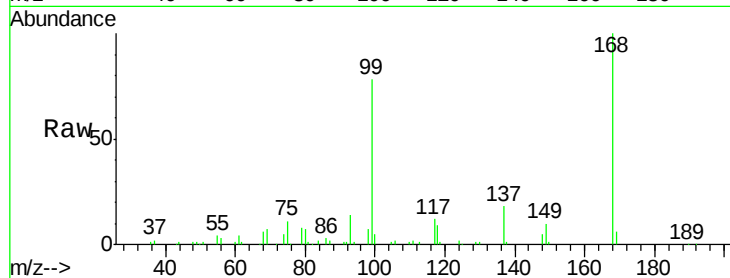
VD0201SBL01

Tot Ion:168 Resp: 531732

Ion Ratio Lower Upper

168 100

99 77.7 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.75

150000

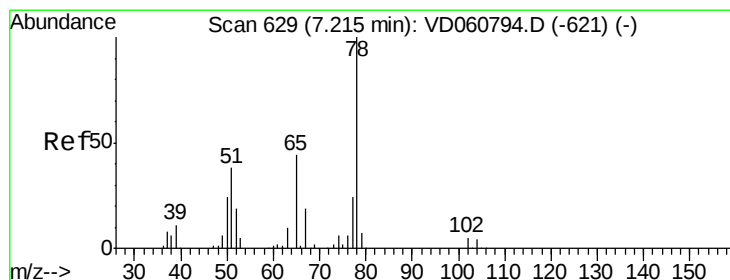
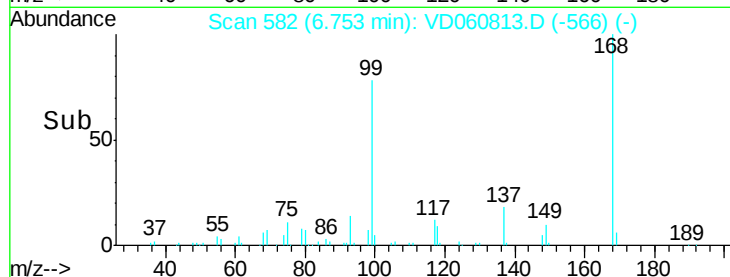
100000

50000

0

Time-->

6.60 6.70 6.80 6.90 7.00



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.19 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD060813.D

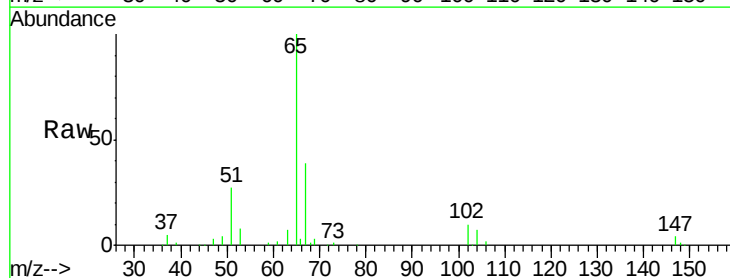
Acq: 1 Feb 2019 12:07

Tgt Ion: 65 Resp: 406568

Ion Ratio Lower Upper

65 100

67 39.4 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.19

150000

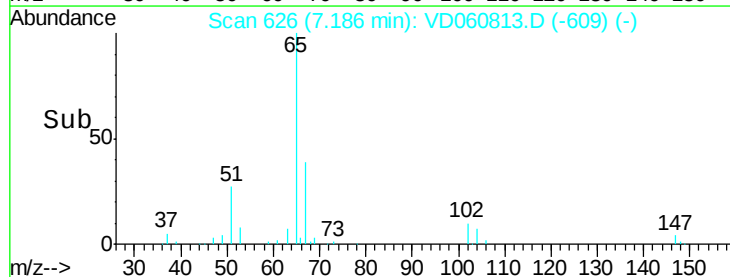
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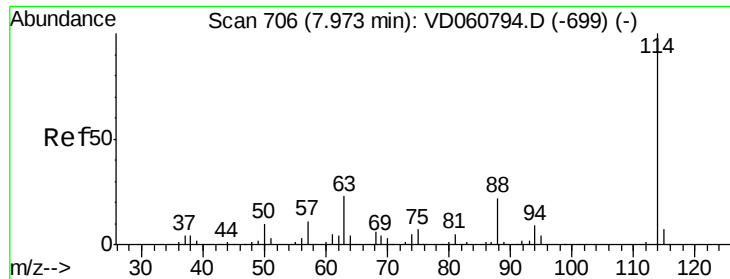
50000

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Time-->

7.00 7.10 7.20 7.30 7.40

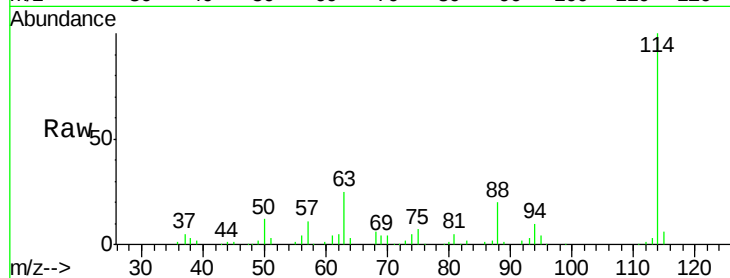




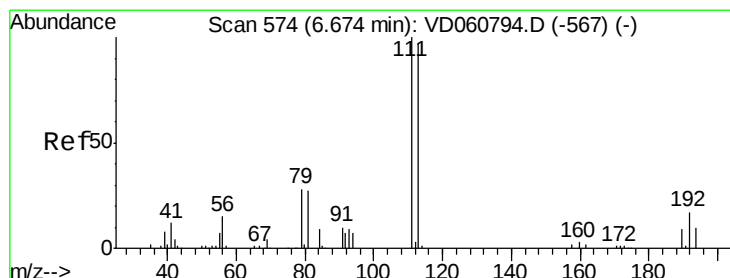
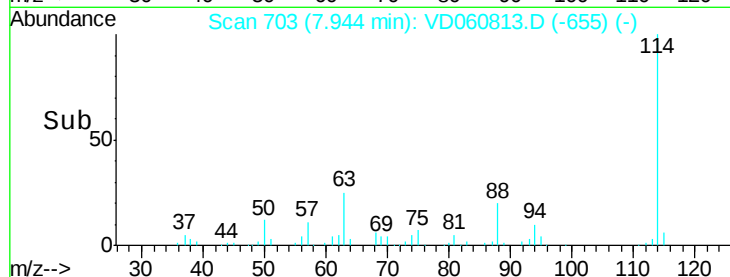
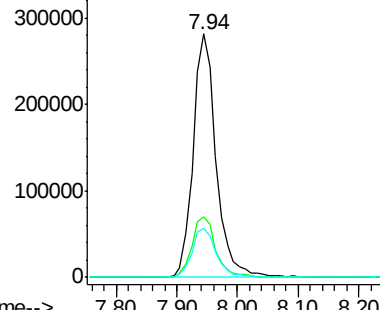
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.94 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: VD060813.D
 Acq: 1 Feb 2019 12:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBL01

Tot Ion:114 Resp: 741188
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 46.6
 88 20.4 0.0 44.0

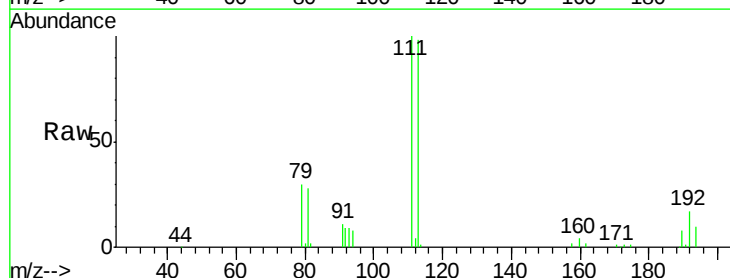


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

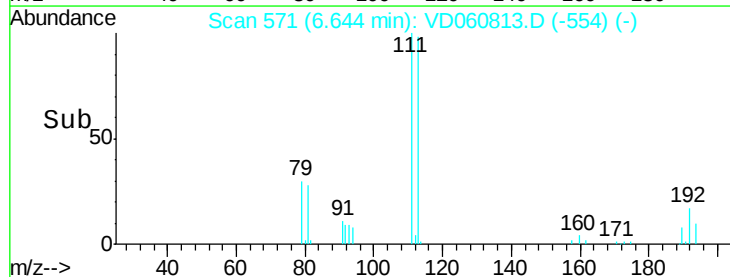
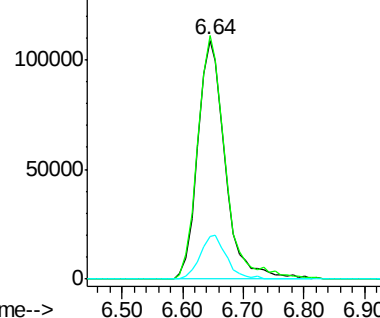


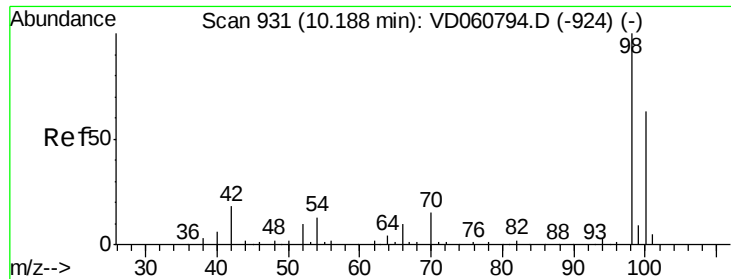
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.64 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: VD060813.D
 Acq: 1 Feb 2019 12:07

Tgt Ion:113 Resp: 342046
 Ion Ratio Lower Upper
 113 100
 111 102.0 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

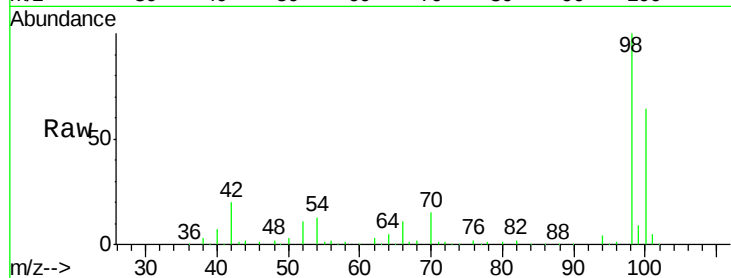




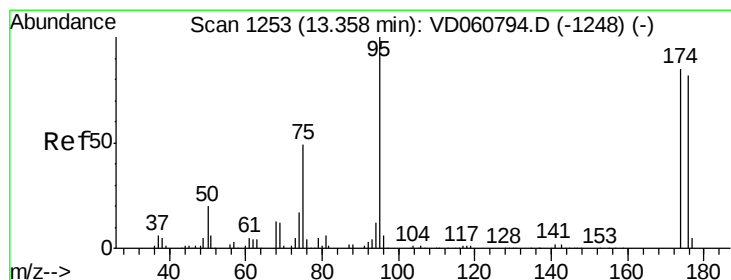
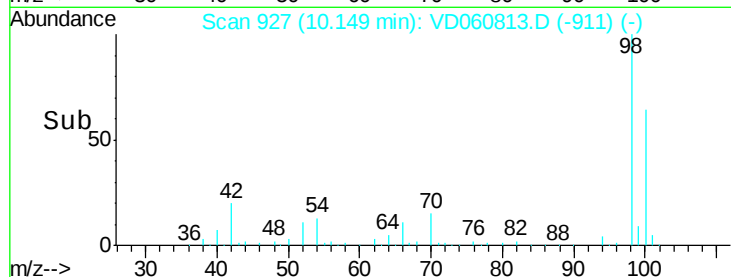
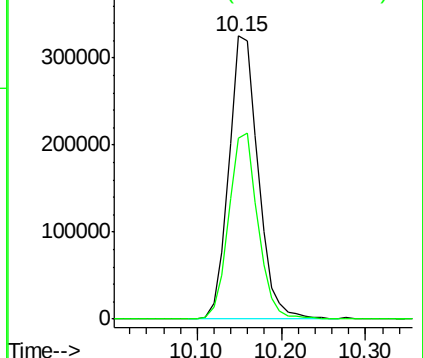
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.15 min Scan# 927
Delta R.T. -0.04 min
Lab File: VD060813.D
Acq: 1 Feb 2019 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

Tot Ion: 98 Resp: 787274
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6

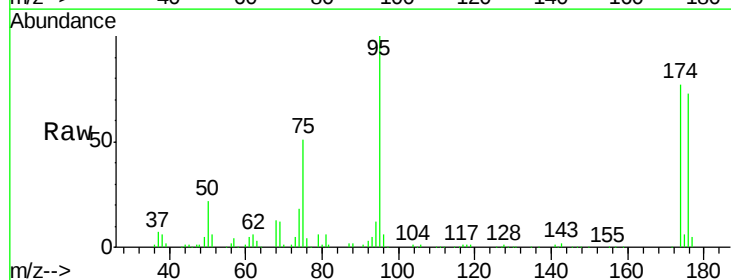


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

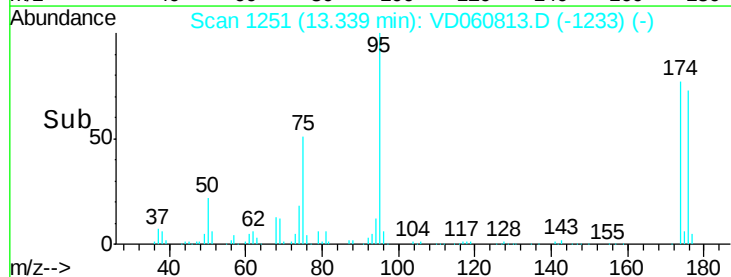
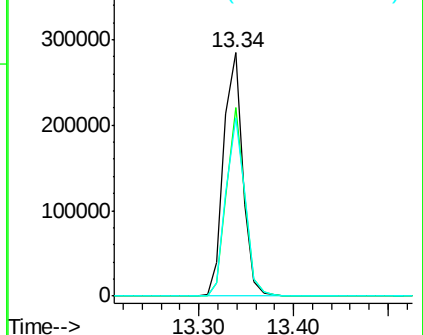


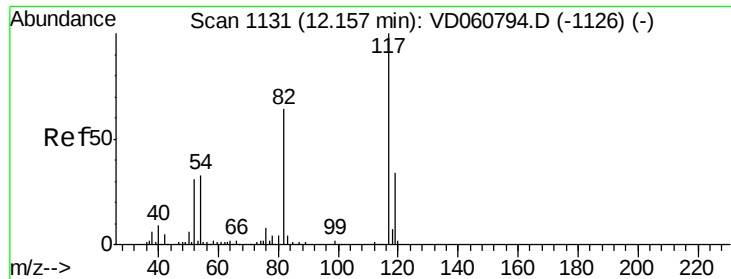
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.34 min Scan# 1251
Delta R.T. -0.02 min
Lab File: VD060813.D
Acq: 1 Feb 2019 12:07

Tgt Ion: 95 Resp: 397186
Ion Ratio Lower Upper
95 100
174 77.3 0.0 169.6
176 73.4 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

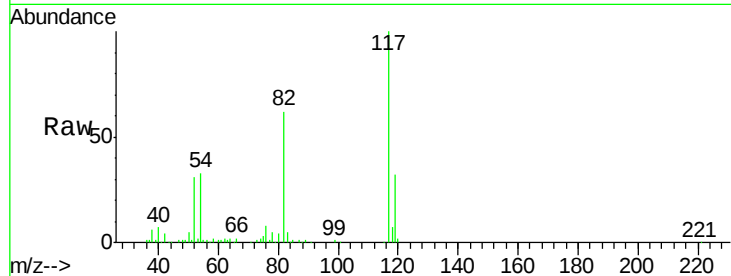




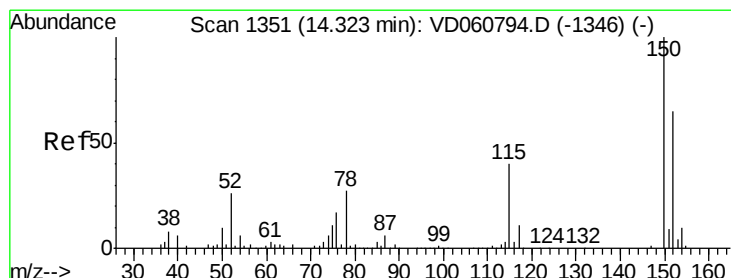
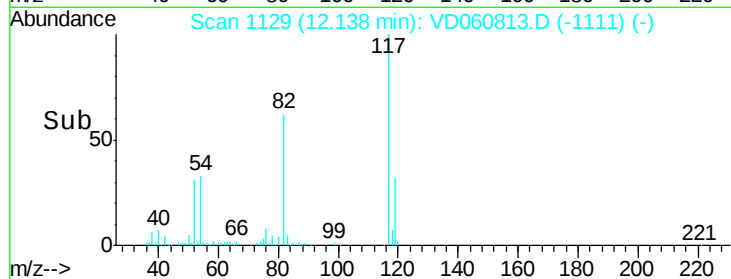
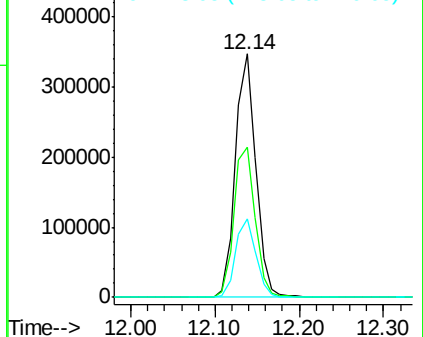
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.14 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VD060813.D
Acq: 1 Feb 2019 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

Tot Ion:117 Resp: 589035
Ion Ratio Lower Upper
117 100
82 61.7 51.5 77.3
119 32.0 27.1 40.7

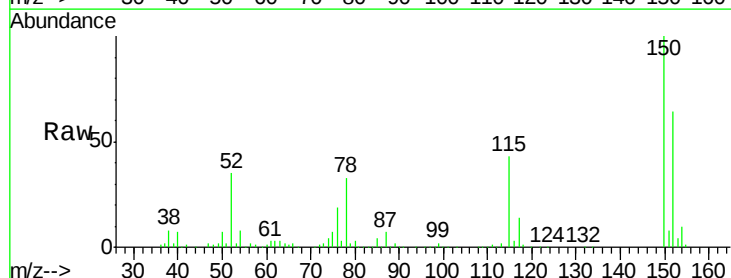


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.30 min Scan# 1349
Delta R.T. -0.02 min
Lab File: VD060813.D
Acq: 1 Feb 2019 12:07

Tgt Ion:152 Resp: 312544
Ion Ratio Lower Upper
152 100
115 67.7 31.6 95.0
150 157.2 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

