

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062115.D
 Acq On : 2 May 2019 17:03
 Operator : FY/SY
 Sample : K2668-01
 Misc : 5.10g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 03 01:47:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	293655	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	466655	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	442392	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	224777	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	155800	67.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	135.58%	
35) Dibromofluoromethane	6.90	113	198401	61.47	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	122.94%	
50) Toluene-d8	10.39	98	386955	50.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	13.54	95	192191	62.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	124.80%	

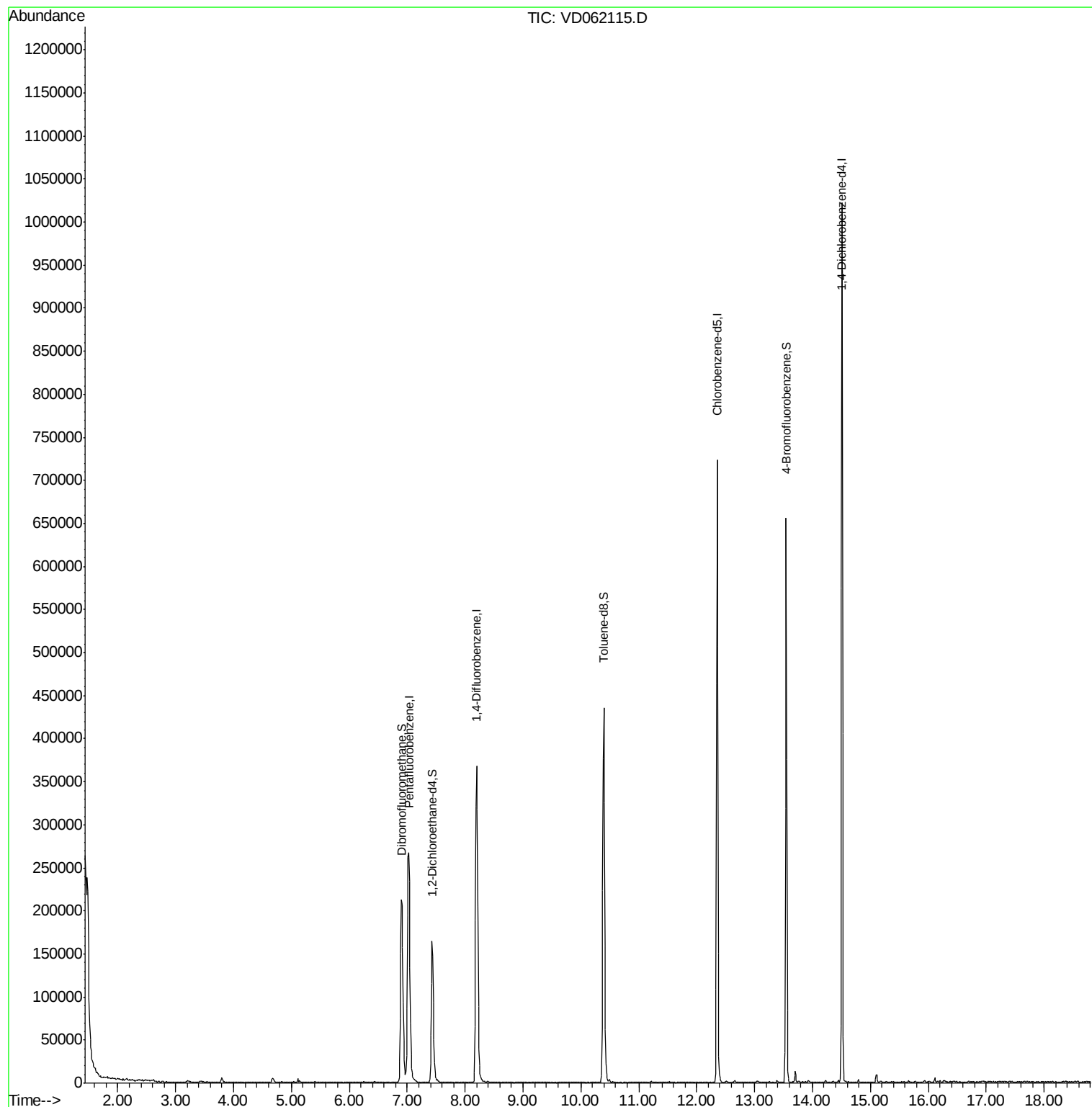
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062115.D

Acq: 2 May 2019 17:03

Instrument :

MSVOA_D

ClientSampleId :

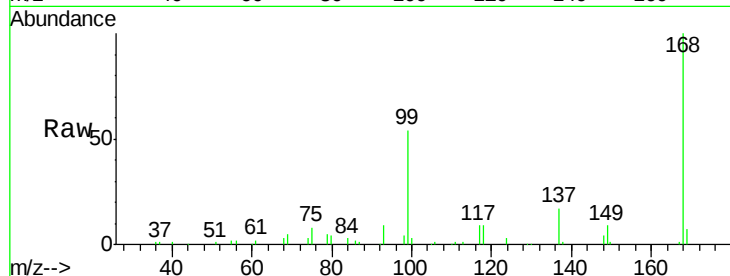
TP-1

Tot Ion:168 Resp: 293655

Ion Ratio Lower Upper

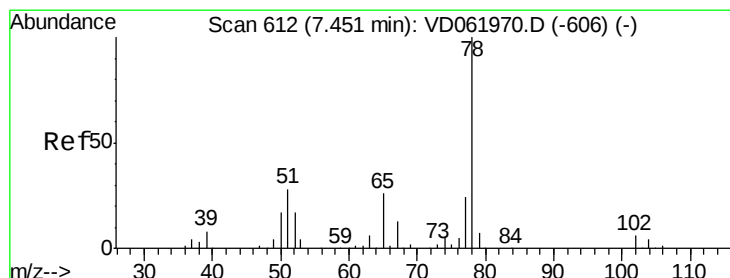
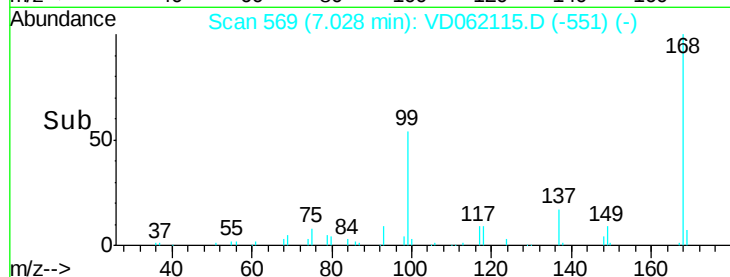
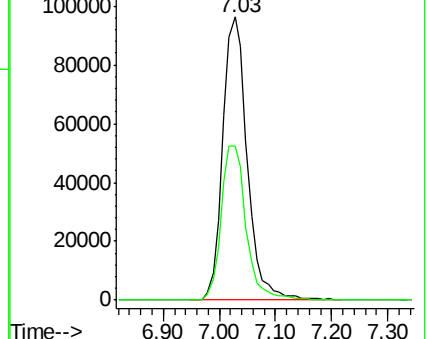
168 100

99 54.4 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: 67.789 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD062115.D

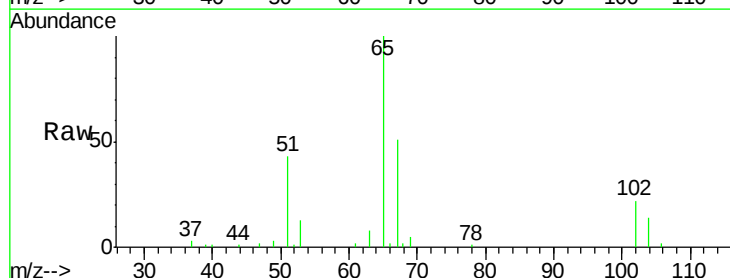
Acq: 2 May 2019 17:03

Tgt Ion: 65 Resp: 155800

Ion Ratio Lower Upper

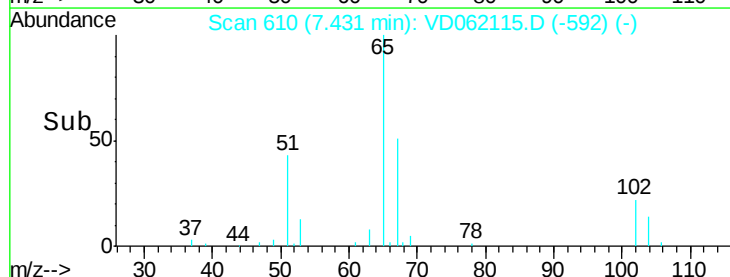
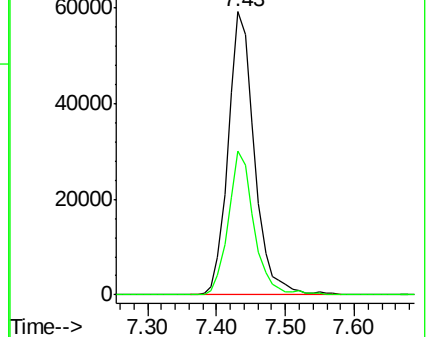
65 100

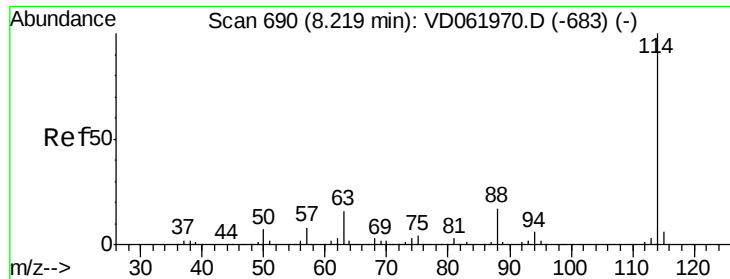
67 50.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

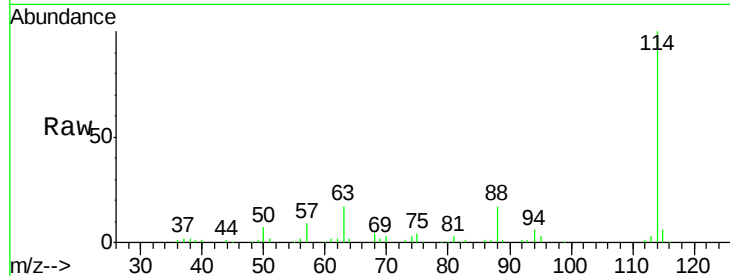




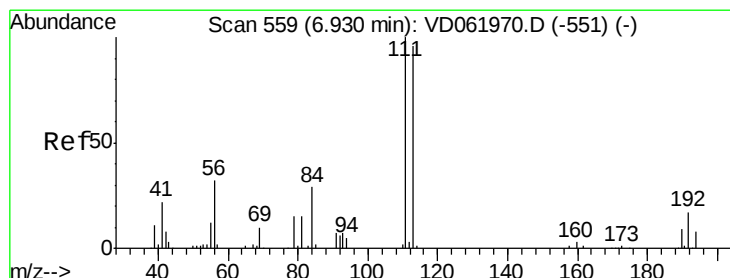
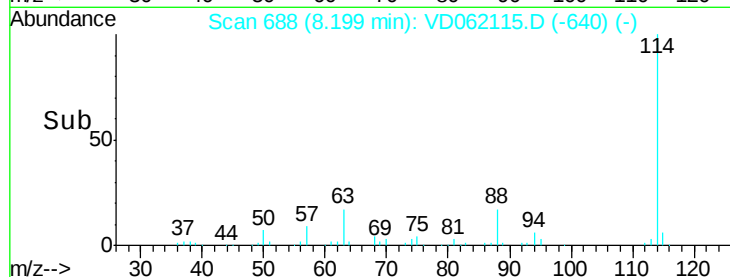
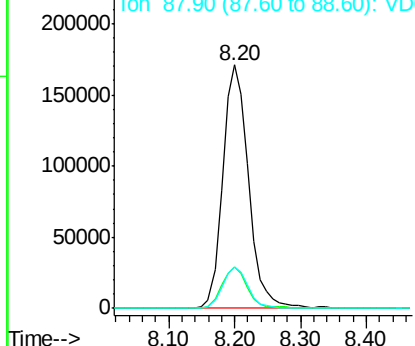
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062115.D
 Acq: 2 May 2019 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 466655
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 32.4
 88 16.9 0.0 33.6

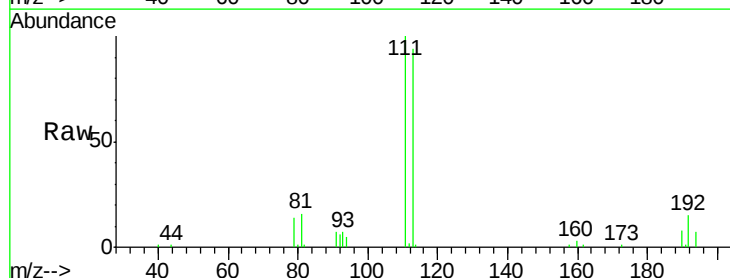


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

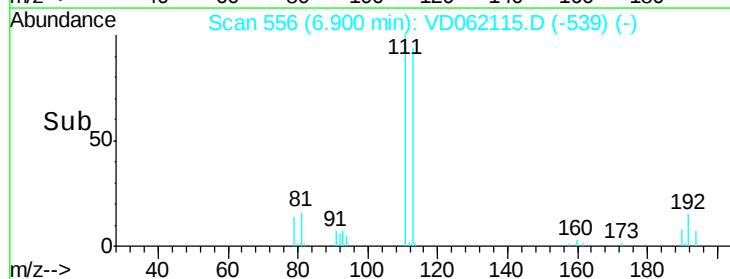
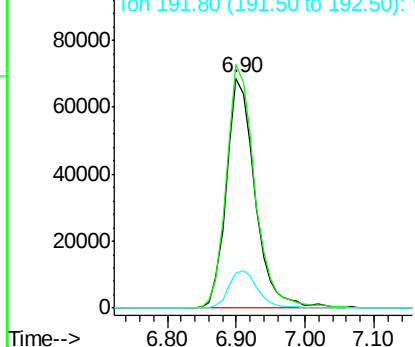


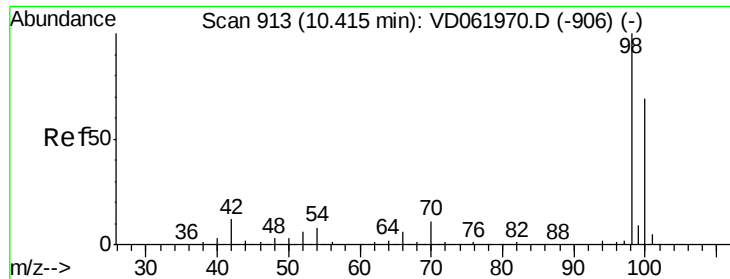
#35
 Dibromofluoromethane
 Concen: 61.475 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062115.D
 Acq: 2 May 2019 17:03

Tgt Ion:113 Resp: 198401
 Ion Ratio Lower Upper
 113 100
 111 106.0 78.5 117.7
 192 15.5 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

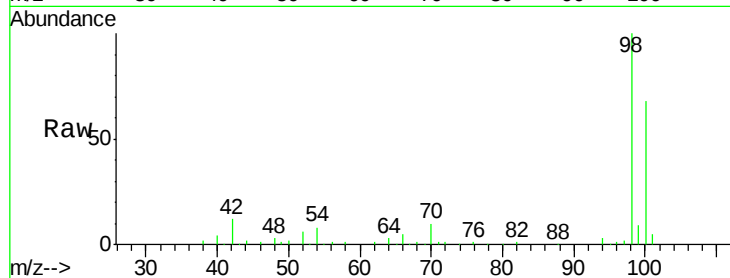




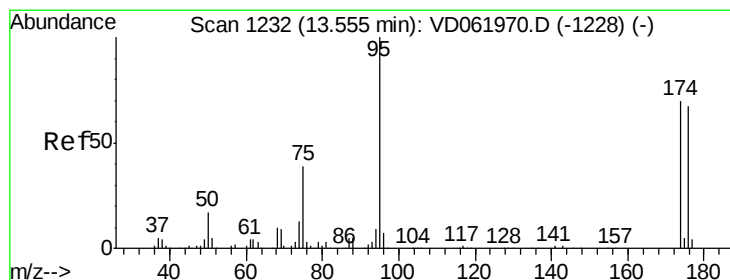
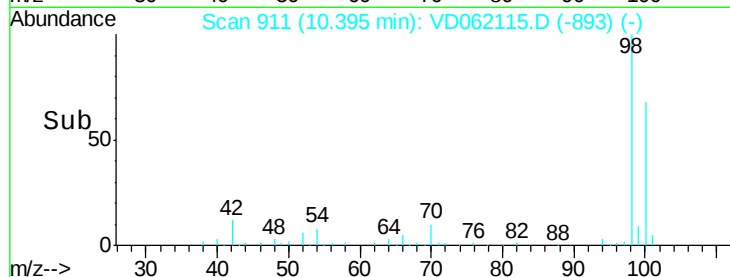
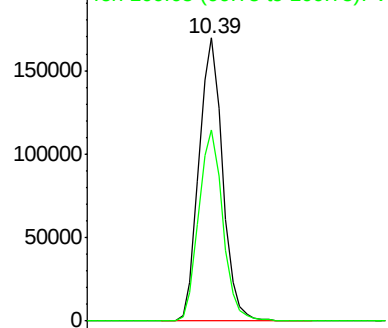
#50
Toluene-d8
Concen: 50.388 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 98 Resp: 386955
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.8

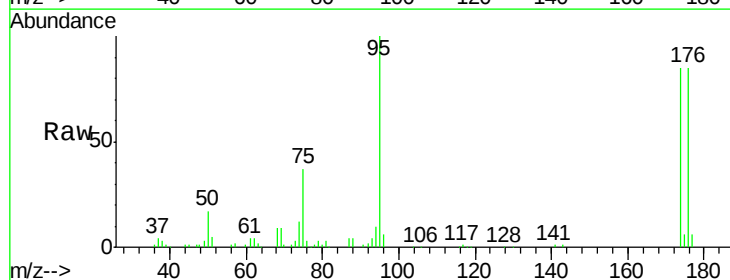


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

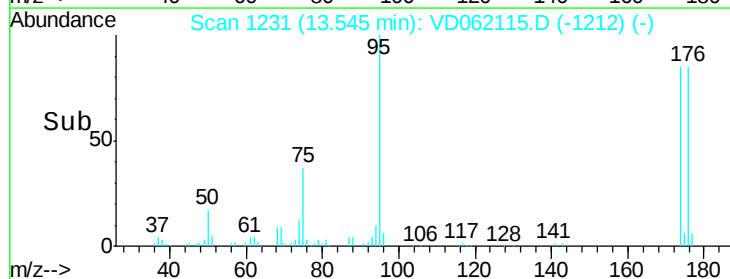
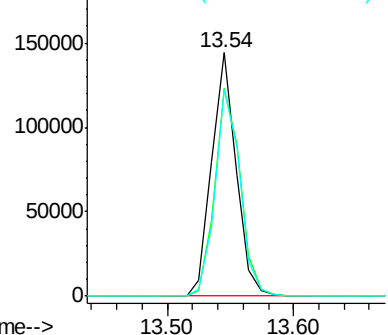


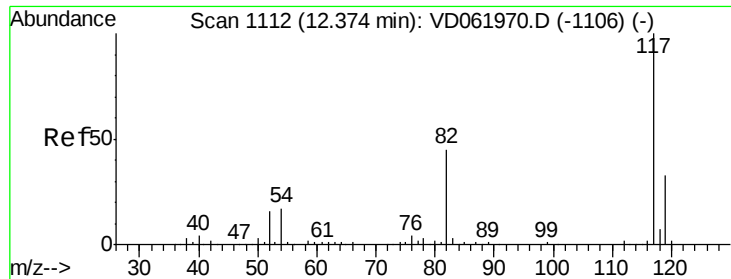
#62
4-Bromofluorobenzene
Concen: 62.396 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Tgt Ion: 95 Resp: 192191
Ion Ratio Lower Upper
95 100
174 85.3 0.0 181.8
176 84.7 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) (-)

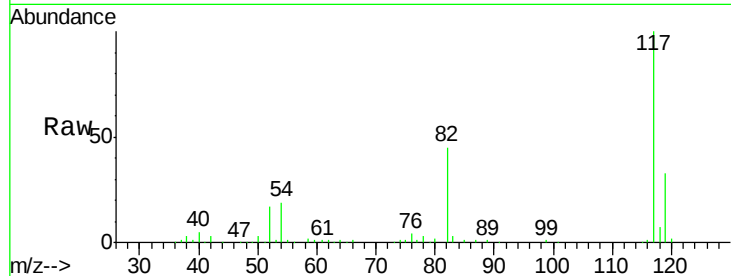




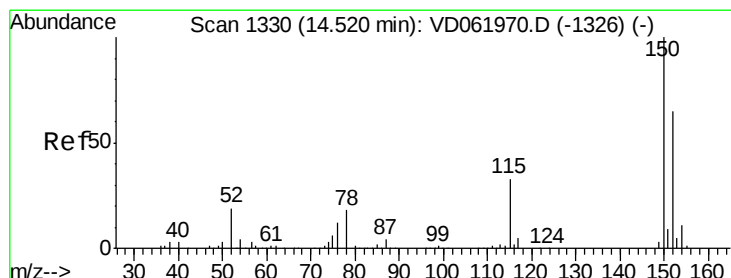
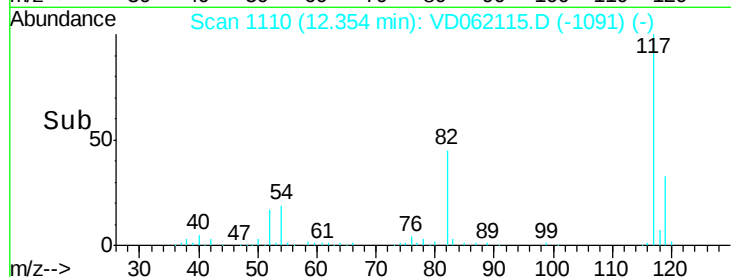
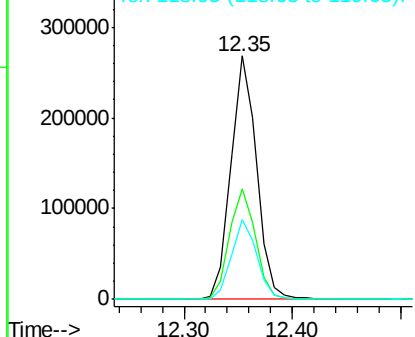
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 442392
Ion Ratio Lower Upper
117 100
82 45.5 36.2 54.2
119 32.6 26.2 39.4

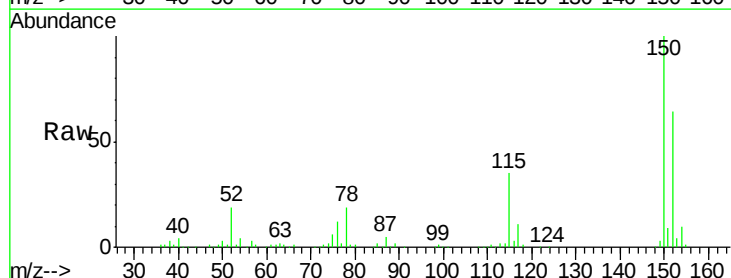


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Tgt Ion:152 Resp: 224777
Ion Ratio Lower Upper
152 100
115 55.5 30.9 92.7
150 157.4 0.0 314.8



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

