

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062104.D
 Acq On : 1 May 2019 15:51
 Operator : FY/SY
 Sample : K2652-01
 Misc : 4.25g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-4

Quant Time: May 02 01:22:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	26942	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.18	114	43335	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	43664	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	21825	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	13614	64.56	ug/l	-0.04
Spiked Amount			Recovery	=	129.12%	
35) Dibromofluoromethane	6.89	113	14861	49.59	ug/l	-0.04
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	10.38	98	34405	48.24	ug/l	-0.04
Spiked Amount			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	13.54	95	16386	57.29	ug/l	-0.02
Spiked Amount			Recovery	=	114.58%	

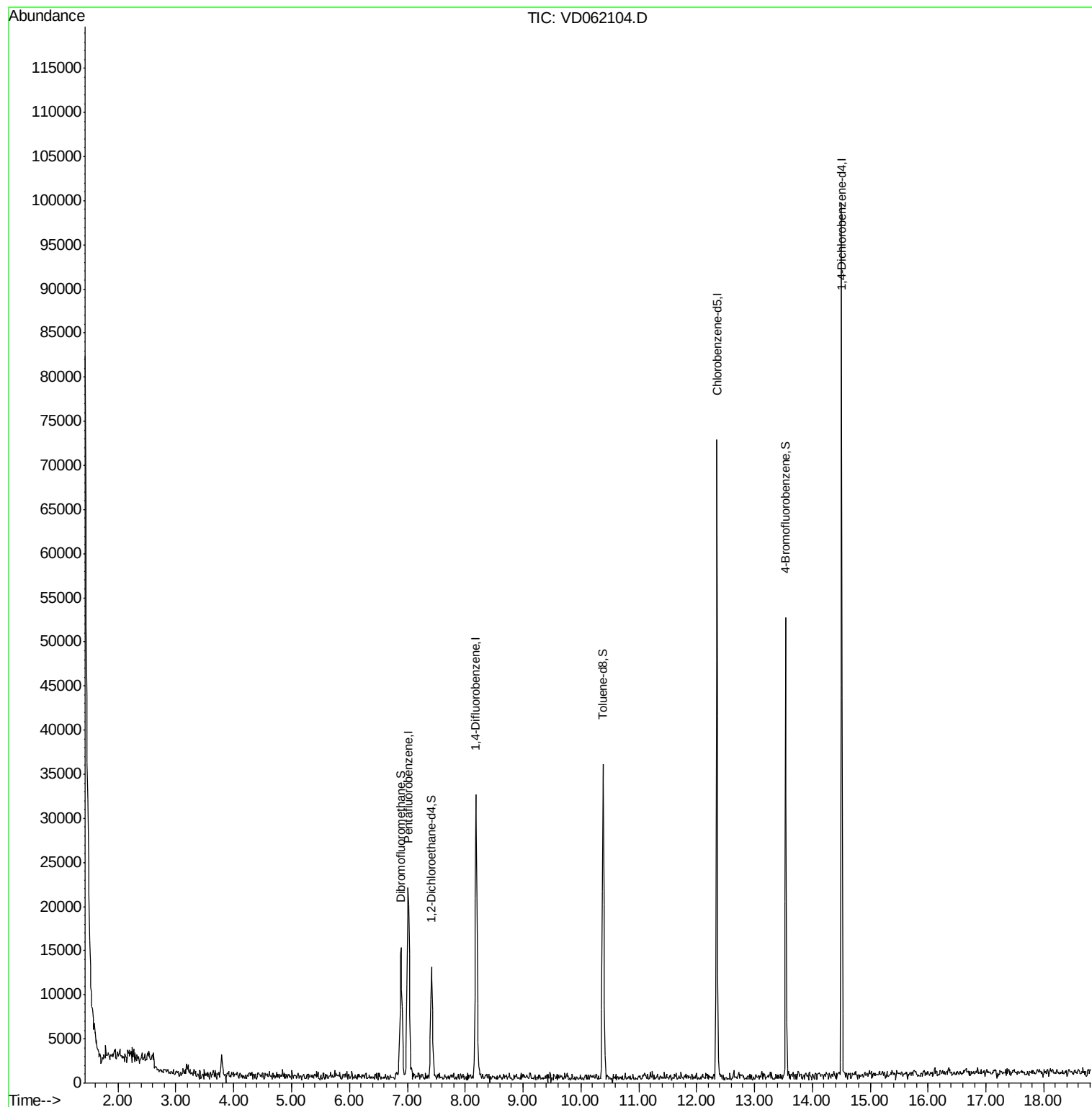
Target Compounds	Qvalue

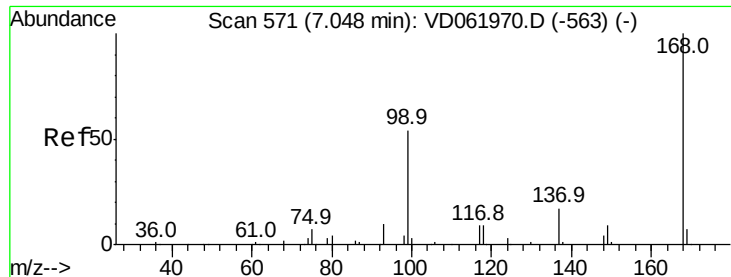
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062104.D

Acq: 1 May 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

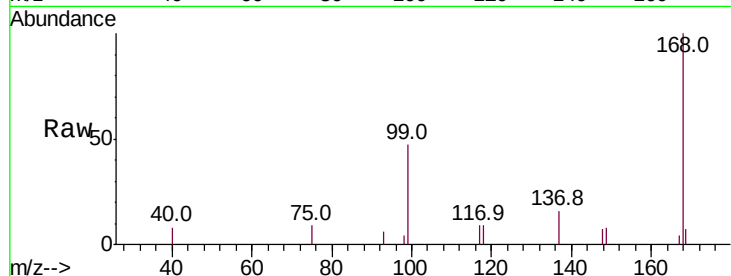
DRUM-1-4

Tot Ion:168 Resp: 26942

Ion Ratio Lower Upper

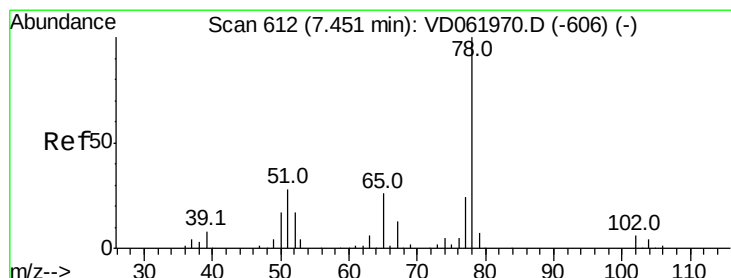
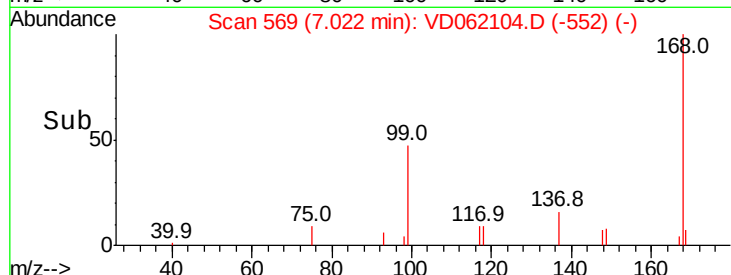
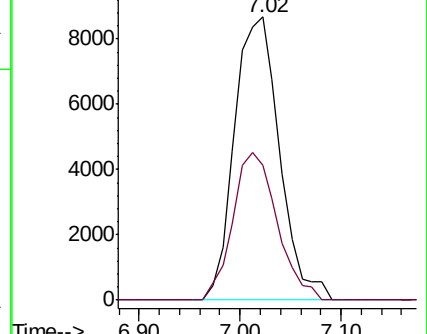
168 100

99 47.5 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: 64.563 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062104.D

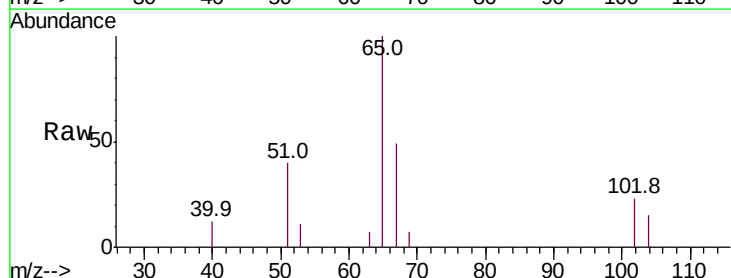
Acq: 1 May 2019 15:51

Tgt Ion: 65 Resp: 13614

Ion Ratio Lower Upper

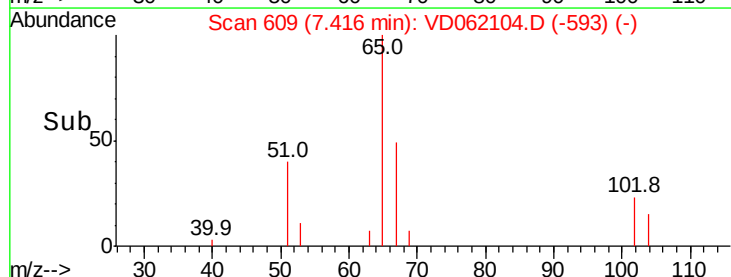
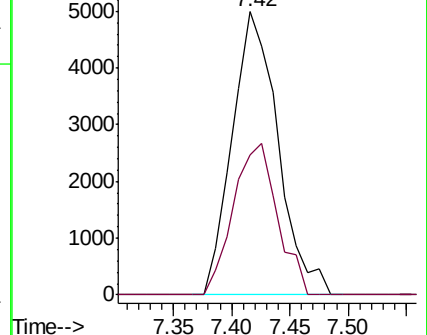
65 100

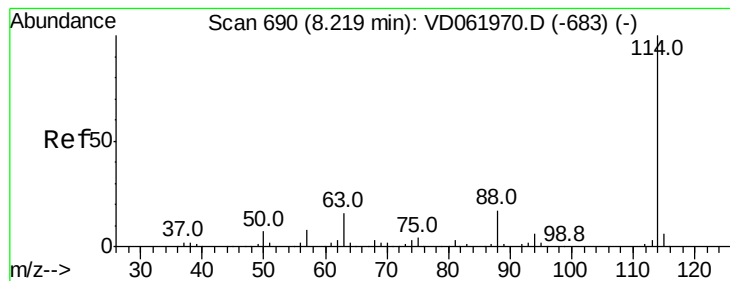
67 49.5 0.0 98.0



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: 8.18 min Scan# 687

Delta R.T. -0.04 min

Lab File: VD062104.D

Acq: 1 May 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

DRUM-1-4

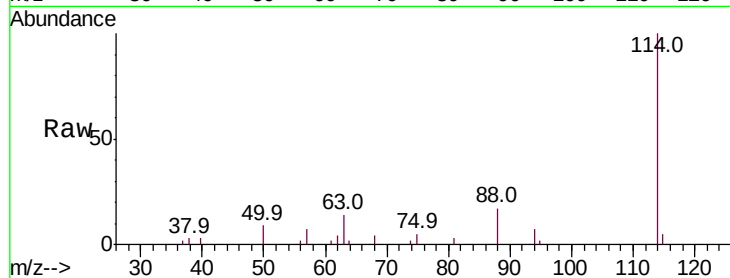
Tot Ion:114 Resp: 43335

Ion Ratio Lower Upper

114 100

63 14.1 0.0 32.4

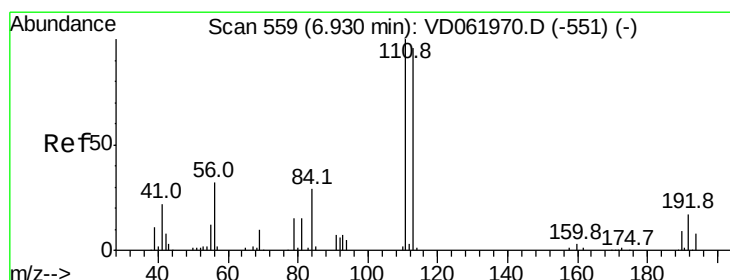
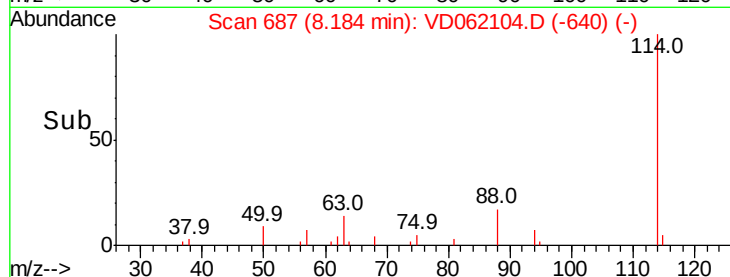
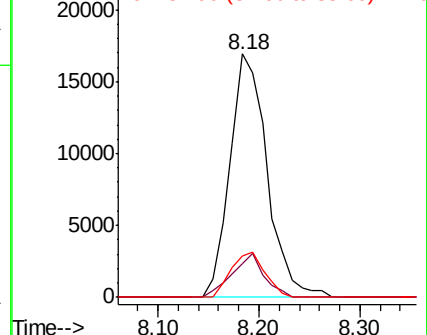
88 17.1 0.0 33.6



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: 49.586 ug/l

RT: 6.89 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062104.D

Acq: 1 May 2019 15:51

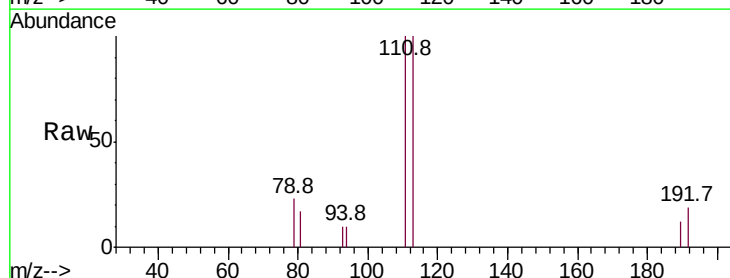
Tgt Ion:113 Resp: 14861

Ion Ratio Lower Upper

113 100

111 100.1 78.5 117.7

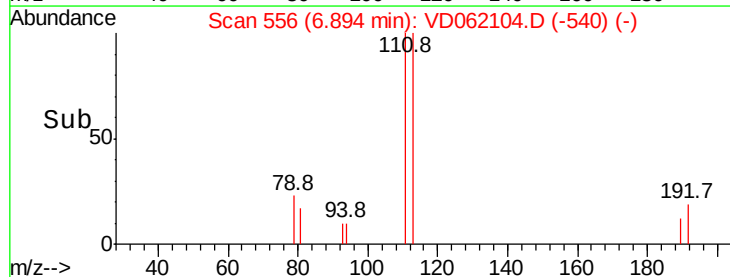
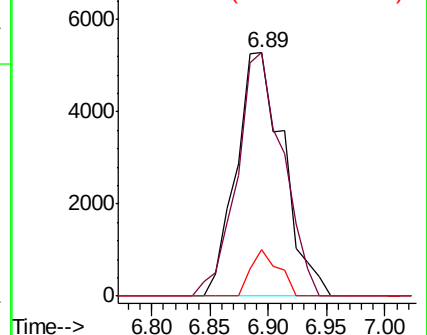
192 19.3 13.0 19.4

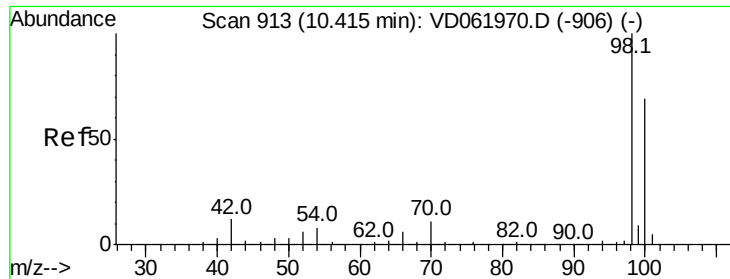


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

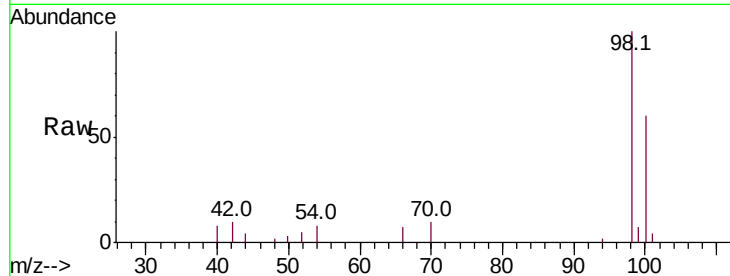




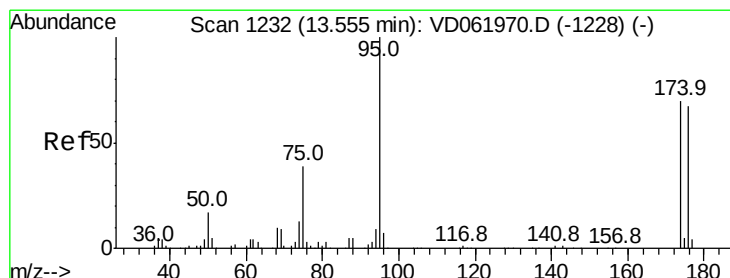
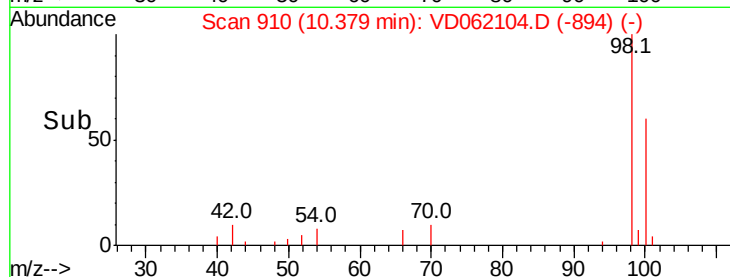
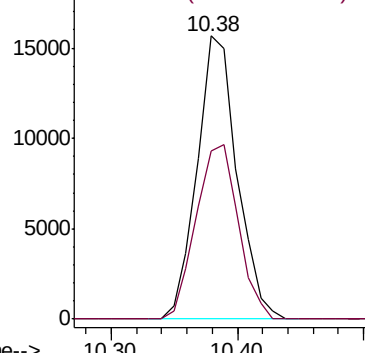
#50
Toluene-d8
Concen: 48.244 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062104.D
Acq: 1 May 2019 15:51

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-4

Tot Ion: 98 Resp: 34405
Ion Ratio Lower Upper
98 100
100 59.5 53.8 80.8

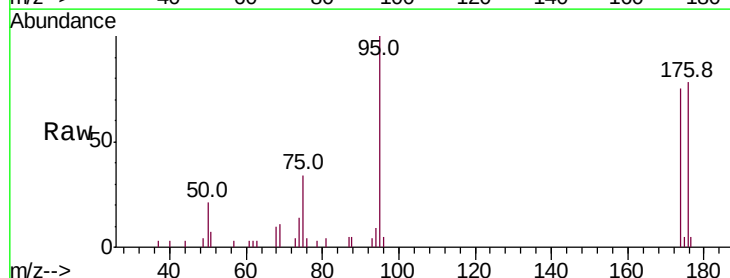


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

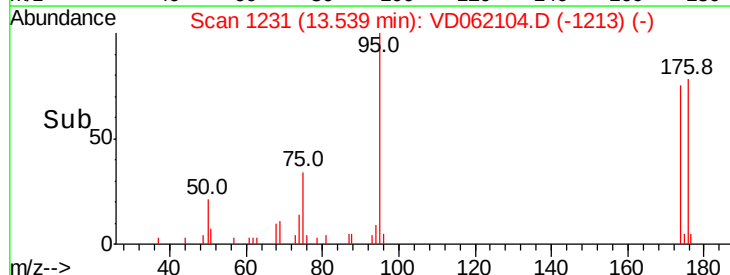
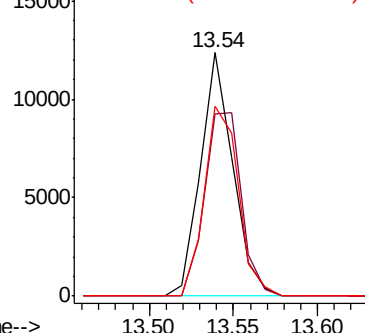


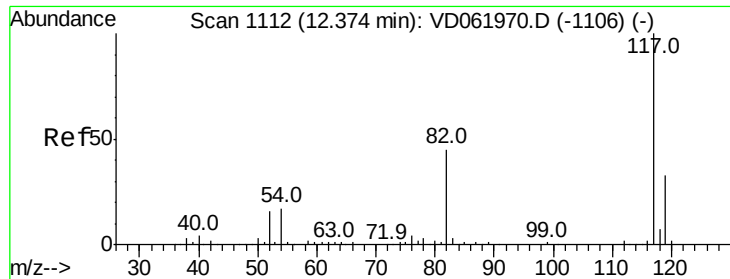
#62
4-Bromofluorobenzene
Concen: 57.286 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062104.D
Acq: 1 May 2019 15:51

Tgt Ion: 95 Resp: 16386
Ion Ratio Lower Upper
95 100
174 74.9 0.0 181.8
176 82.5 0.0 174.4



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

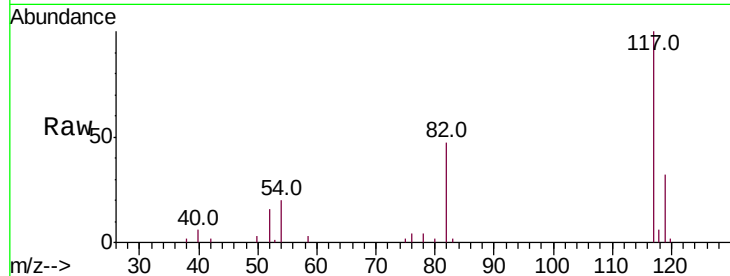




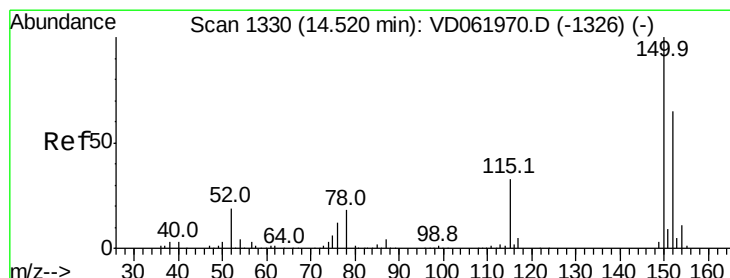
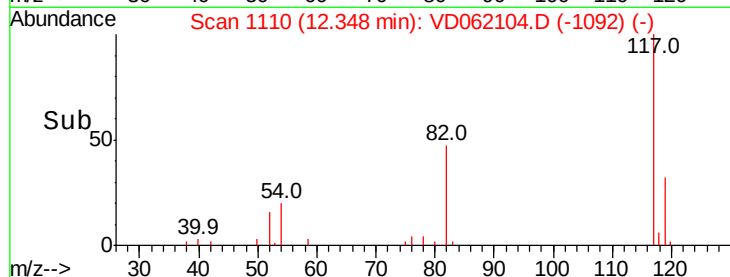
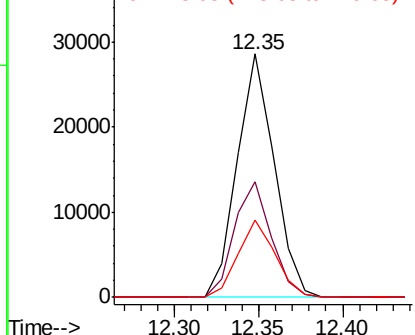
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: VD062104.D
 Acq: 1 May 2019 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-1-4

Tot Ion:117 Resp: 43664
 Ion Ratio Lower Upper
 117 100
 82 47.3 36.2 54.2
 119 31.5 26.2 39.4

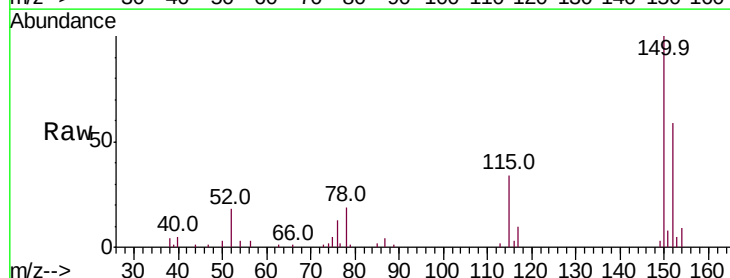


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: VD062104.D
 Acq: 1 May 2019 15:51

Tgt Ion:152 Resp: 21825
 Ion Ratio Lower Upper
 152 100
 115 58.1 30.9 92.7
 150 169.5 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

