

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062222.D
 Acq On : 10 May 2019 18:37
 Operator : FY/SY
 Sample : VD0510SBL02
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL02

Quant Time: May 11 00:15:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	664744	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	914994	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	737739	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	402696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	356635	57.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	6.92	113	412938	54.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.78%	
50) Toluene-d8	10.41	98	883648	48.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	13.55	95	379755	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	

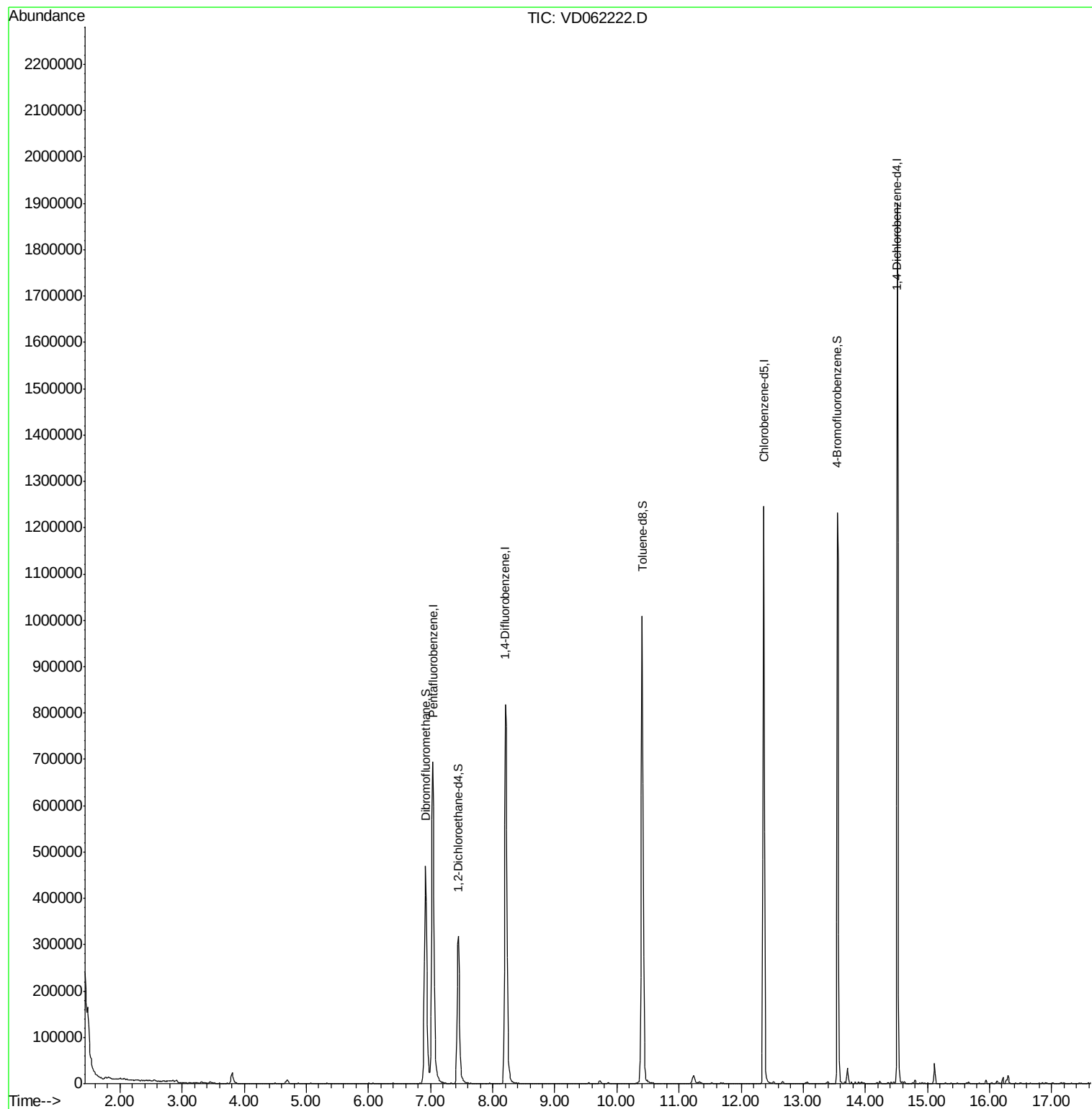
Target Compounds	Qvalue
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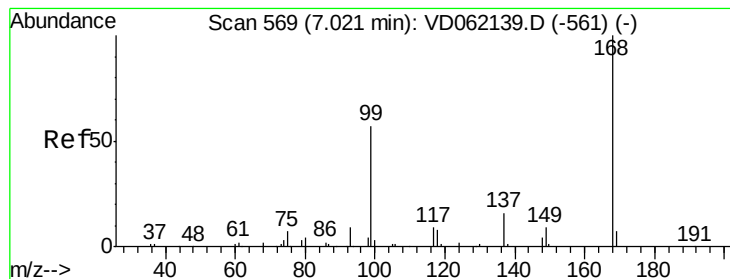
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062222.D

Acq: 10 May 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

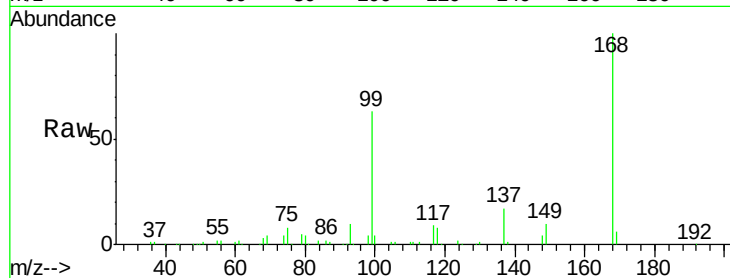
VD0510SBL02

Tot Ion:168 Resp: 664744

Ion Ratio Lower Upper

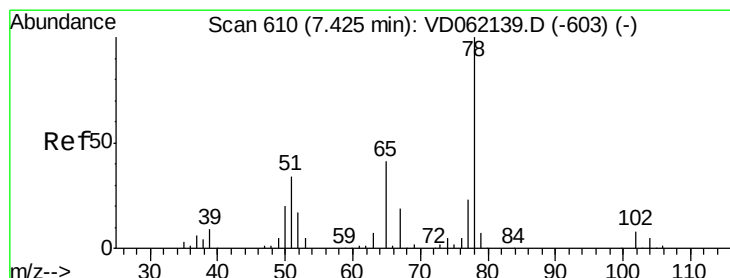
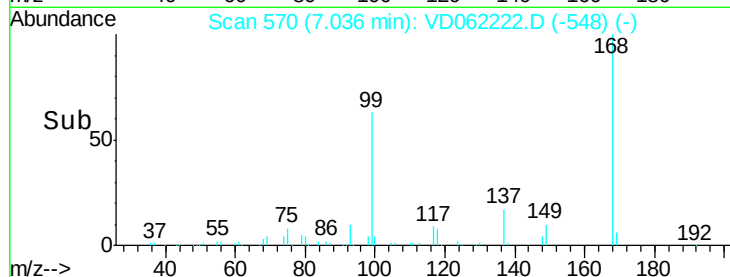
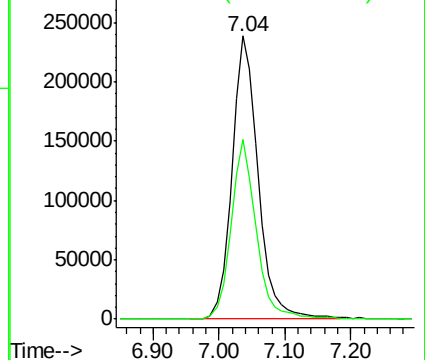
168 100

99 63.5 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: 57.731 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062222.D

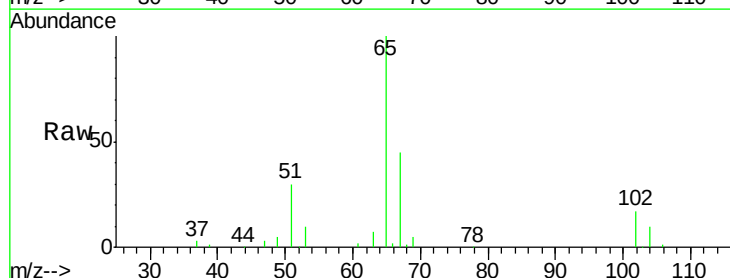
Acq: 10 May 2019 18:37

Tgt Ion: 65 Resp: 356635

Ion Ratio Lower Upper

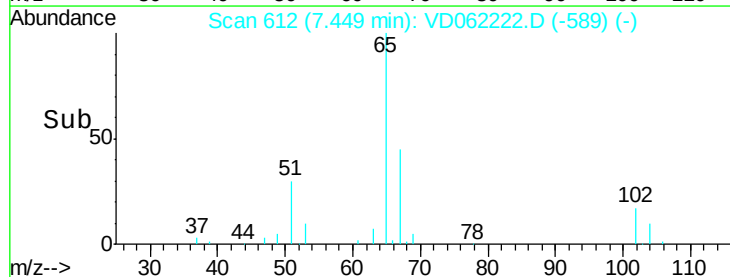
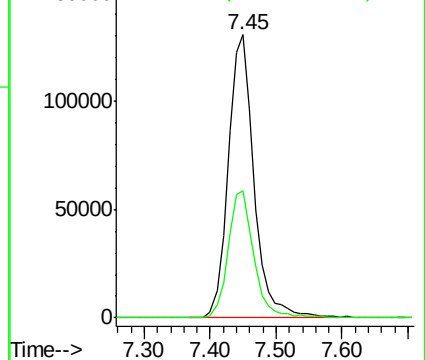
65 100

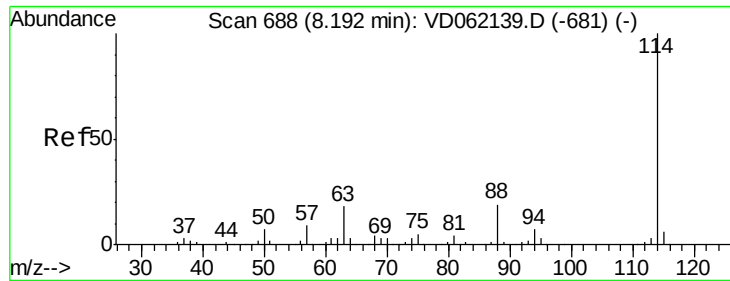
67 45.2 0.0 98.0



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: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD062222.D

Acq: 10 May 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

VD0510SBL02

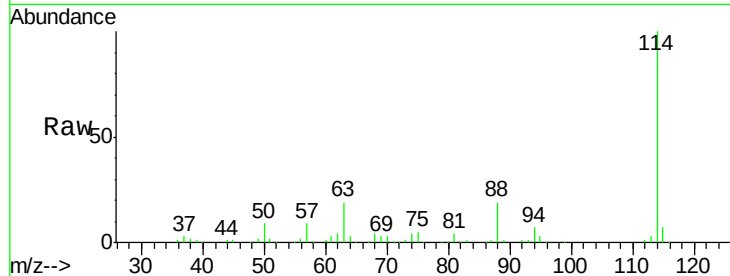
Tot Ion:114 Resp: 914994

Ion Ratio Lower Upper

114 100

63 19.4 0.0 32.4

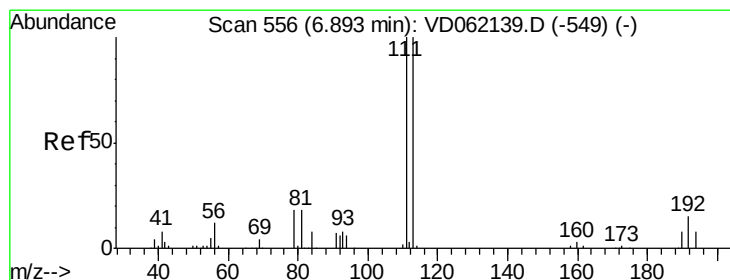
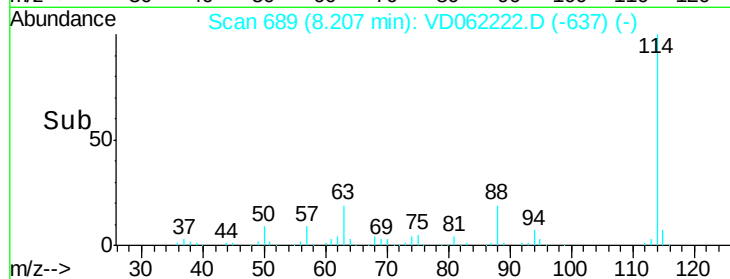
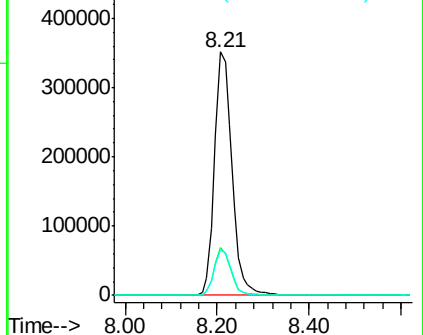
88 18.7 0.0 33.6



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: 54.393 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062222.D

Acq: 10 May 2019 18:37

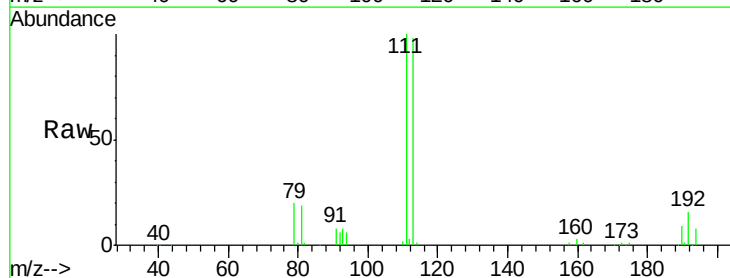
Tgt Ion:113 Resp: 412938

Ion Ratio Lower Upper

113 100

111 102.1 78.5 117.7

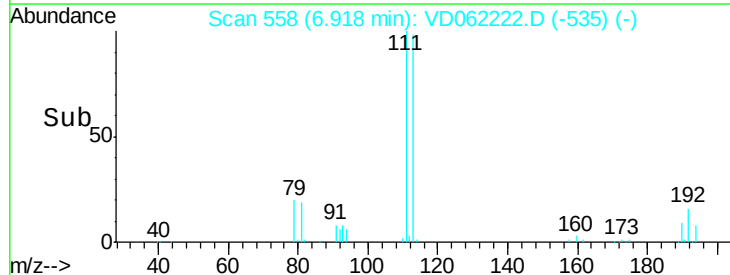
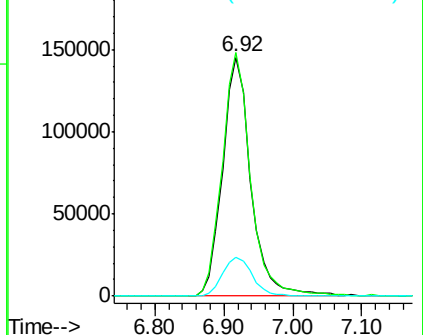
192 16.1 13.0 19.4

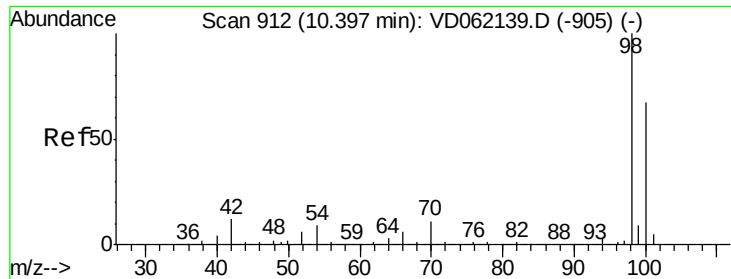


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

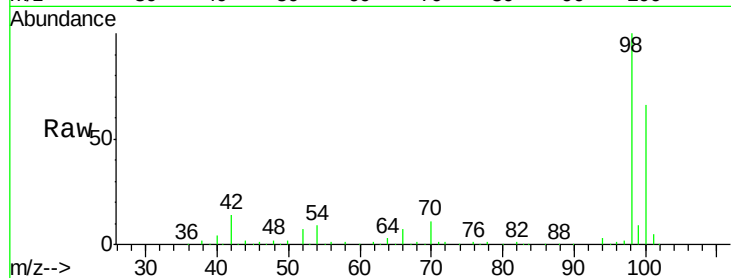




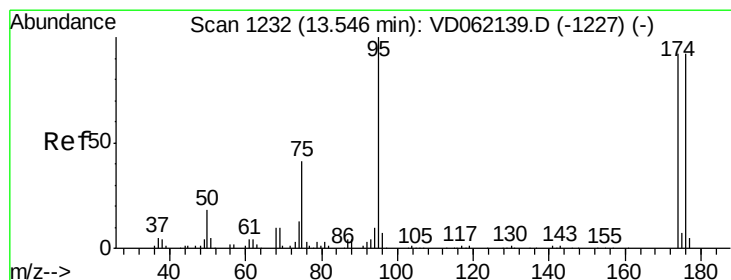
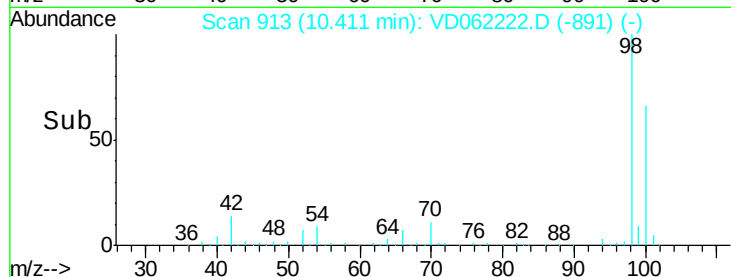
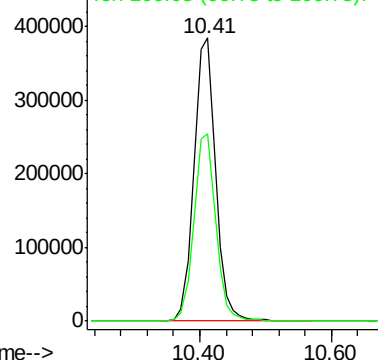
#50
Toluene-d8
Concen: 48.275 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062222.D
Acq: 10 May 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL02

Tot Ion: 98 Resp: 883648
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.8

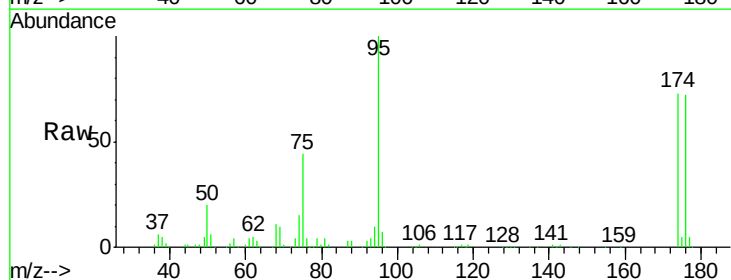


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

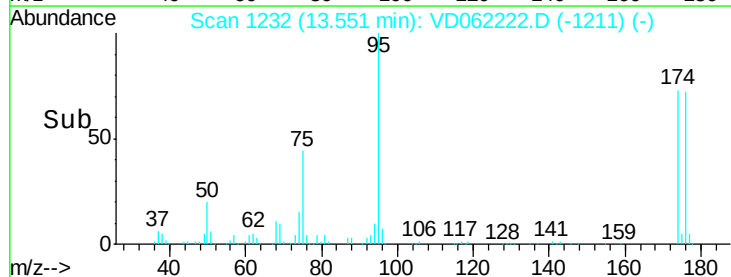
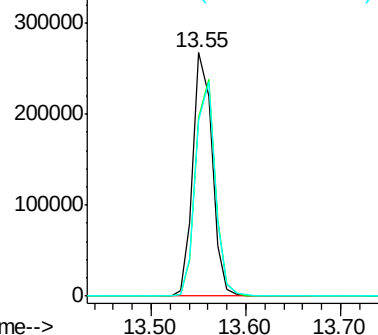


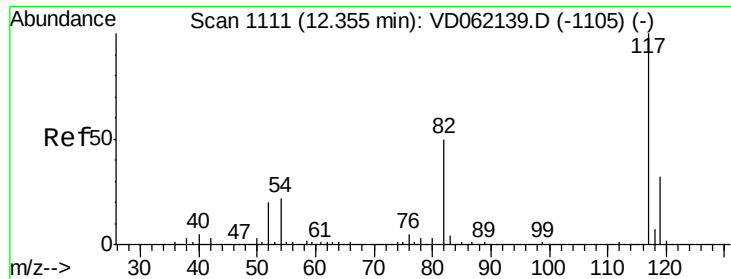
#62
4-Bromofluorobenzene
Concen: 51.665 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062222.D
Acq: 10 May 2019 18:37

Tgt Ion: 95 Resp: 379755
Ion Ratio Lower Upper
95 100
174 73.4 0.0 181.8
176 72.1 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

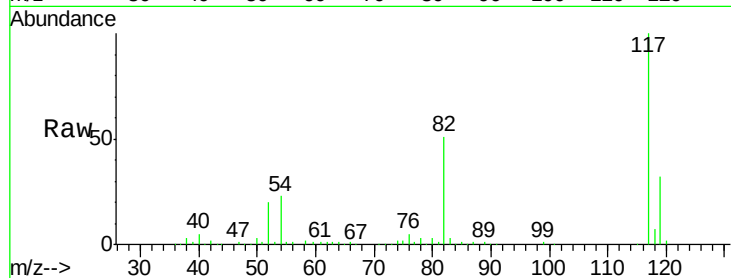




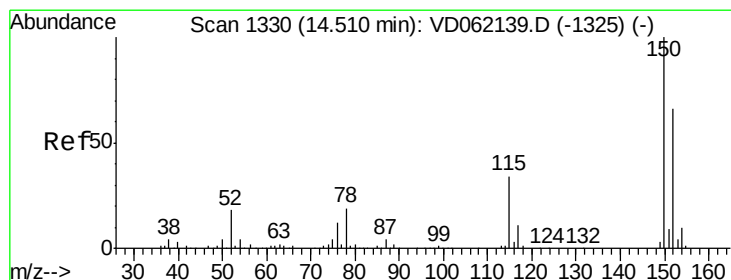
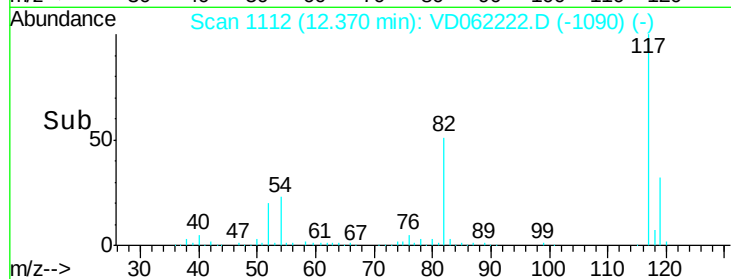
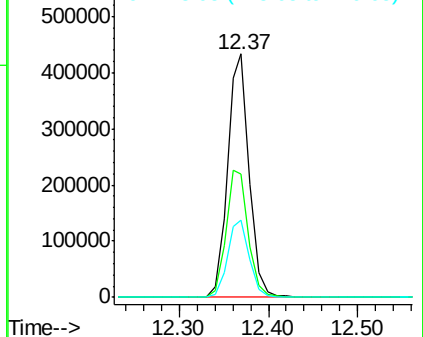
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062222.D
Acq: 10 May 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL02

Tot Ion:117 Resp: 737739
Ion Ratio Lower Upper
117 100
82 50.5 36.2 54.2
119 31.7 26.2 39.4

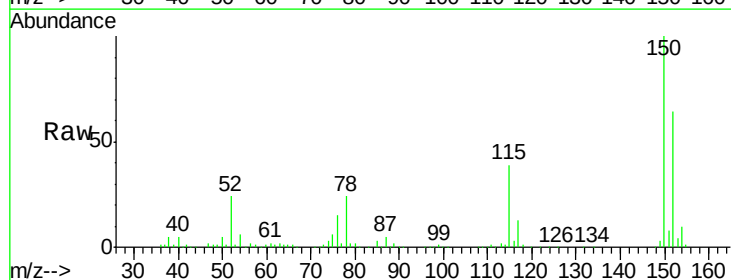


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062222.D
Acq: 10 May 2019 18:37

Tgt Ion:152 Resp: 402696
Ion Ratio Lower Upper
152 100
115 61.7 30.9 92.7
150 157.2 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

