

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062620.D
 Acq On : 6 Jun 2019 11:40
 Operator : FY/SY
 Sample : VD0605SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0605SBL01

Quant Time: Jun 07 03:33:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:42:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	827863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1161349	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	918697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	516971	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	636623	56.10	ug/l	0.00
Spiked Amount			Recovery	=	112.20%	
35) Dibromofluoromethane	6.94	113	648805	54.97	ug/l	0.00
Spiked Amount			Recovery	=	109.94%	
50) Toluene-d8	10.42	98	1319270	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	13.56	95	594602	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

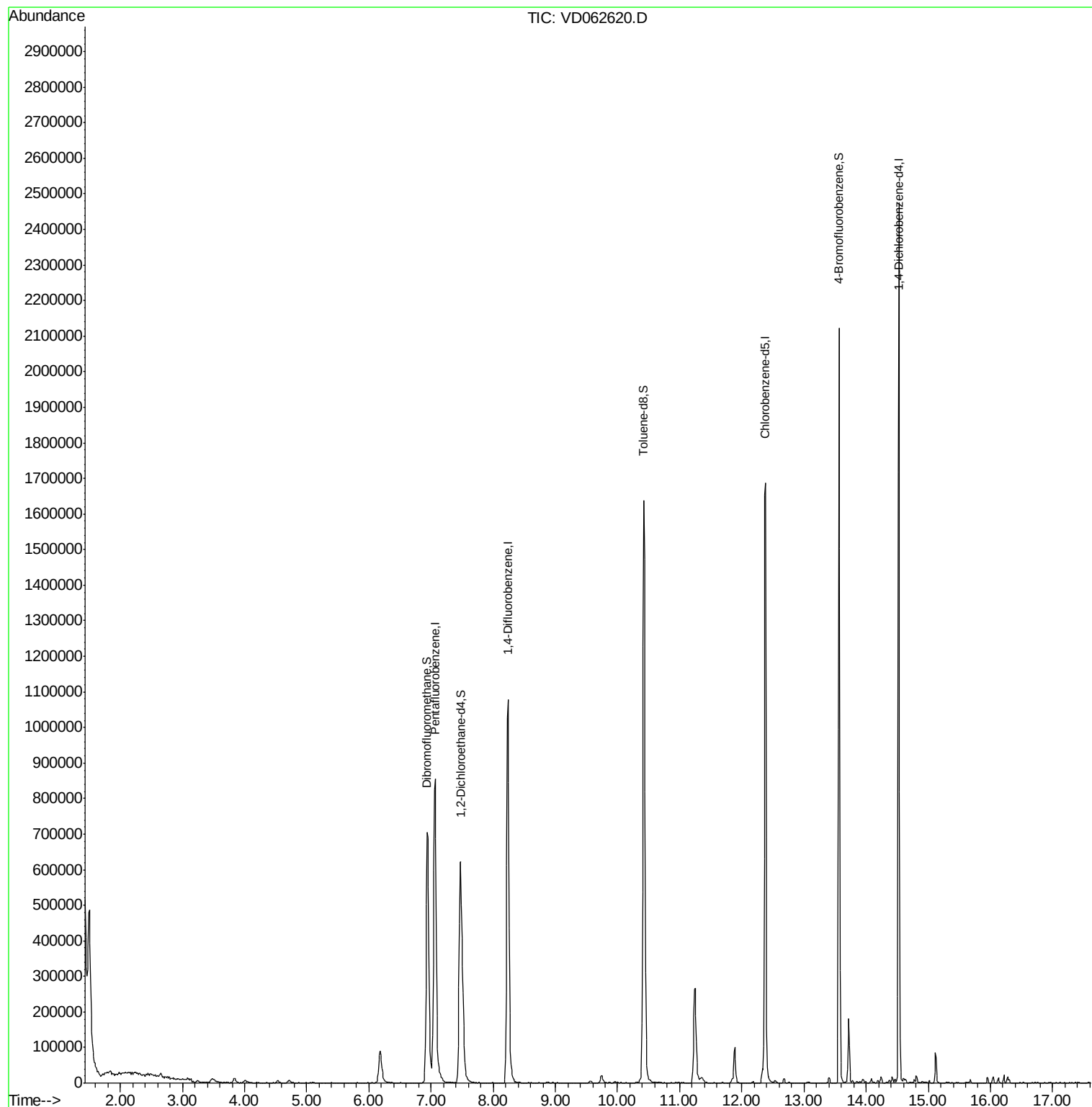
Target Compounds	Qvalue
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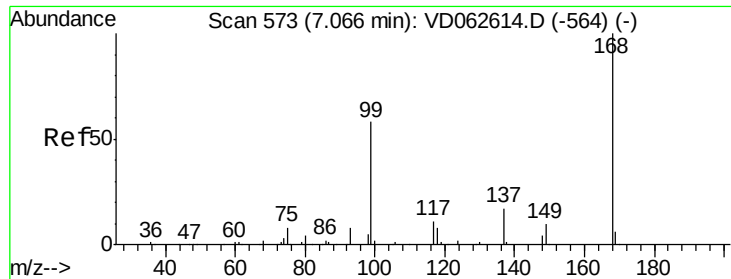
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 06 05:42:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.00 min

Lab File: VD062620.D

Acq: 6 Jun 2019 11:40

Instrument :

MSVOA_D

ClientSampleId :

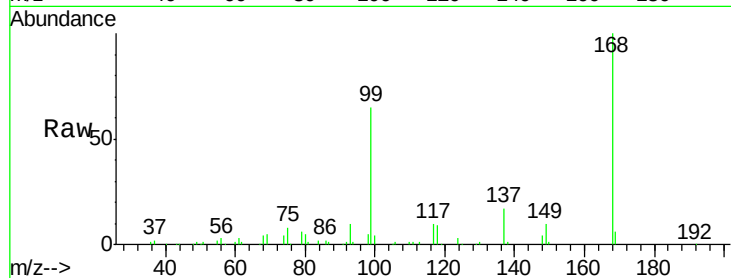
VD0605SBL01

Tot Ion:168 Resp: 827863

Ion Ratio Lower Upper

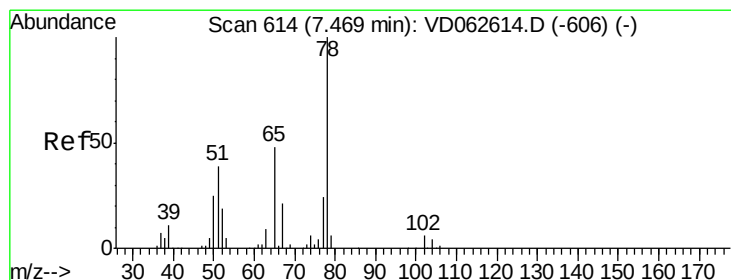
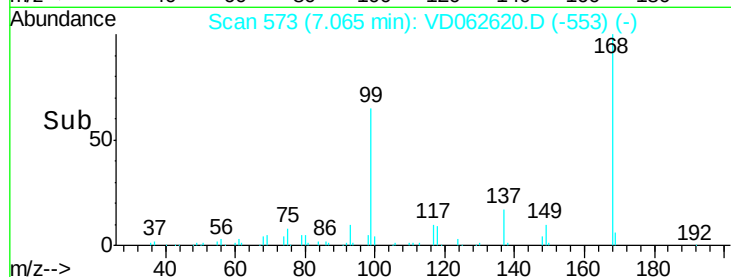
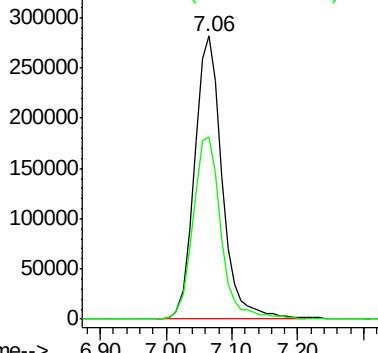
168 100

99 64.5 48.1 72.1



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: 56.098 ug/l

RT: 7.47 min Scan# 614

Delta R.T. -0.00 min

Lab File: VD062620.D

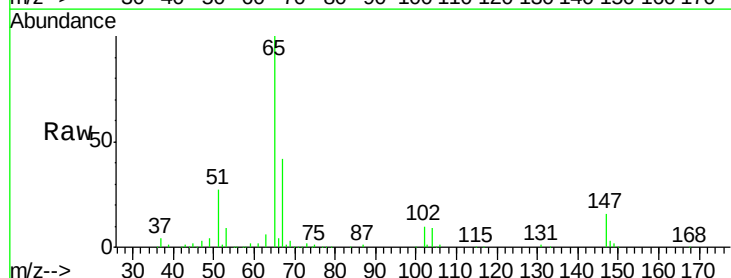
Acq: 6 Jun 2019 11:40

Tgt Ion: 65 Resp: 636623

Ion Ratio Lower Upper

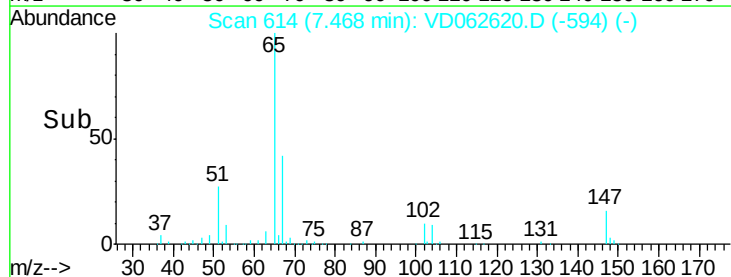
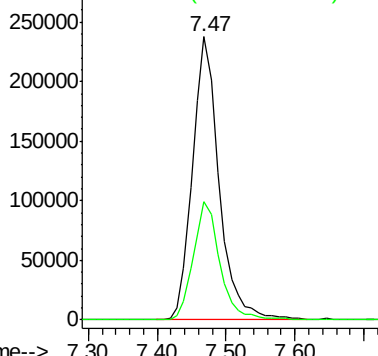
65 100

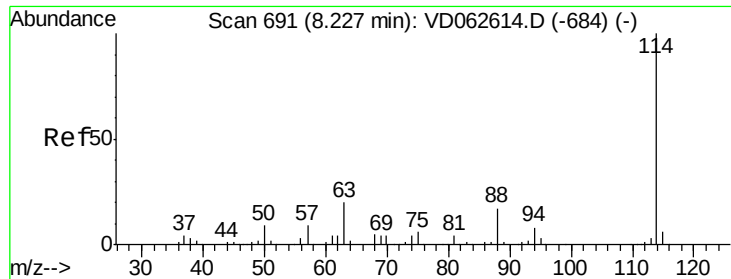
67 42.0 0.0 86.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

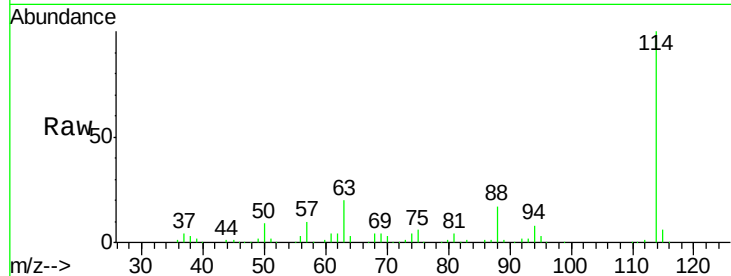




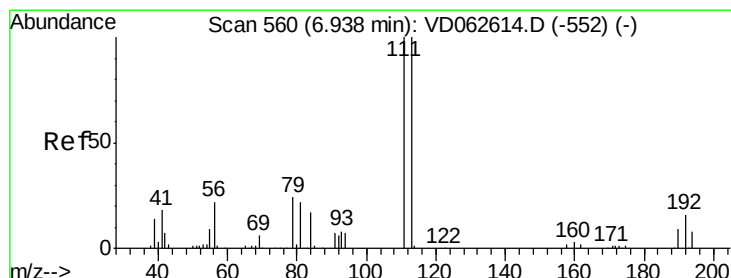
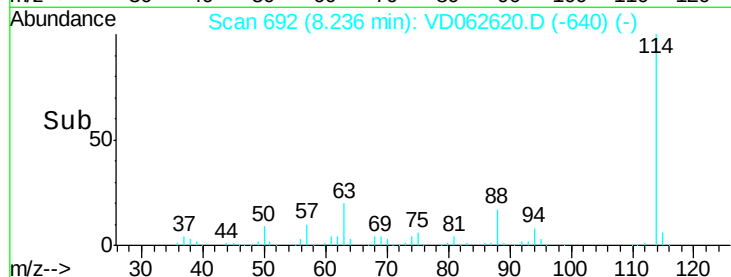
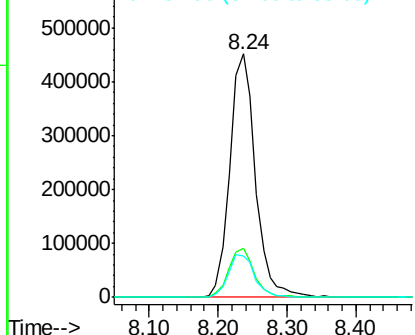
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062620.D
 Acq: 6 Jun 2019 11:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0605SBL01

Tot Ion:114 Resp: 1161349
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.0
 88 17.0 0.0 34.2

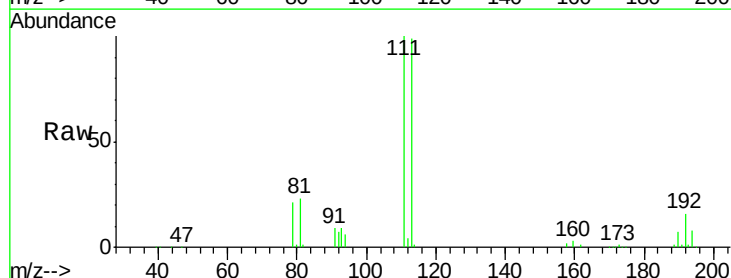


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

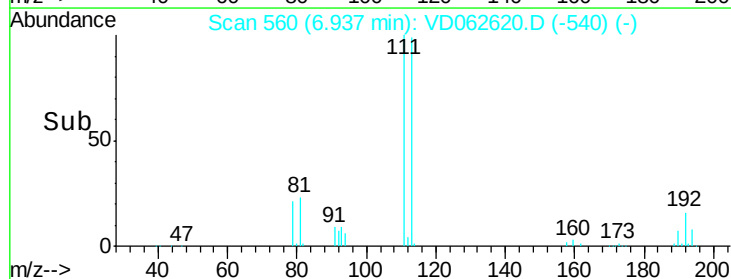
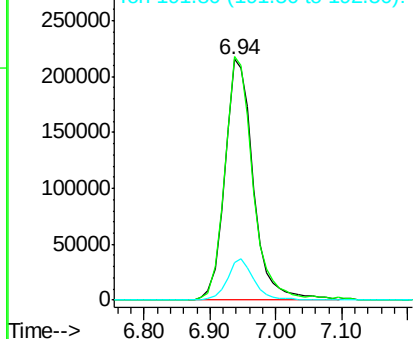


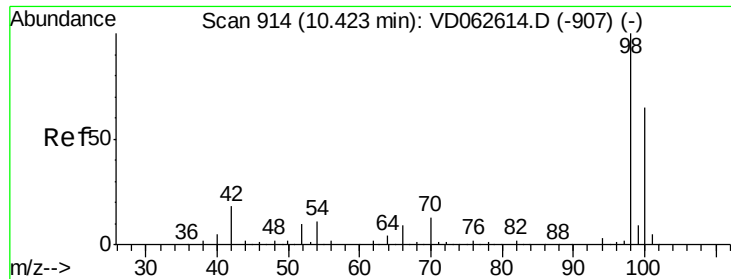
#35
 Dibromofluoromethane
 Concen: 54.967 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD062620.D
 Acq: 6 Jun 2019 11:40

Tgt Ion:113 Resp: 648805
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.1 120.1
 192 15.7 13.0 19.6



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: 51.883 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD062620.D

Acq: 6 Jun 2019 11:40

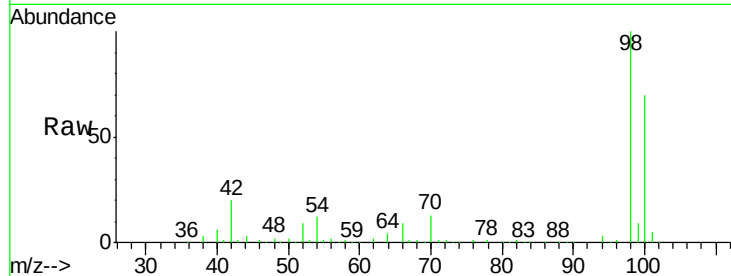
Instrument :
MSVOA_D
ClientSampleId :
VD0605SBL01

Tot Ion: 98 Resp: 1319270

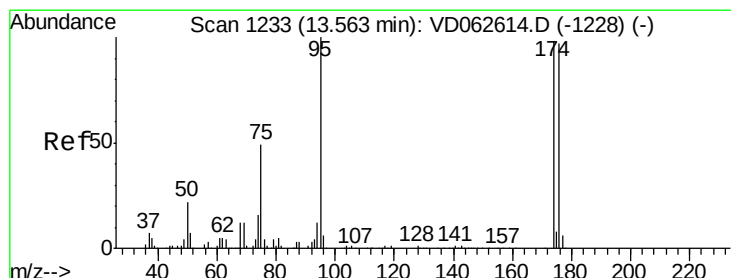
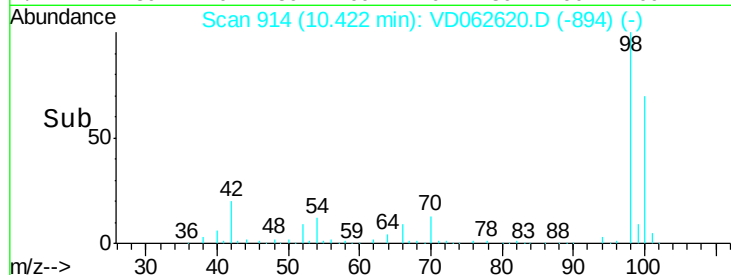
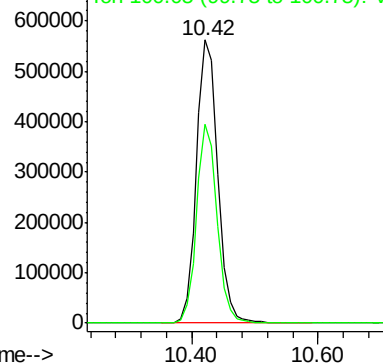
Ion Ratio Lower Upper

98 100

100 70.2 52.8 79.2



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



#62

4-Bromofluorobenzene

Concen: 49.602 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062620.D

Acq: 6 Jun 2019 11:40

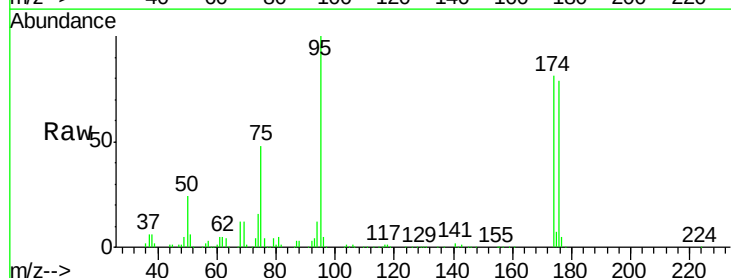
Tgt Ion: 95 Resp: 594602

Ion Ratio Lower Upper

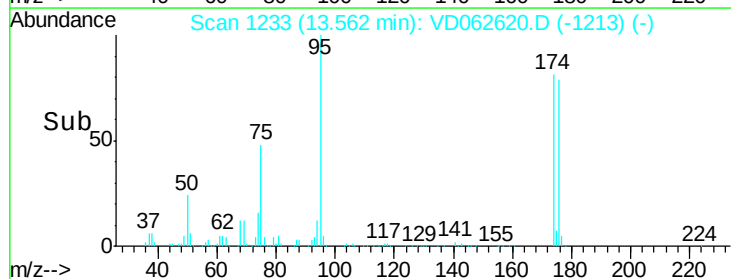
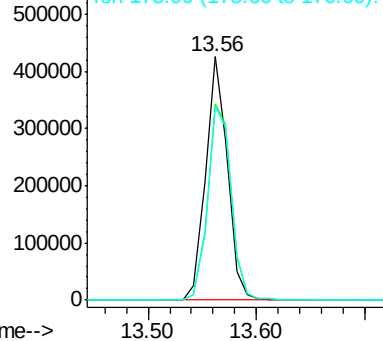
95 100

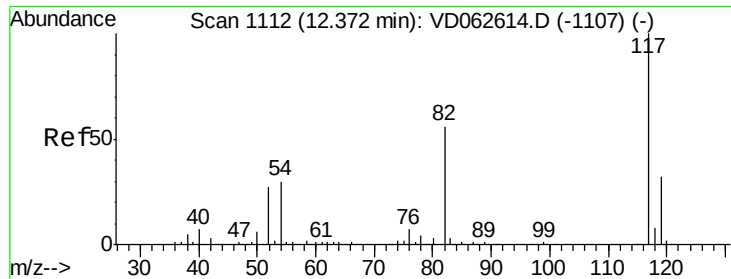
174 80.8 0.0 195.8

176 79.4 0.0 193.2



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

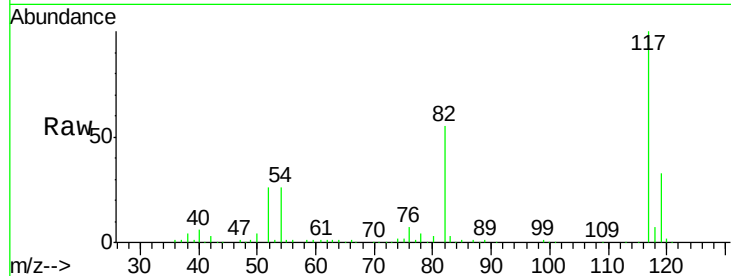




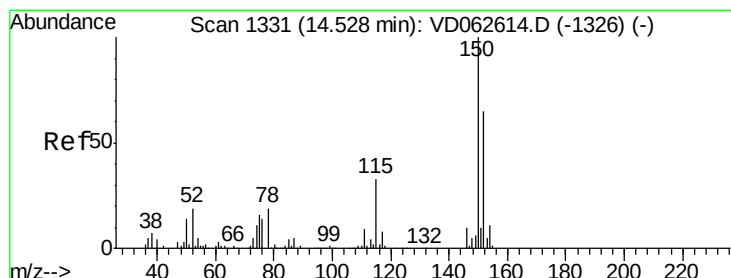
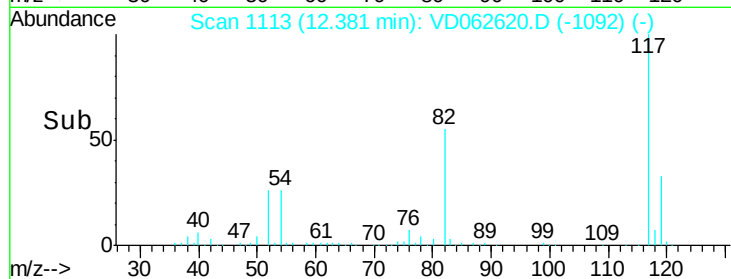
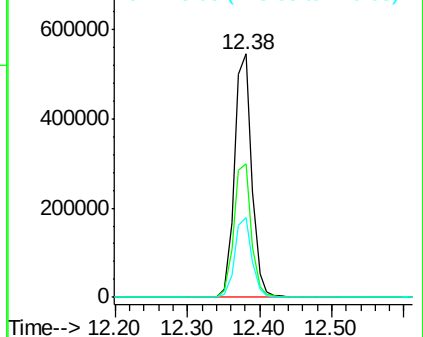
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062620.D
Acq: 6 Jun 2019 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD0605SBL01

Tot Ion:117 Resp: 918697
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 32.5 25.7 38.5

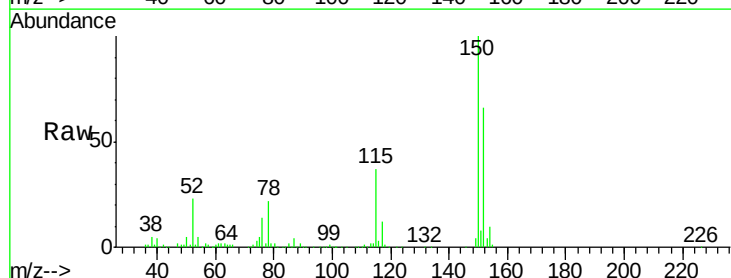


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062620.D
Acq: 6 Jun 2019 11:40

Tgt Ion:152 Resp: 516971
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 150.9 0.0 315.0



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

