

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062893.D
 Acq On : 25 Jun 2019 23:52
 Operator : VA/AP
 Sample : VD0625SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0625SBL02

Quant Time: Jun 26 07:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	924555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1310872	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1127447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	558330	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	531086	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	6.93	113	565668	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.41	98	1215949	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	13.56	95	545478	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

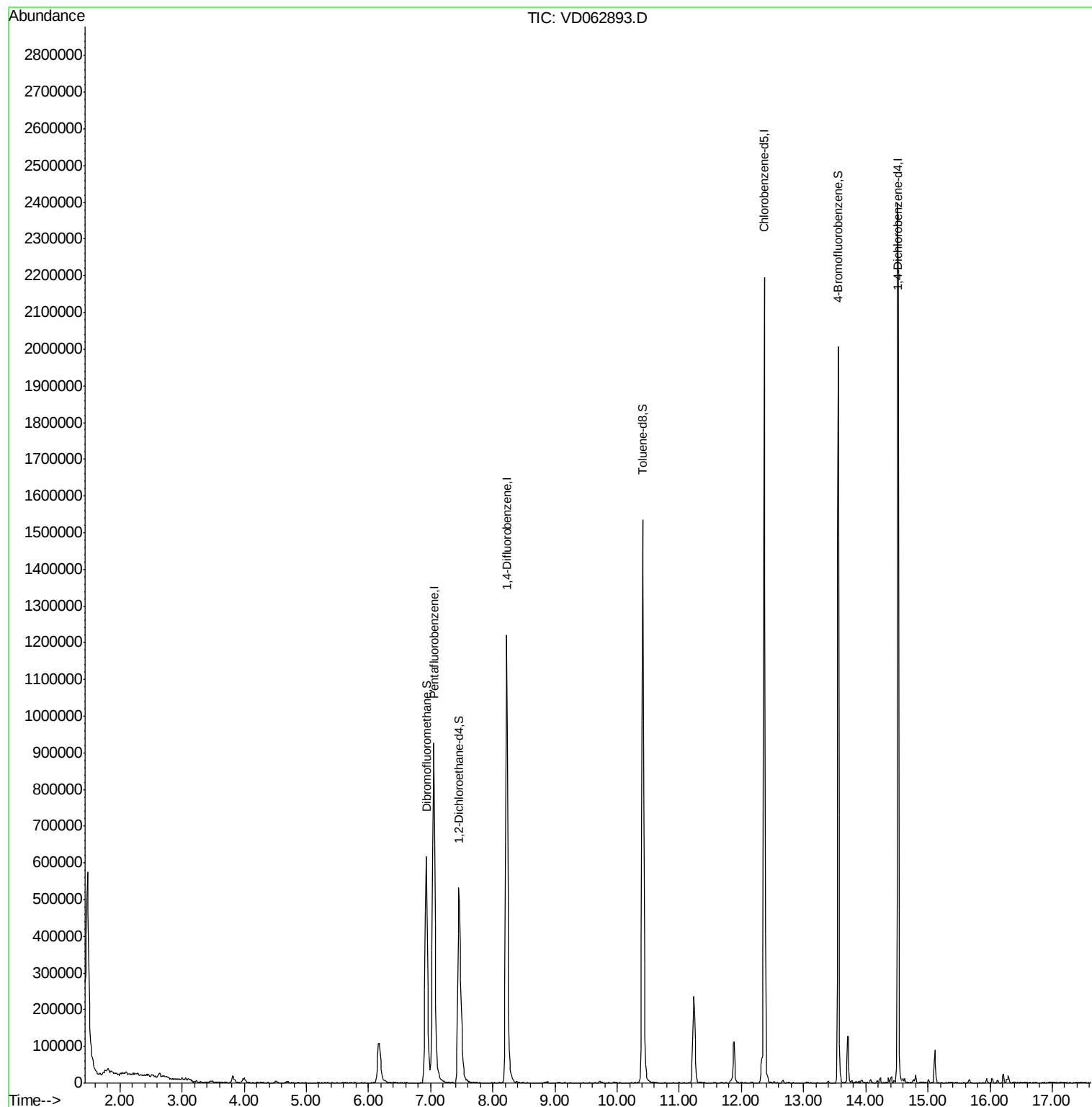
Target Compounds	Qvalue

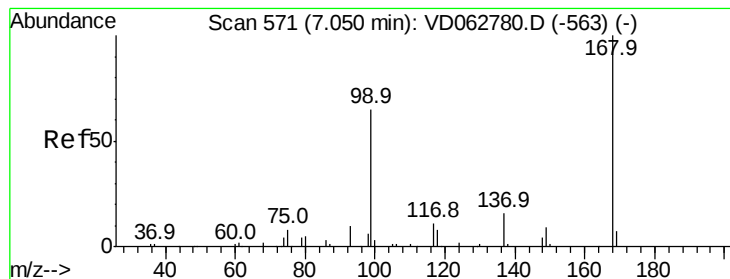
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062893.D

Acq: 25 Jun 2019 23:52

Instrument :

MSVOA_D

ClientSampleId :

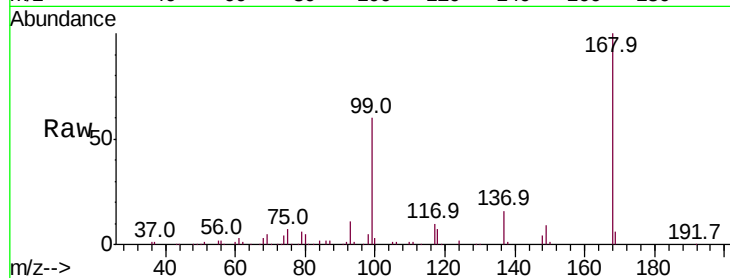
VD0625SBL02

Tot Ion:168 Resp: 924555

Ion Ratio Lower Upper

168 100

99 60.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

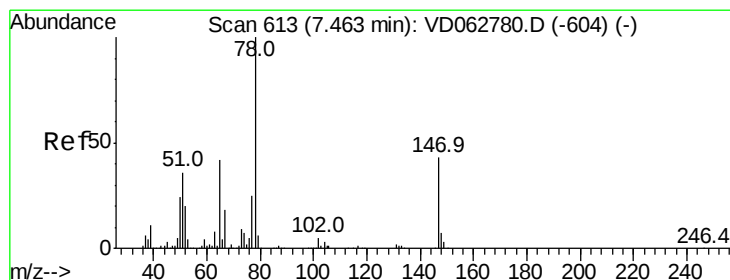
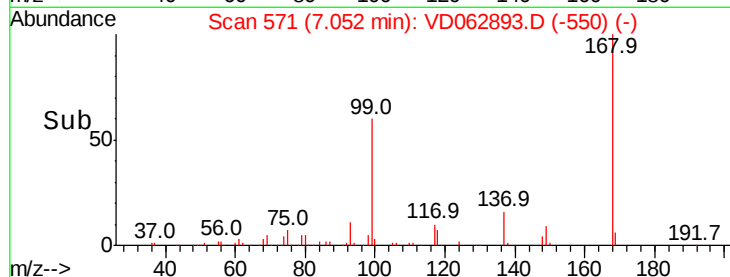
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.846 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062893.D

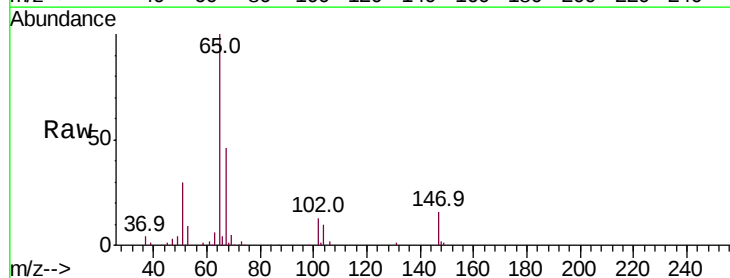
Acq: 25 Jun 2019 23:52

Tgt Ion: 65 Resp: 531086

Ion Ratio Lower Upper

65 100

67 46.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

150000

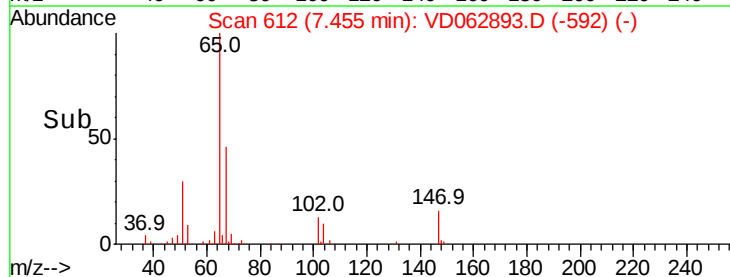
100000

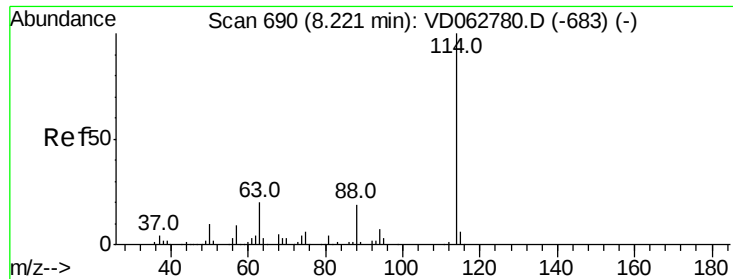
50000

0

7.30 7.40 7.50 7.60 7.70

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062893.D

Acq: 25 Jun 2019 23:52

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBL02

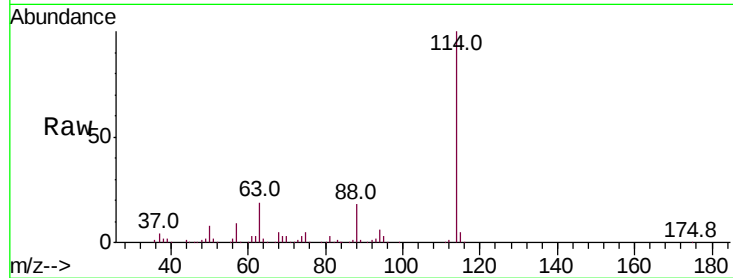
Tot Ion:114 Resp: 1310872

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

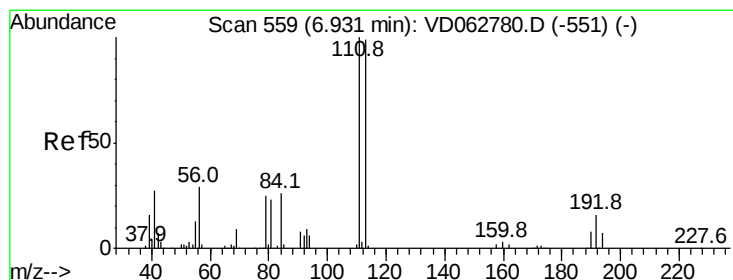
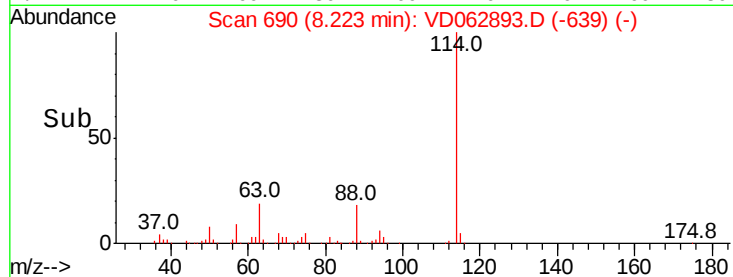
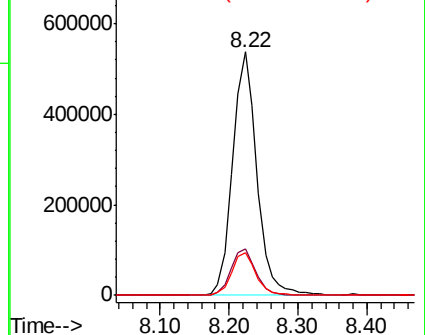
88 17.8 0.0 38.8



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: 51.177 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062893.D

Acq: 25 Jun 2019 23:52

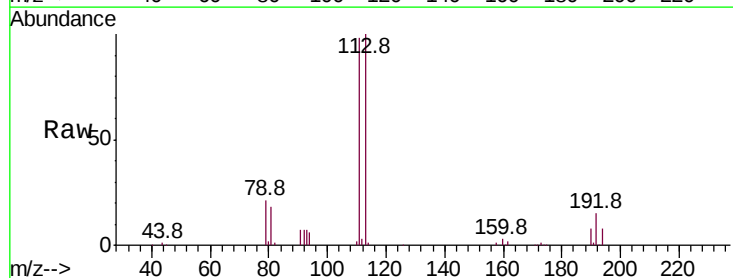
Tgt Ion:113 Resp: 565668

Ion Ratio Lower Upper

113 100

111 97.7 81.2 121.8

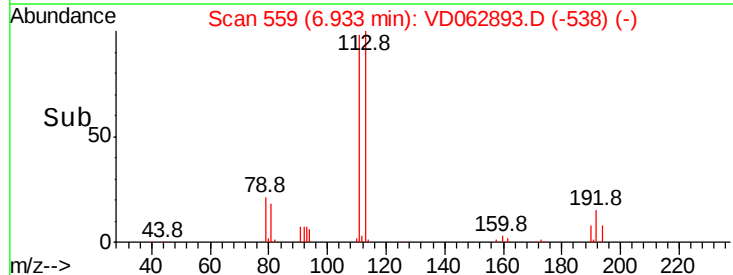
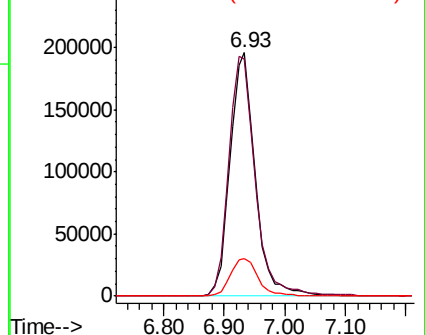
192 15.5 12.9 19.3

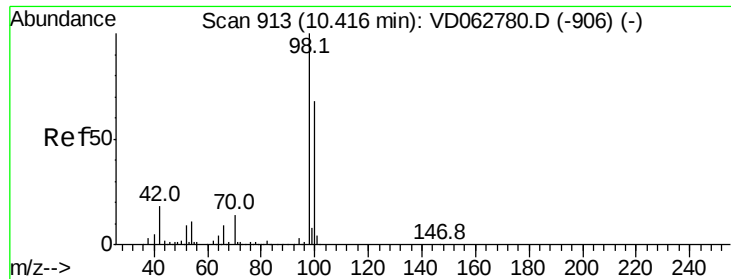


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

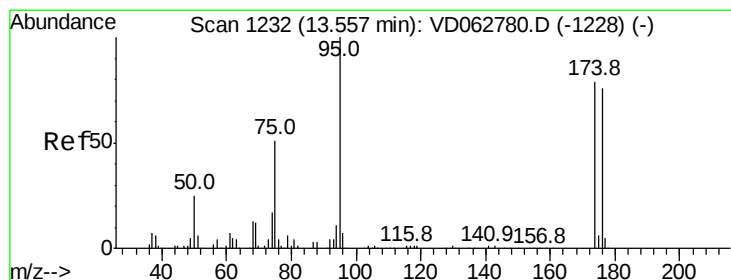
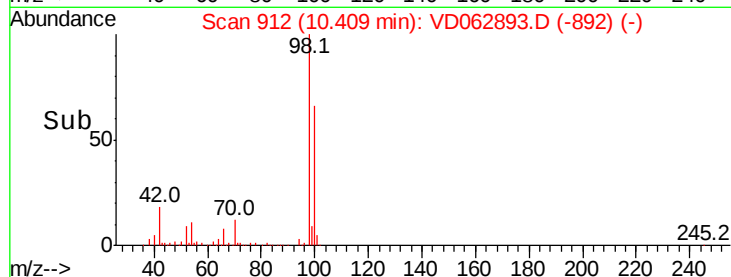
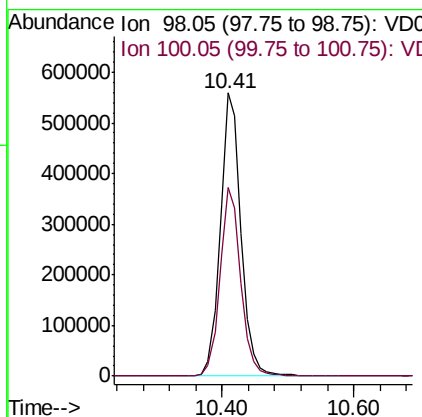
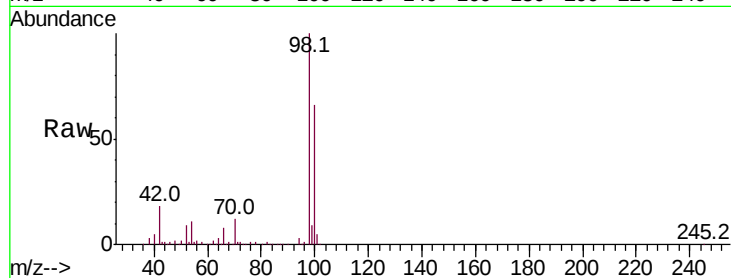




#50
Toluene-d8
Concen: 50.545 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062893.D
Acq: 25 Jun 2019 23:52

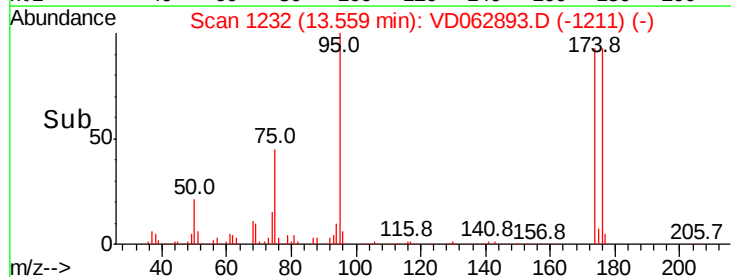
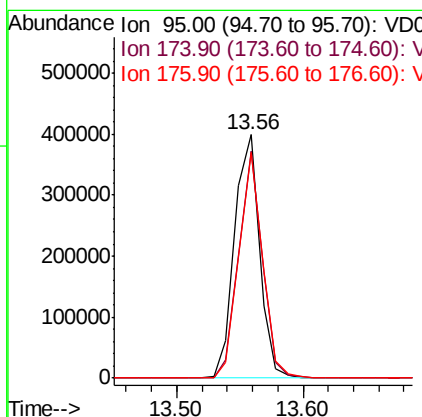
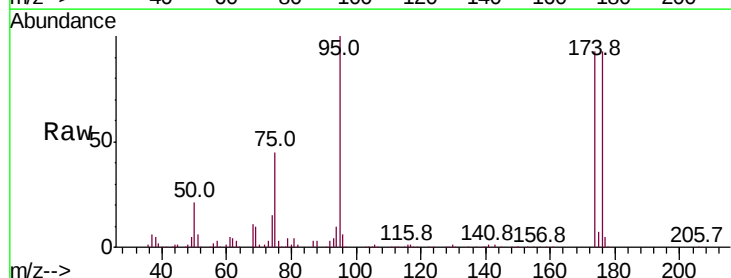
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL02

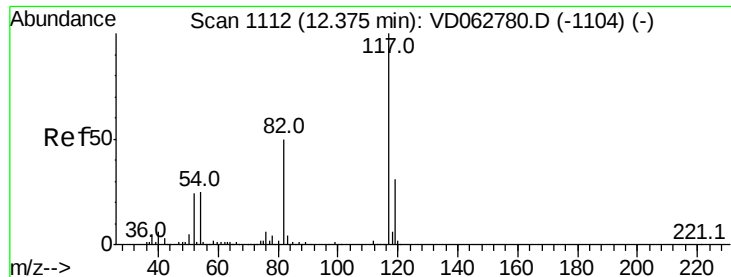
Tot Ion: 98 Resp: 1215949
Ion Ratio Lower Upper
98 100
100 66.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 49.866 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062893.D
Acq: 25 Jun 2019 23:52

Tgt Ion: 95 Resp: 545478
Ion Ratio Lower Upper
95 100
174 93.3 0.0 158.0
176 92.8 0.0 151.6

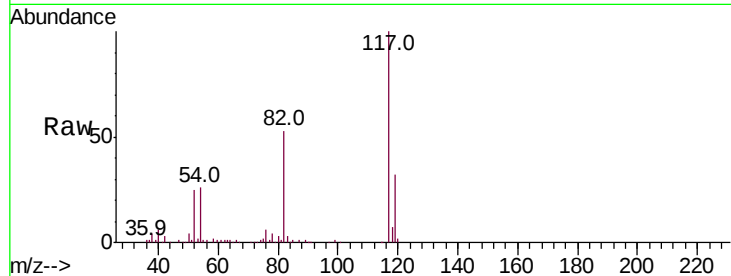




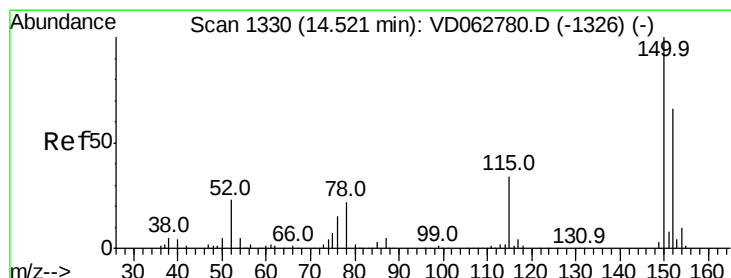
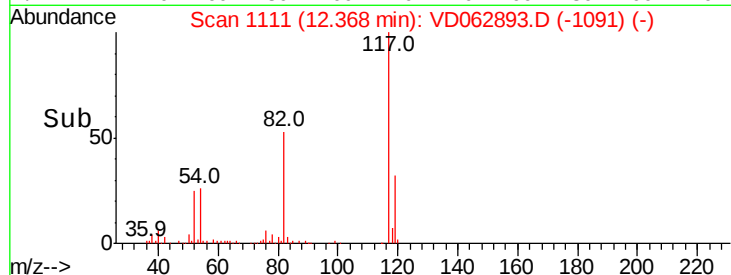
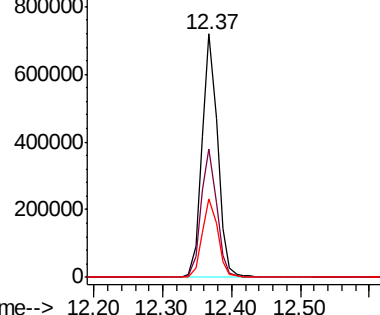
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062893.D
Acq: 25 Jun 2019 23:52

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL02

Tot Ion:117 Resp: 1127447
Ion Ratio Lower Upper
117 100
82 52.6 40.4 60.6
119 32.1 25.2 37.8

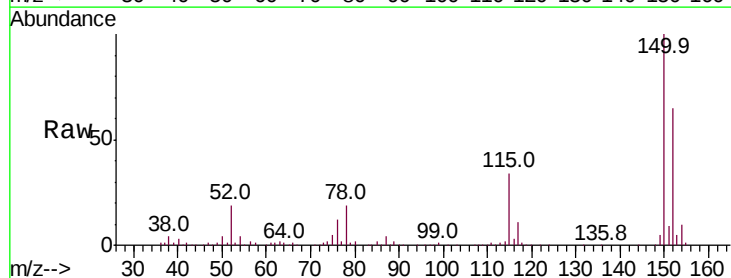


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062893.D
Acq: 25 Jun 2019 23:52

Tgt Ion:152 Resp: 558330
Ion Ratio Lower Upper
152 100
115 52.6 29.2 87.6
150 154.4 0.0 305.8



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

