

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062323.D
 Acq On : 14 May 2019 1:07
 Operator : FY/SY
 Sample : K2735-01
 Misc : 6.11g/5mL/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-0206-01

Quant Time: May 14 06:17:00 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	7.06	168	606741	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	912410	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	644704	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	252059	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	259037	45.94	ug/l	0.04
Spiked Amount			Recovery	=	91.88%	
35) Dibromofluoromethane	6.94	113	319902	42.26	ug/l	0.05
Spiked Amount			Recovery	=	84.52%	
50) Toluene-d8	10.43	98	605026	33.15	ug/l	0.03
Spiked Amount			Recovery	=	66.30%	
62) 4-Bromofluorobenzene	13.57	95	223773	30.53	ug/l	0.02
Spiked Amount			Recovery	=	61.06%	

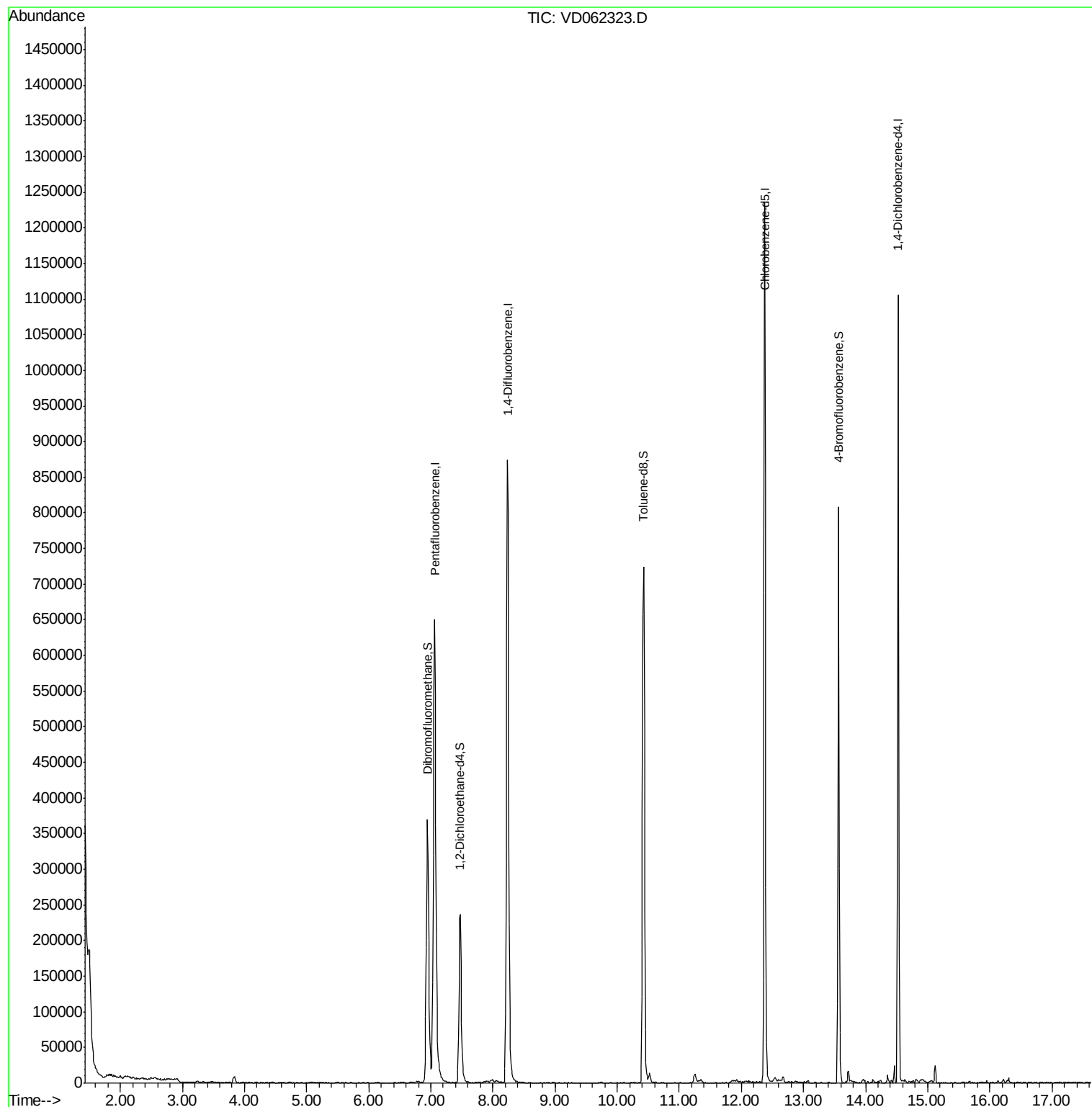
Target Compounds	Qvalue
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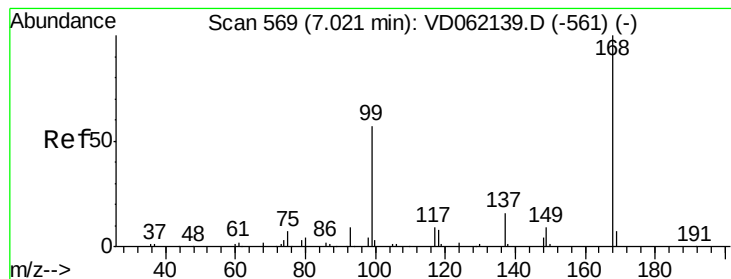
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

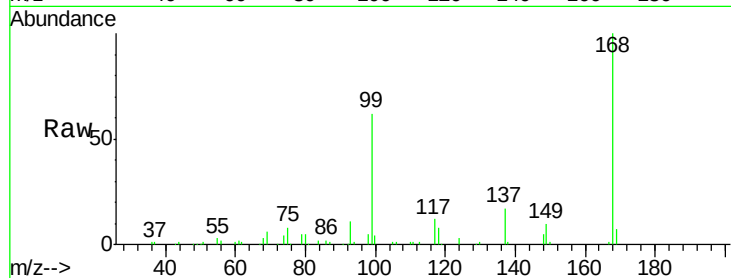
P026-SS015-0206-01

Tot Ion:168 Resp: 606741

Ion Ratio Lower Upper

168 100

99 62.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

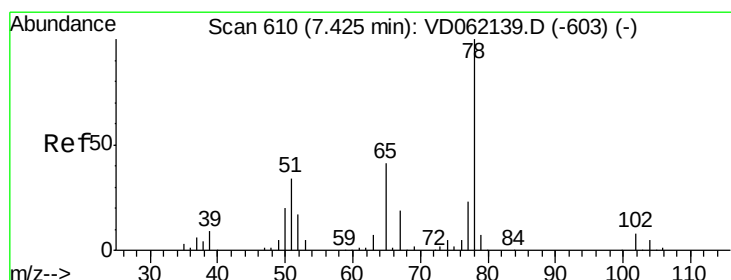
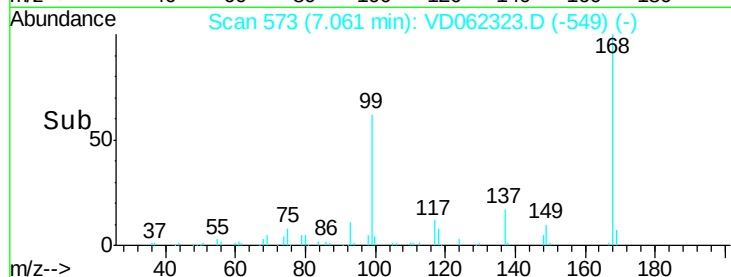
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 45.941 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062323.D

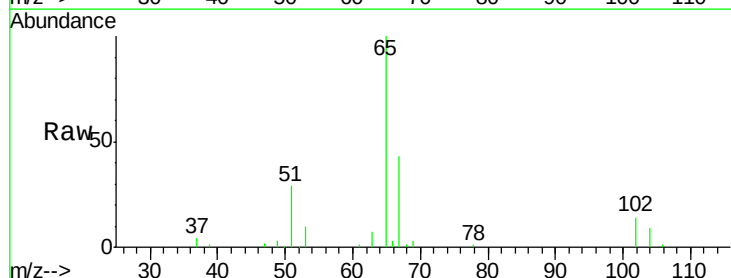
Acq: 14 May 2019 1:07

Tgt Ion: 65 Resp: 259037

Ion Ratio Lower Upper

65 100

67 43.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

100000

80000

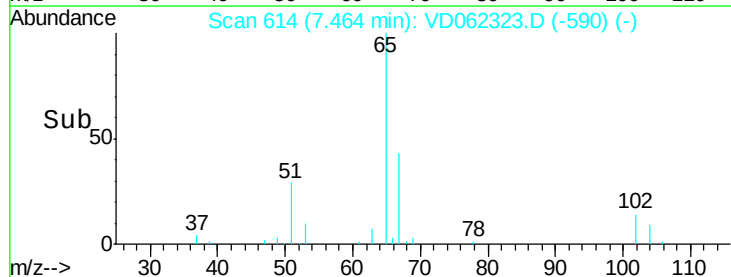
60000

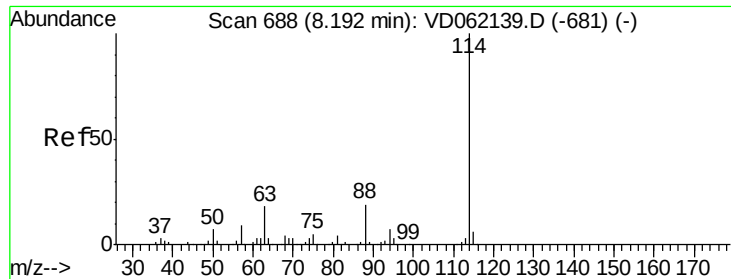
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

Instrument :

MSVOA_D

ClientSampleId :

P026-SS015-0206-01

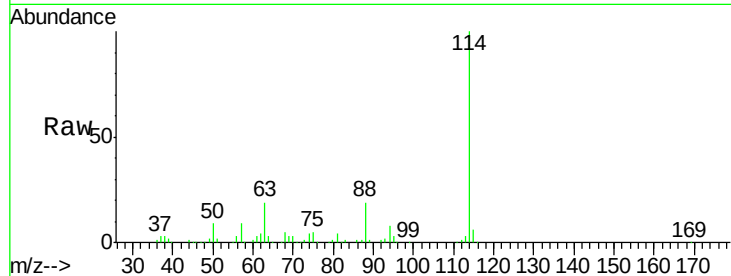
Tot Ion:114 Resp: 912410

Ion Ratio Lower Upper

114 100

63 18.9 0.0 32.4

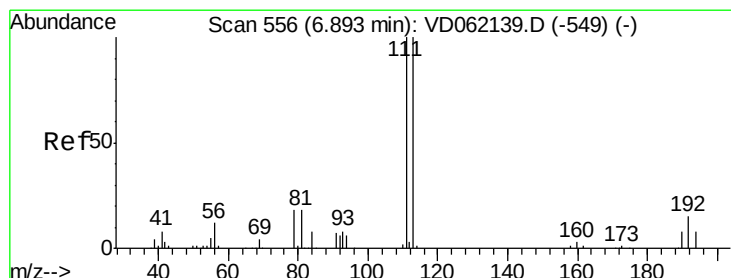
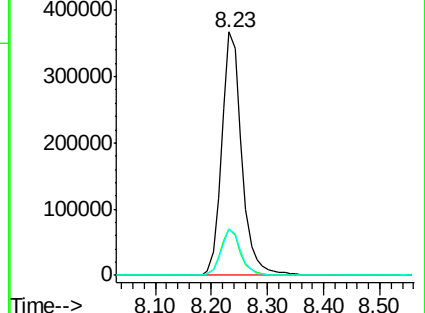
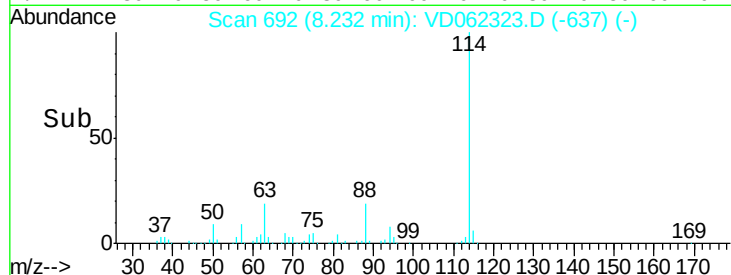
88 19.1 0.0 33.6



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: 42.257 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062323.D

Acq: 14 May 2019 1:07

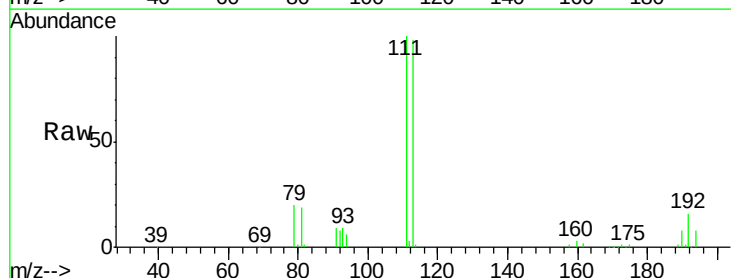
Tgt Ion:113 Resp: 319902

Ion Ratio Lower Upper

113 100

111 101.7 78.5 117.7

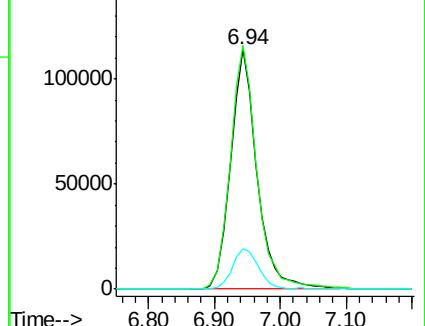
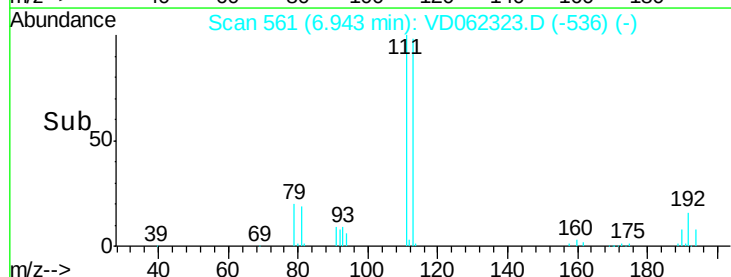
192 16.5 13.0 19.4

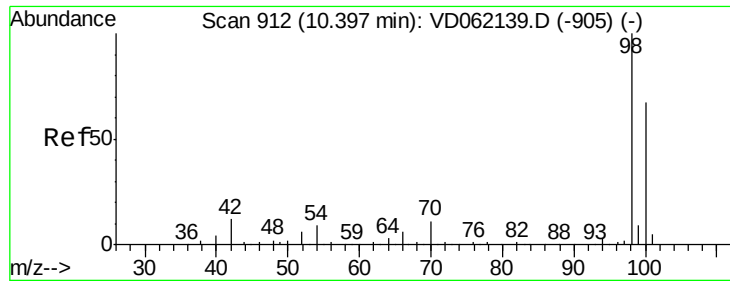


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

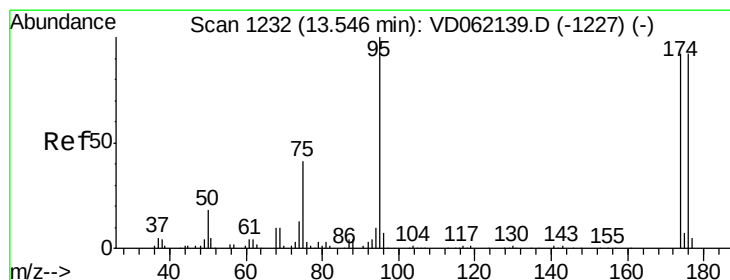
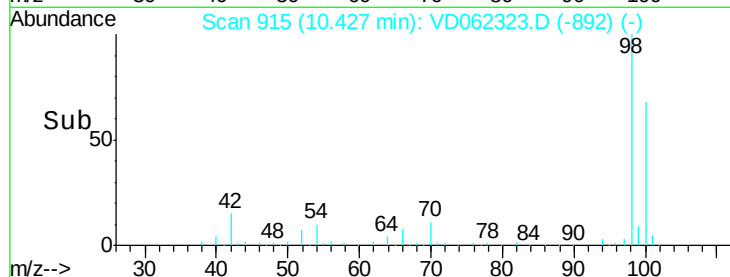
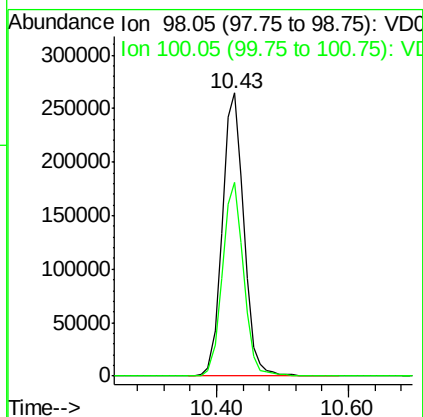
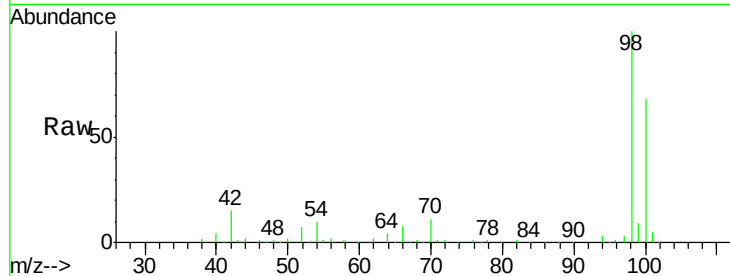




#50
Toluene-d8
Concen: 33.147 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

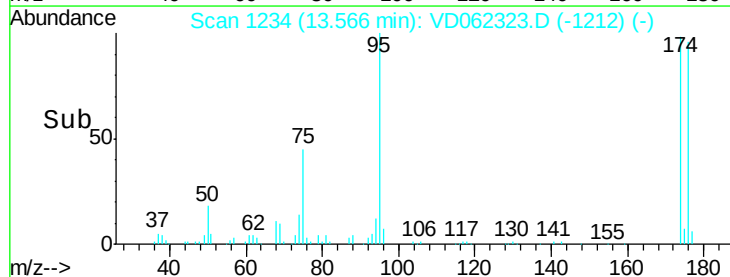
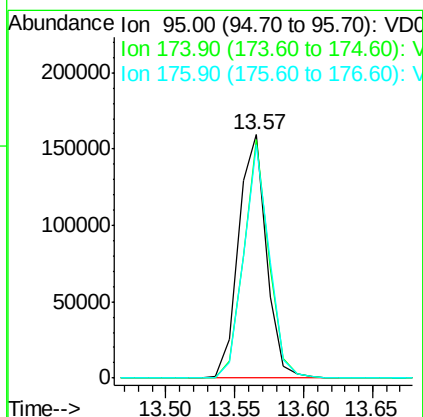
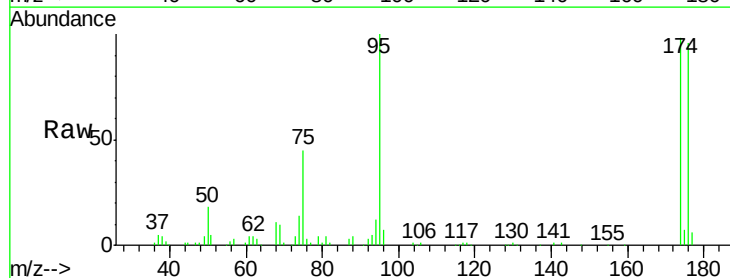
Instrument :
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P026-SS015-0206-01

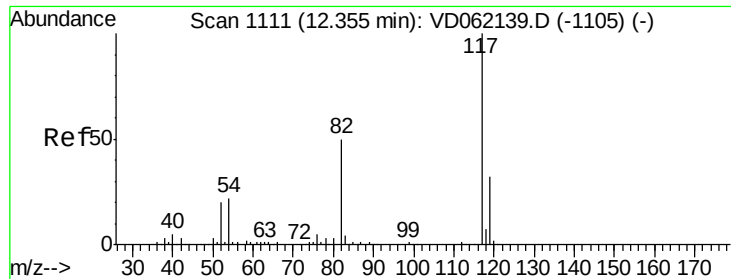
Tot Ion: 98 Resp: 605026
Ion Ratio Lower Upper
98 100
100 68.4 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 30.530 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

Tgt Ion: 95 Resp: 223773
Ion Ratio Lower Upper
95 100
174 98.1 0.0 181.8
176 96.0 0.0 174.4

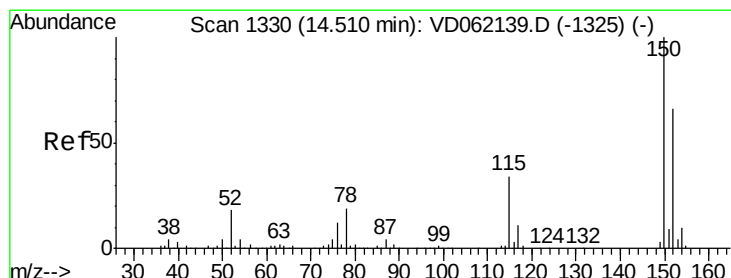
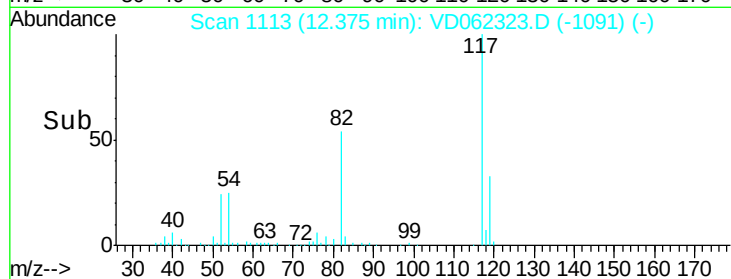
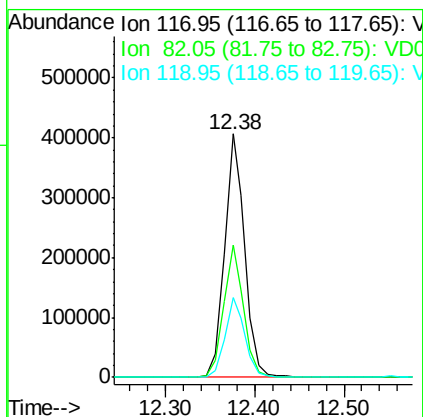
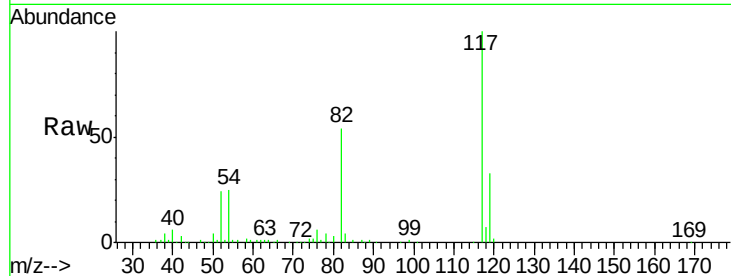




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

Instrument :
MSVOA_D
ClientSampleId :
P026-SS015-0206-01

Tot Ion:117 Resp: 644704
Ion Ratio Lower Upper
117 100
82 54.3 36.2 54.2#
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062323.D
Acq: 14 May 2019 1:07

Tgt Ion:152 Resp: 252059
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.7
150 156.7 0.0 314.8

