

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062194.D
 Acq On : 9 May 2019 17:55
 Operator : FY/SY
 Sample : K2717-09
 Misc : 5.31g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01

Quant Time: May 10 05:16:44 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	7.02	168	801411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1074588	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	813156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	363729	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	416505	55.92	ug/l	0.01
Spiked Amount			Recovery	=	111.84%	
35) Dibromofluoromethane	6.90	113	530714	59.52	ug/l	0.01
Spiked Amount			Recovery	=	119.04%	
50) Toluene-d8	10.39	98	1045997	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	13.55	95	400558	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

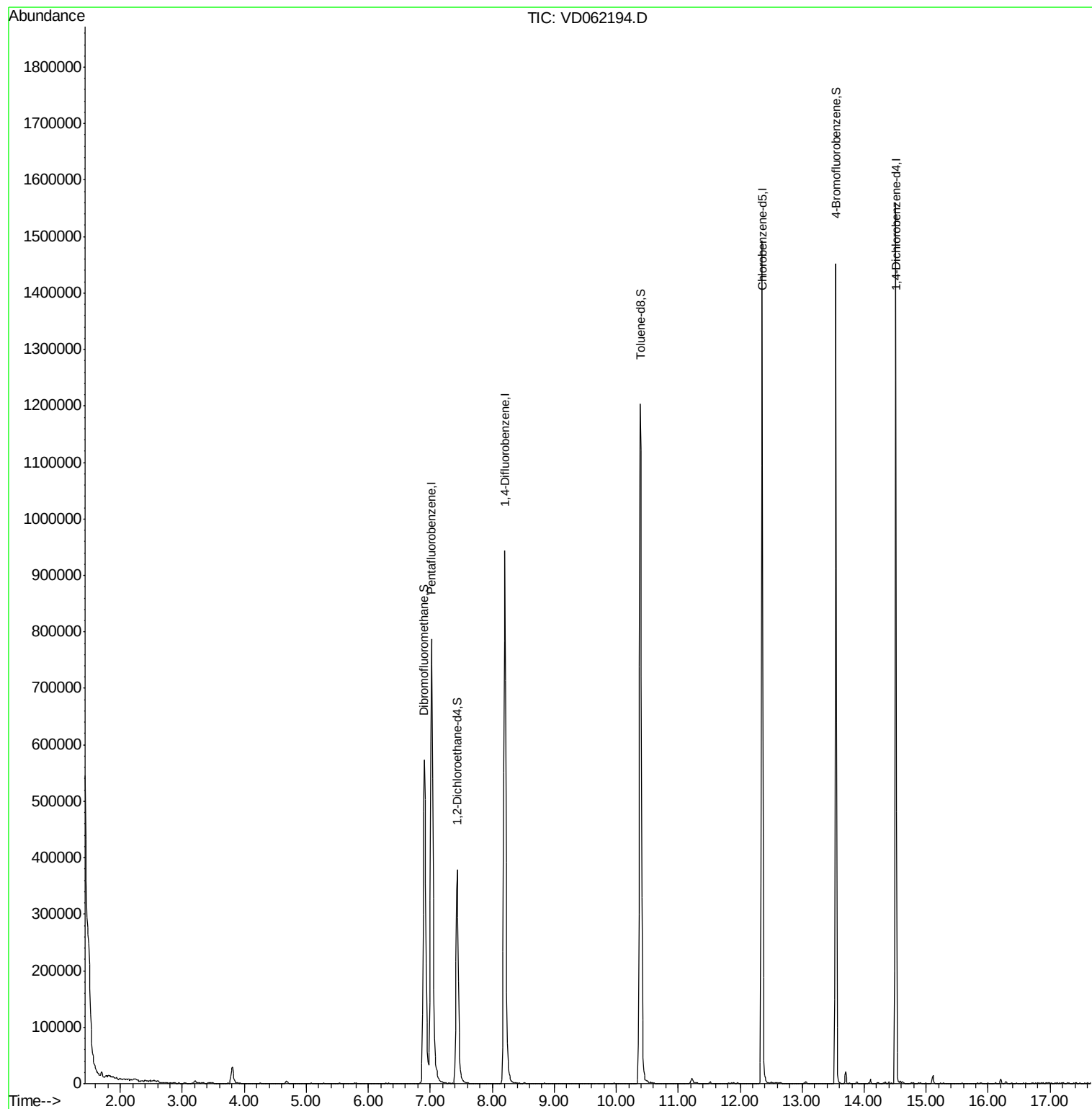
Target Compounds	Qvalue
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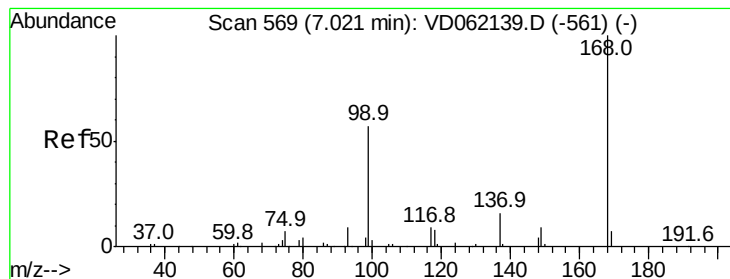
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062194.D

Acq: 9 May 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

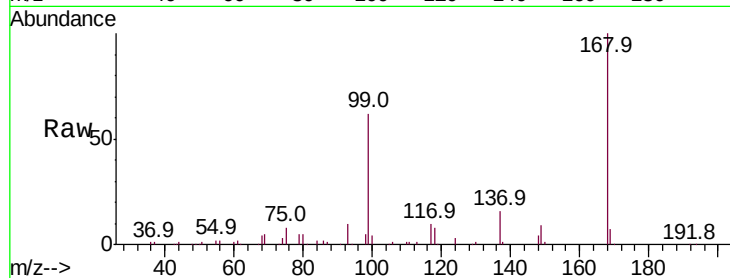
P026-SS002-1218-01

Tot Ion:168 Resp: 801411

Ion Ratio Lower Upper

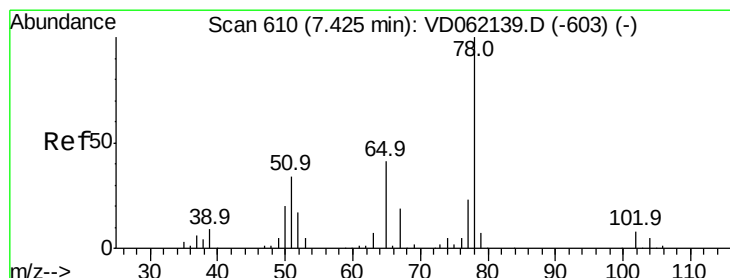
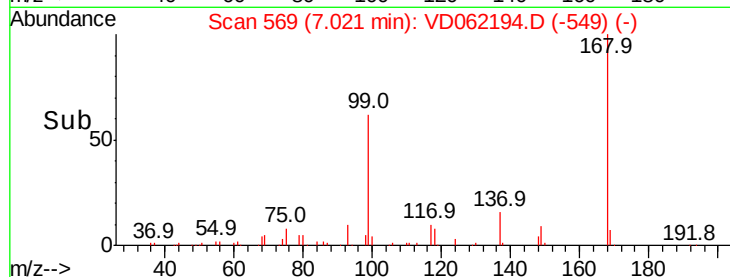
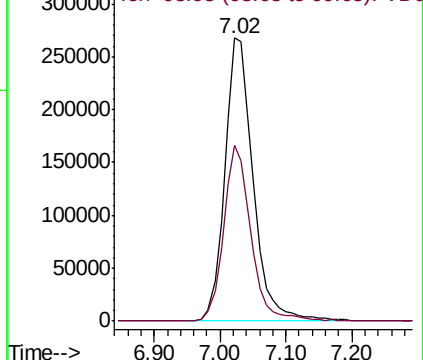
168 100

99 62.2 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: 55.925 ug/l

RT: 7.43 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD062194.D

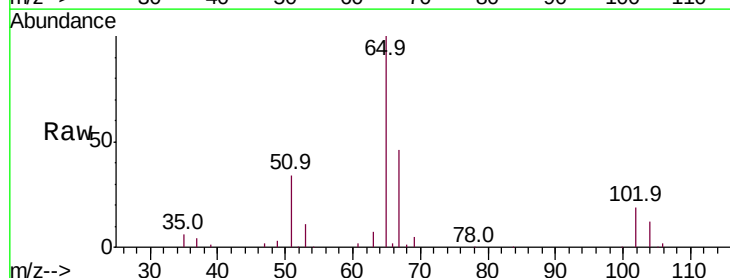
Acq: 9 May 2019 17:55

Tgt Ion: 65 Resp: 416505

Ion Ratio Lower Upper

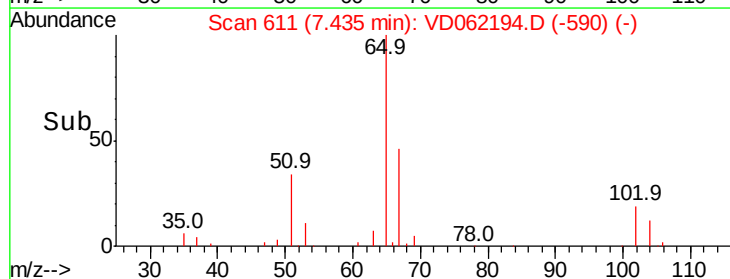
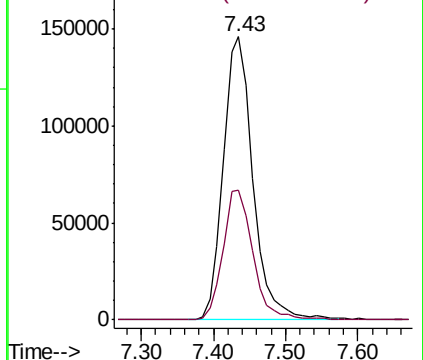
65 100

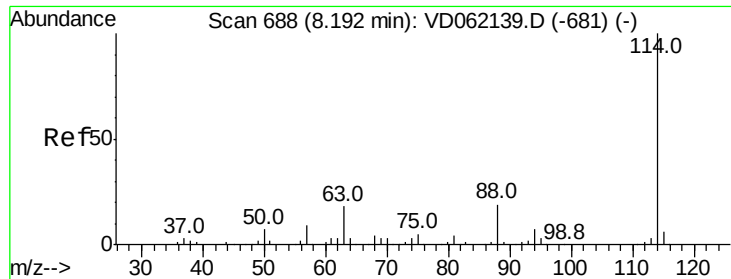
67 45.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

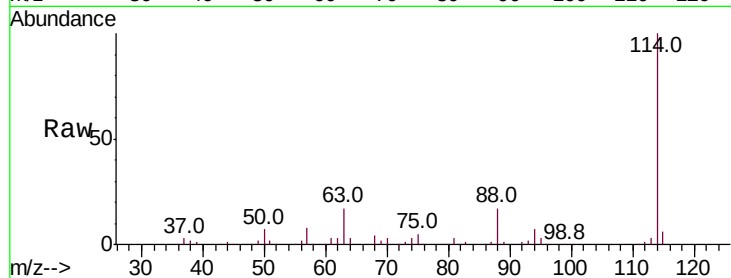




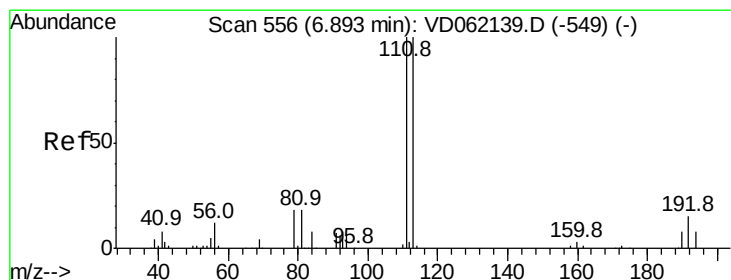
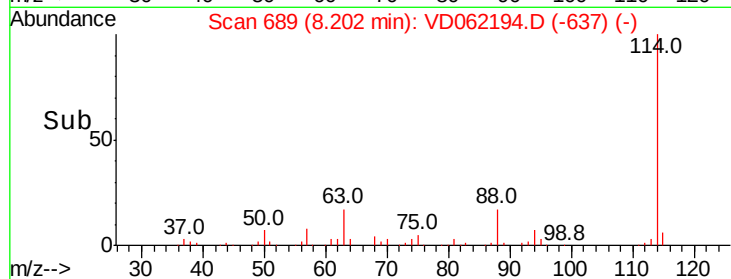
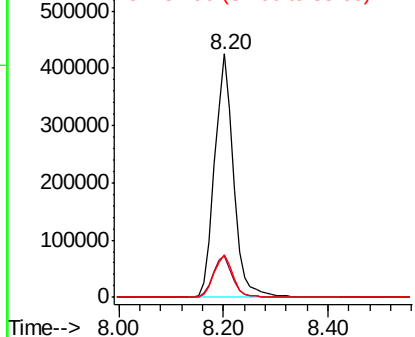
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062194.D
 Acq: 9 May 2019 17:55

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01

Tot Ion:114 Resp: 1074588
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 32.4
 88 17.5 0.0 33.6

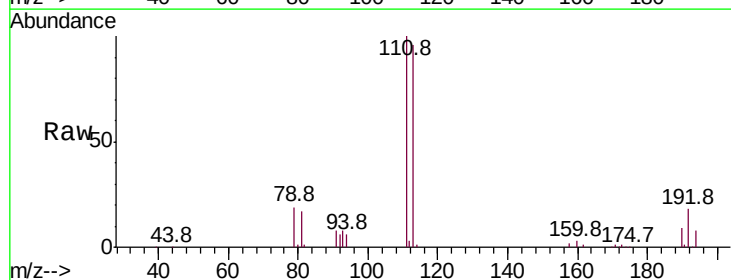


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

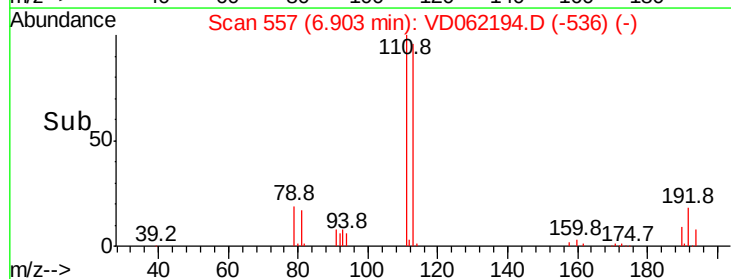
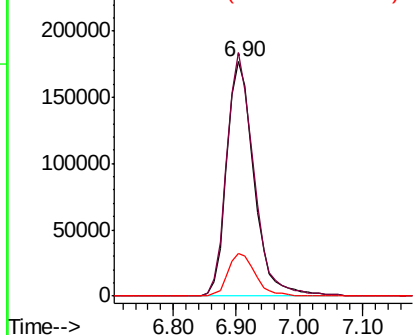


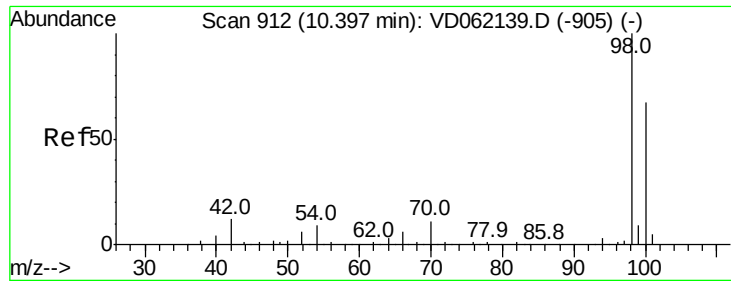
#35
 Dibromofluoromethane
 Concen: 59.524 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD062194.D
 Acq: 9 May 2019 17:55

Tgt Ion:113 Resp: 530714
 Ion Ratio Lower Upper
 113 100
 111 103.8 78.5 117.7
 192 18.3 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: 48.658 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062194.D

Acq: 9 May 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

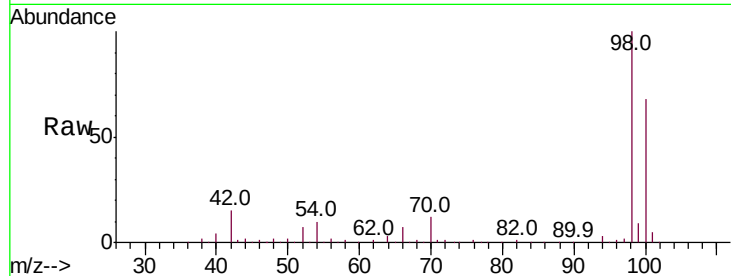
P026-SS002-1218-01

Tot Ion: 98 Resp: 1045997

Ion Ratio Lower Upper

98 100

100 68.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.39

400000

300000

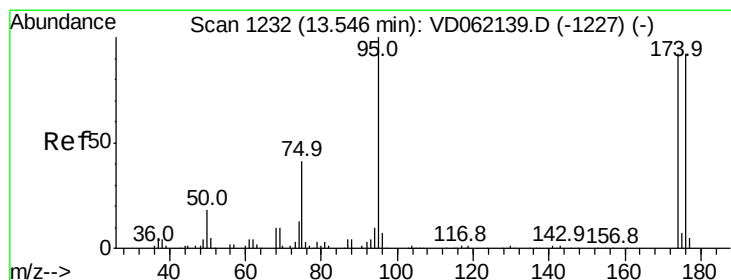
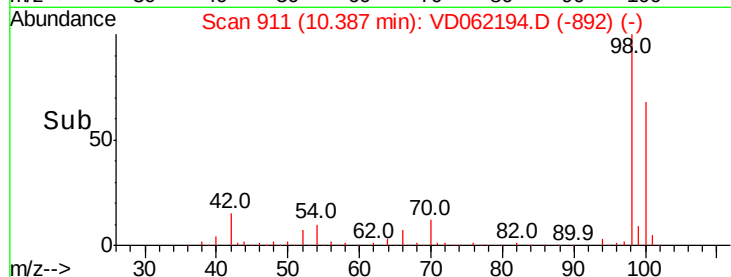
200000

100000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.401 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062194.D

Acq: 9 May 2019 17:55

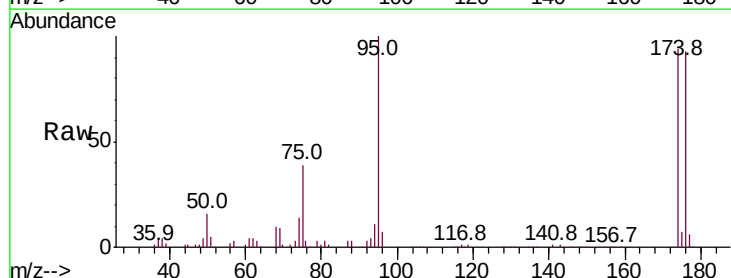
Tgt Ion: 95 Resp: 400558

Ion Ratio Lower Upper

95 100

174 93.6 0.0 181.8

176 93.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.55

400000

300000

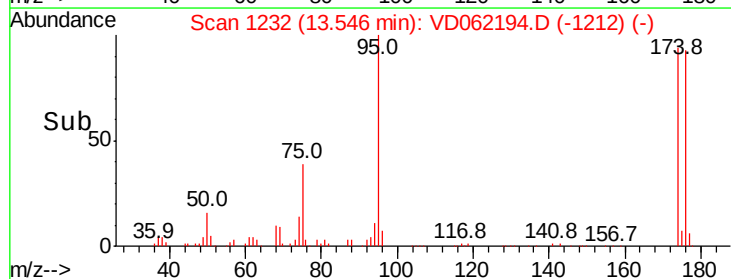
200000

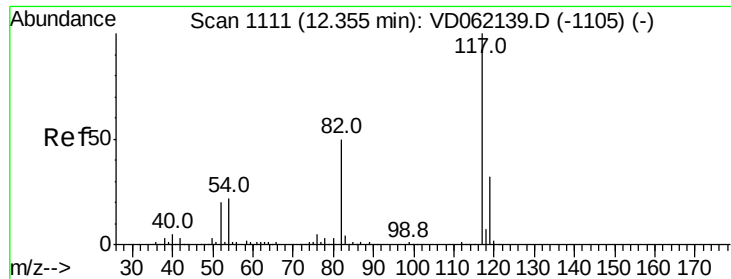
100000

0

Time-->

13.50 13.60

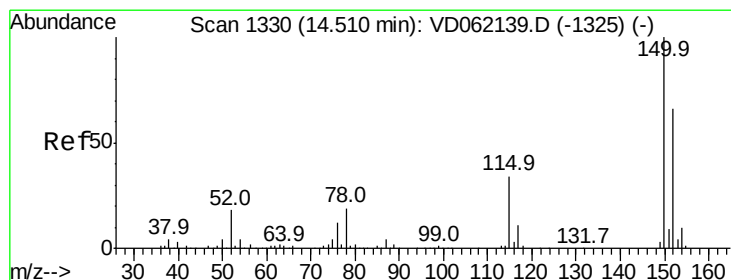
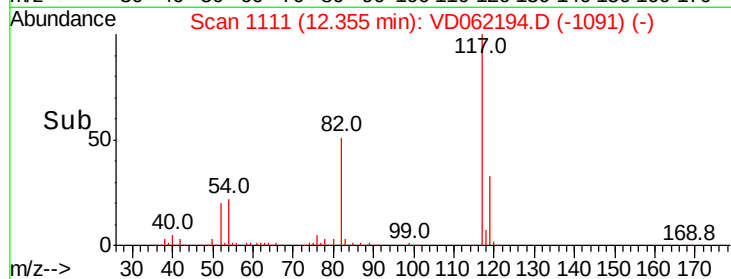
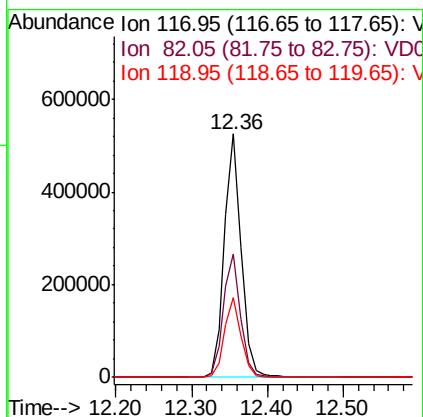
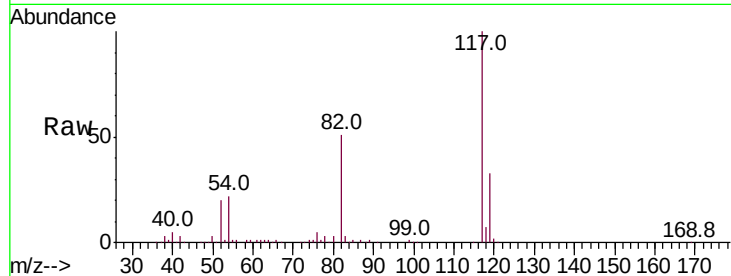




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062194.D
Acq: 9 May 2019 17:55

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1218-01

Tot Ion:117 Resp: 813156
Ion Ratio Lower Upper
117 100
82 50.9 36.2 54.2
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062194.D
Acq: 9 May 2019 17:55

Tgt Ion:152 Resp: 363729
Ion Ratio Lower Upper
152 100
115 53.5 30.9 92.7
150 153.8 0.0 314.8

