

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062311.D
 Acq On : 13 May 2019 18:11
 Operator : FY/SY
 Sample : K2733-08RE
 Misc : 7.01g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-1824-01RE

Quant Time: May 14 05:52:20 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	492644	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	700971	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	495390	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	195857	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	226064	49.38	ug/l	0.04
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	6.94	113	246378	42.36	ug/l	0.05
Spiked Amount	50.000		Recovery	=	84.72%	
50) Toluene-d8	10.43	98	490570	34.98	ug/l	0.03
Spiked Amount	50.000		Recovery	=	69.96%	
62) 4-Bromofluorobenzene	13.56	95	163514	29.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	58.08%	

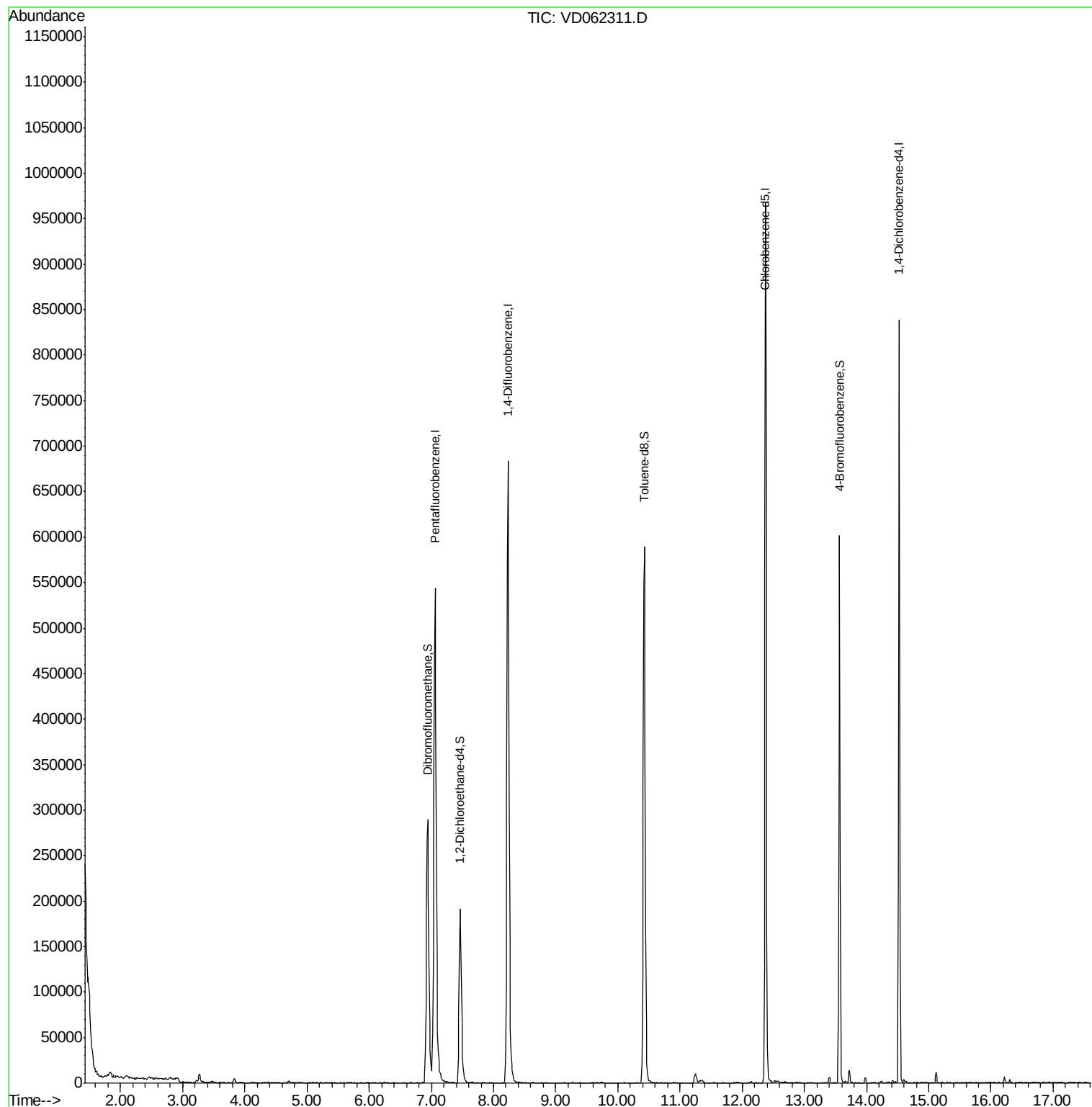
Target Compounds	Qvalue

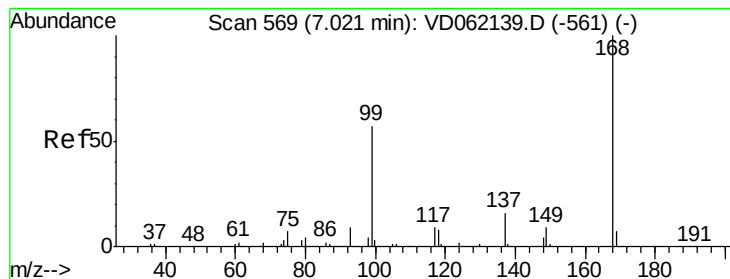
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\
Data File : VD062311.D
Acq On : 13 May 2019 18:11
Operator : FY/SY
Sample : K2733-08RE
Misc : 7.01µ/5mL/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-1824-01RE

Quant Time: May 14 05:52:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062311.D

Acq: 13 May 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

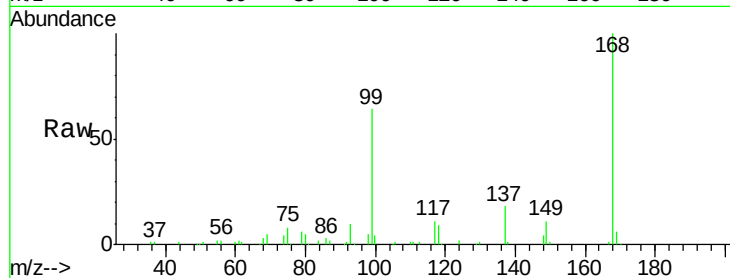
P021-SS001-1824-01RE

Tot Ion:168 Resp: 492644

Ion Ratio Lower Upper

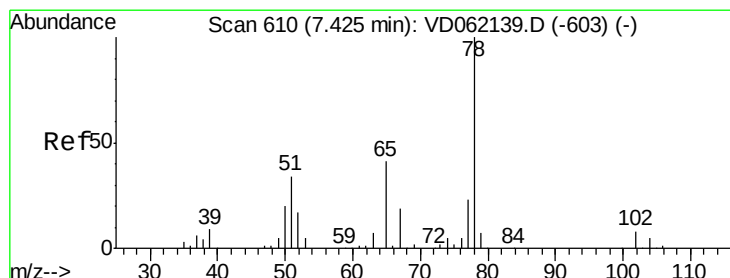
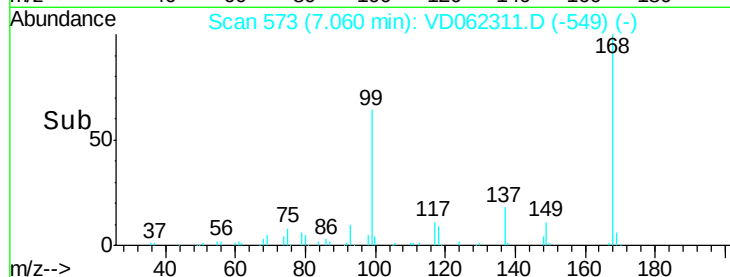
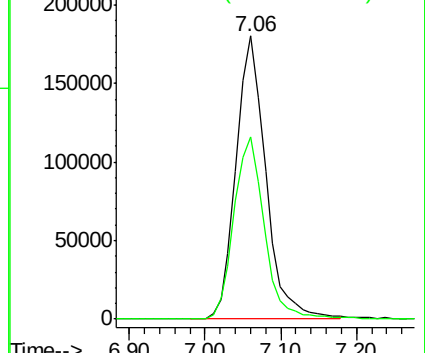
168 100

99 64.3 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: 49.378 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062311.D

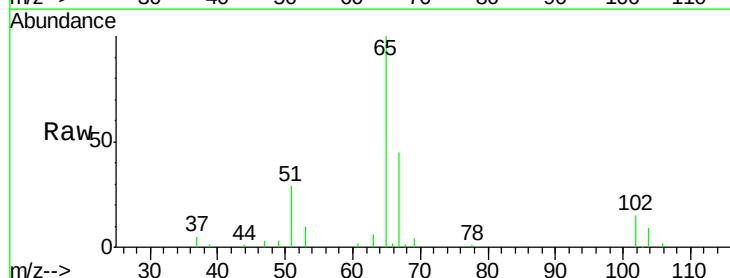
Acq: 13 May 2019 18:11

Tgt Ion: 65 Resp: 226064

Ion Ratio Lower Upper

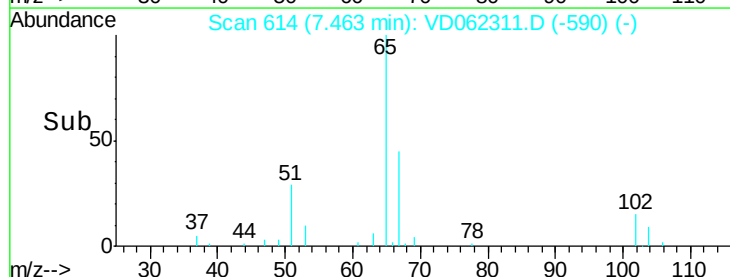
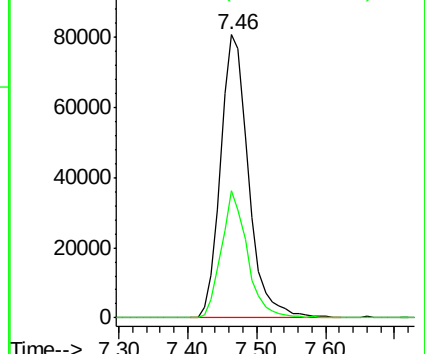
65 100

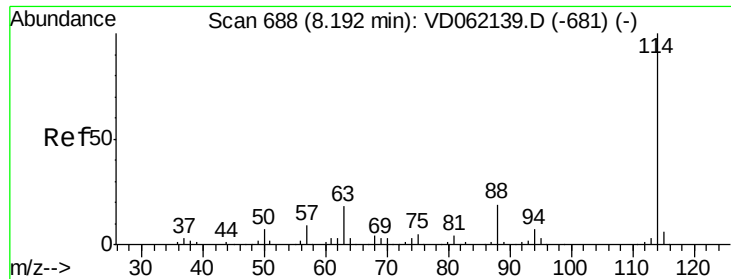
67 45.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

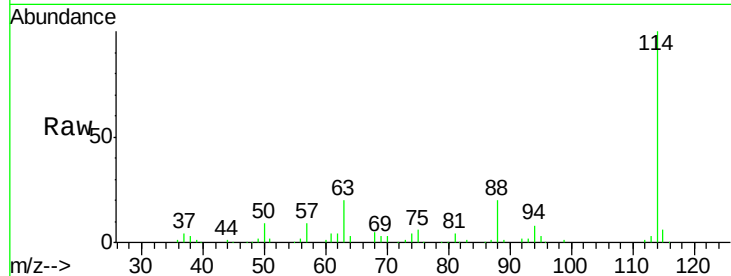




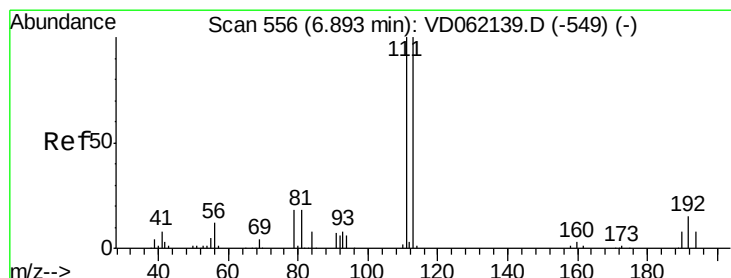
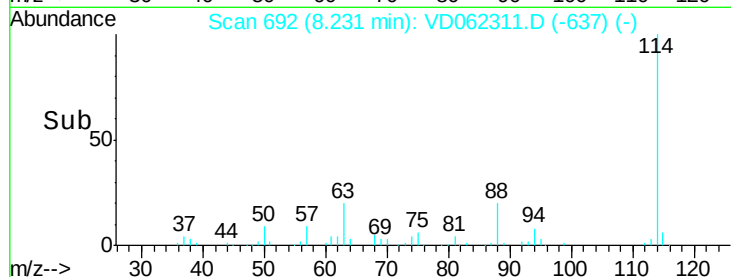
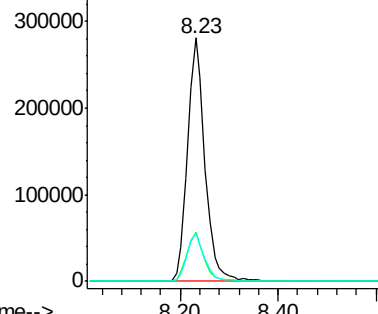
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062311.D
 Acq: 13 May 2019 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-1824-01RE

Tot Ion:114 Resp: 700971
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 32.4
 88 19.7 0.0 33.6

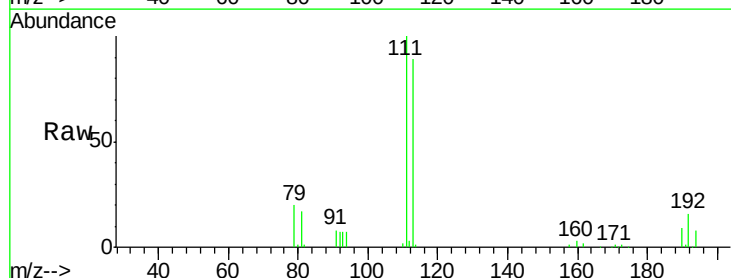


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

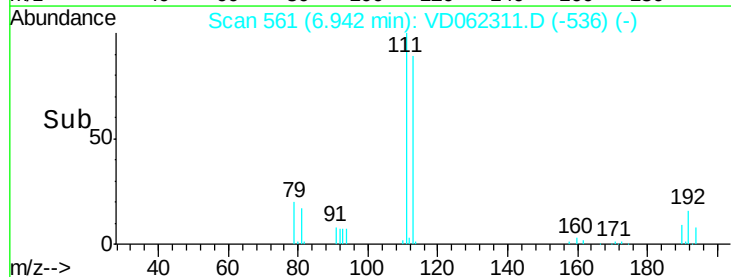
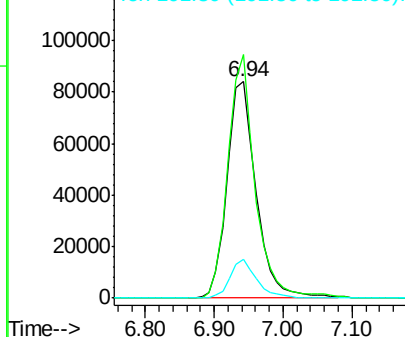


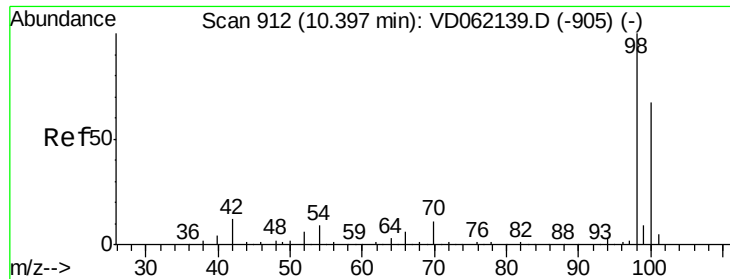
#35
 Dibromofluoromethane
 Concen: 42.362 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062311.D
 Acq: 13 May 2019 18:11

Tgt Ion:113 Resp: 246378
 Ion Ratio Lower Upper
 113 100
 111 112.4 78.5 117.7
 192 17.7 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: 34.984 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062311.D

Acq: 13 May 2019 18:11

Instrument :

MSVOA_D

ClientSampleId :

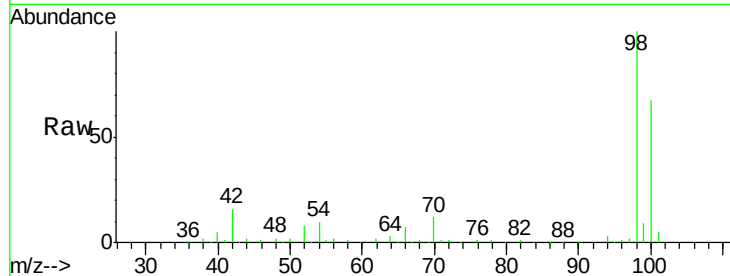
P021-SS001-1824-01RE

Tot Ion: 98 Resp: 490570

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062311.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062311.D (-905) (-)

250000

200000

150000

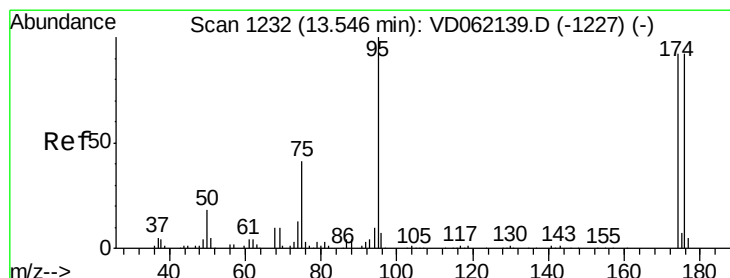
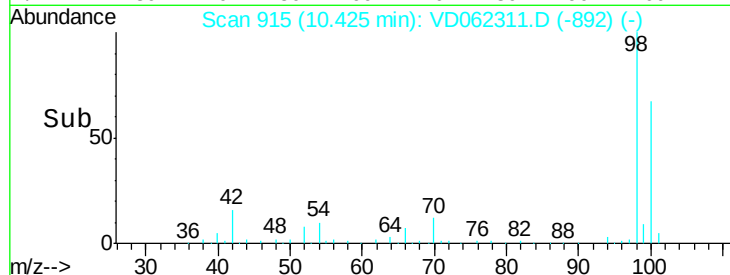
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 29.038 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062311.D

Acq: 13 May 2019 18:11

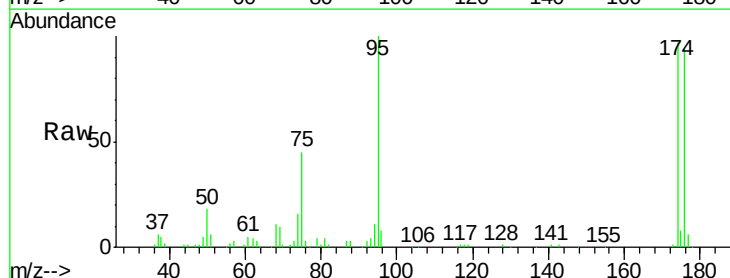
Tgt Ion: 95 Resp: 163514

Ion Ratio Lower Upper

95 100

174 96.8 0.0 181.8

176 93.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062311.D (-1212) (-)

Ion 173.90 (173.60 to 174.60): VD062311.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD062311.D (-1212) (-)

150000

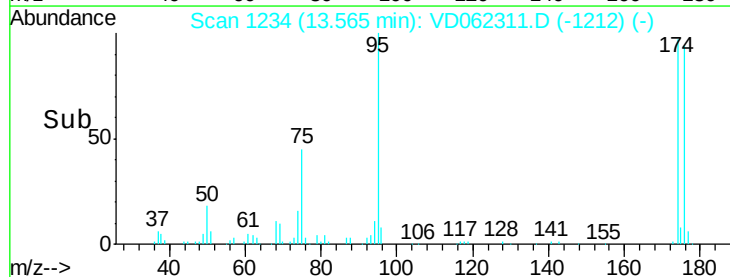
100000

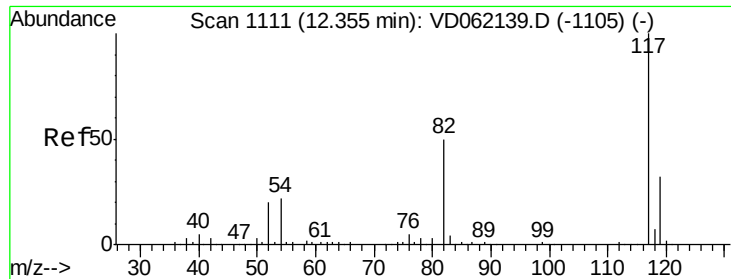
50000

0

13.50 13.55 13.60 13.65

Time-->

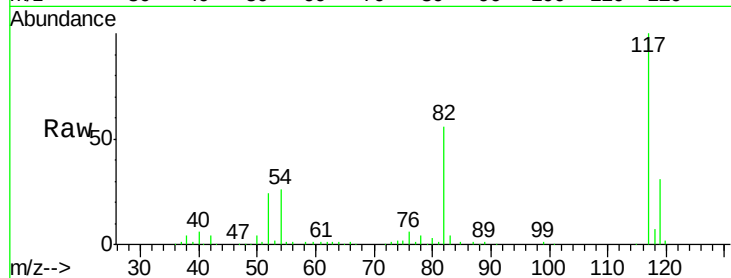




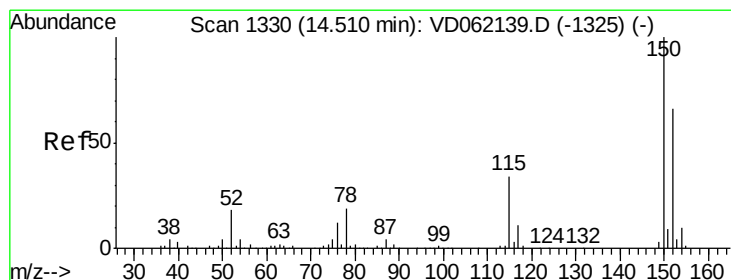
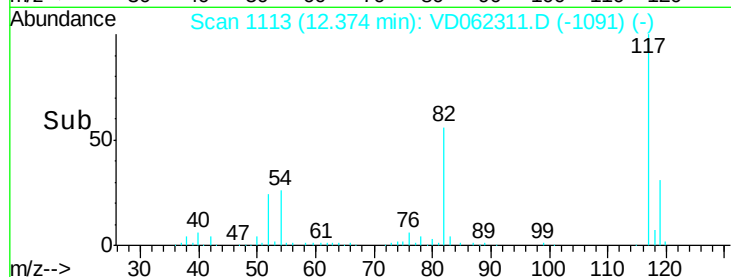
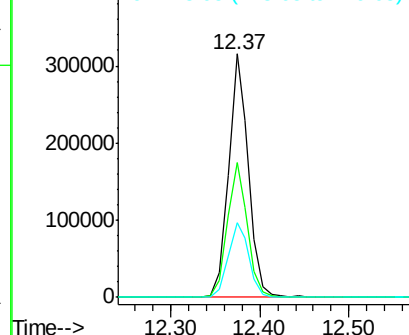
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062311.D
Acq: 13 May 2019 18:11

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-1824-01RE

Tot Ion:117 Resp: 495390
Ion Ratio Lower Upper
117 100
82 55.6 36.2 54.2#
119 30.9 26.2 39.4

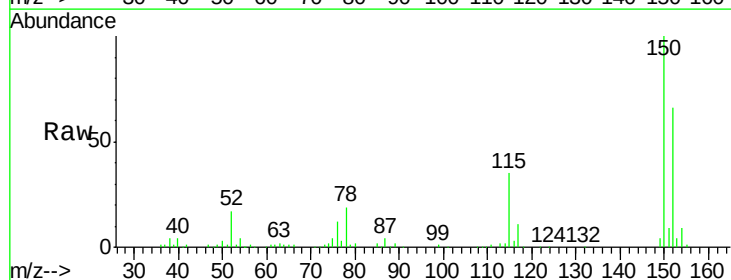


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062311.D
Acq: 13 May 2019 18:11

Tgt Ion:152 Resp: 195857
Ion Ratio Lower Upper
152 100
115 52.2 30.9 92.7
150 150.5 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

