

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064322.D
 Acq On : 21 Nov 2019 13:58
 Operator : VA/SY
 Sample : VD1121SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBL01

Quant Time: Nov 22 01:05:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1043682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1499379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1307992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	646387	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	456370	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.92	113	445820	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.34	98	1727316	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.64	95	575779	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

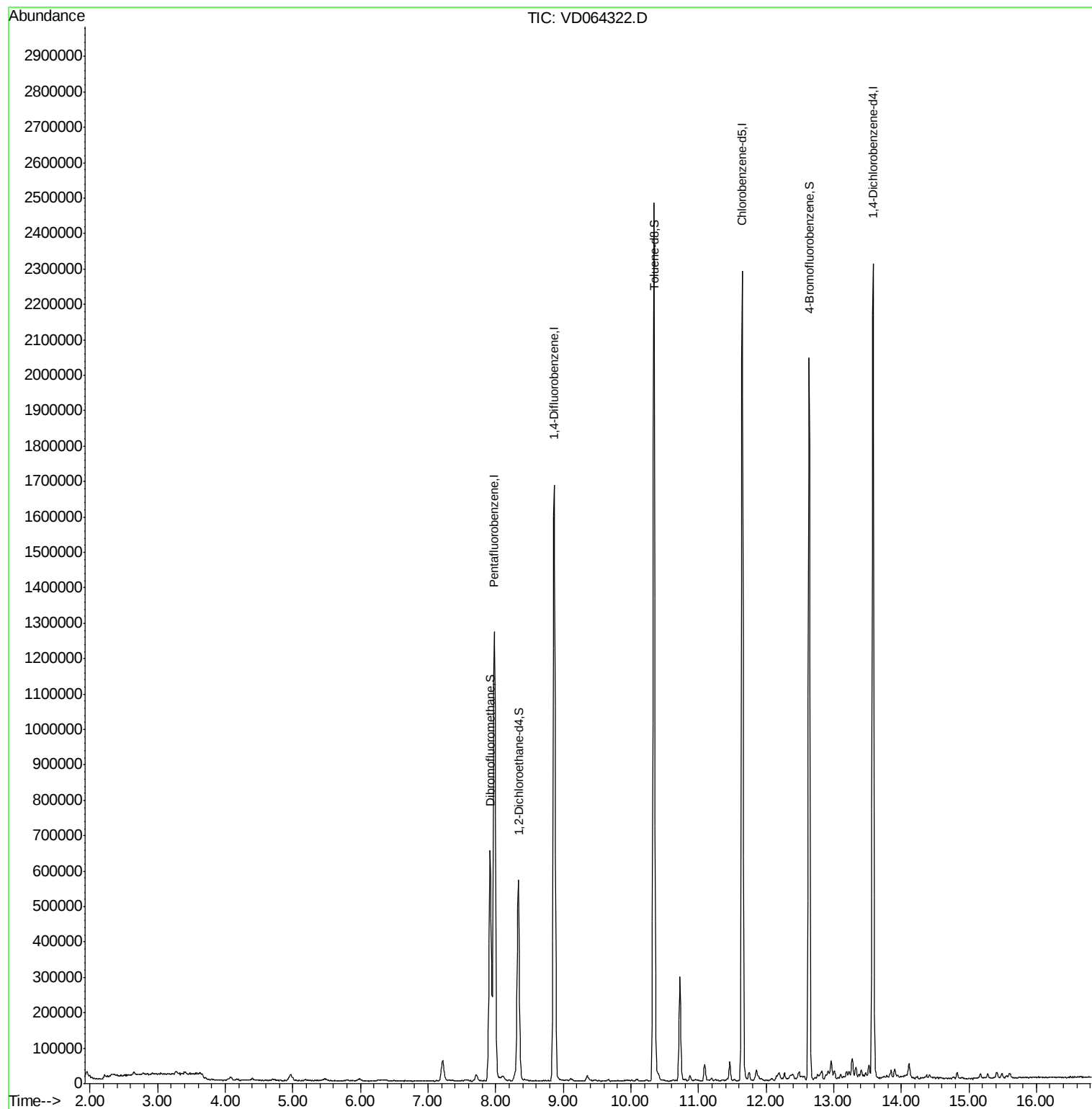
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064322.D

Acq: 21 Nov 2019 13:58

Instrument :

MSVOA_D

ClientSampleId :

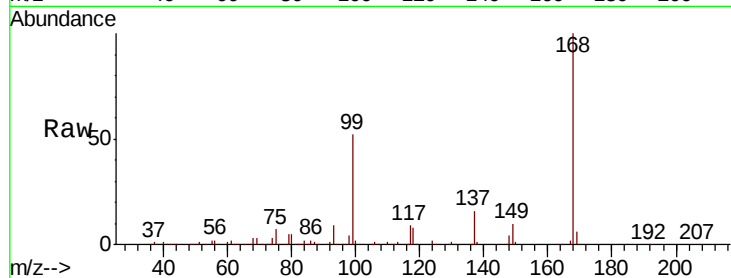
VD1121SBL01

Tot Ion:168 Resp: 1043682

Ion Ratio Lower Upper

168 100

99 51.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

300000

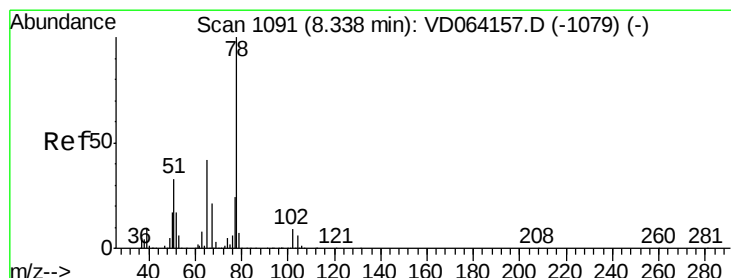
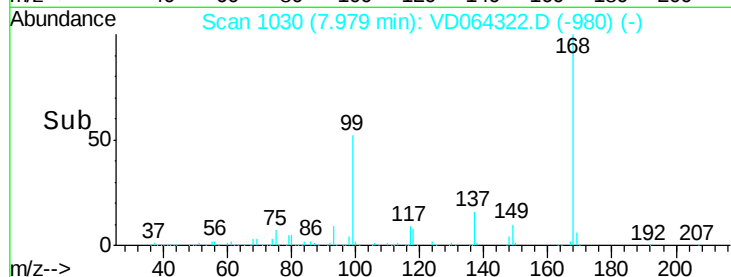
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 53.167 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064322.D

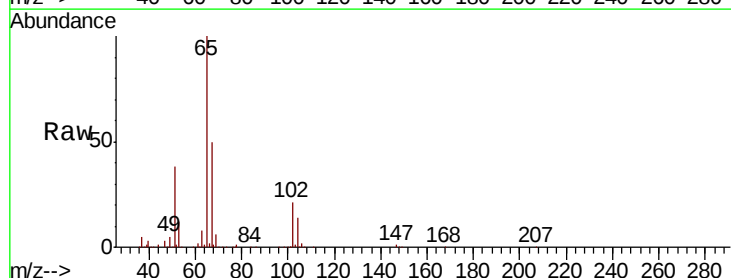
Acq: 21 Nov 2019 13:58

Tgt Ion: 65 Resp: 456370

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

200000

150000

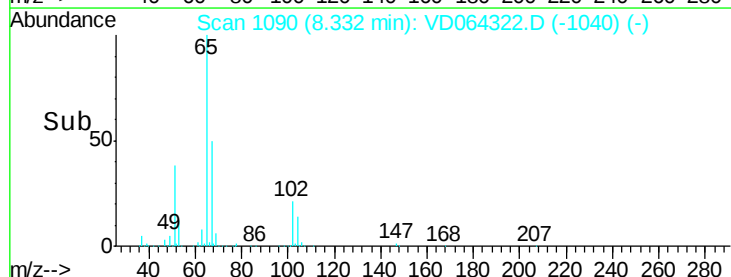
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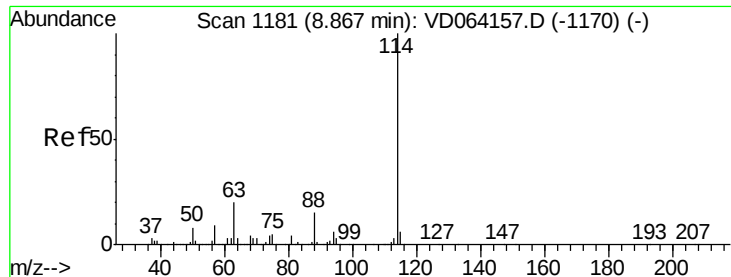
50000

0

Time-->

8.20 8.30 8.40 8.50

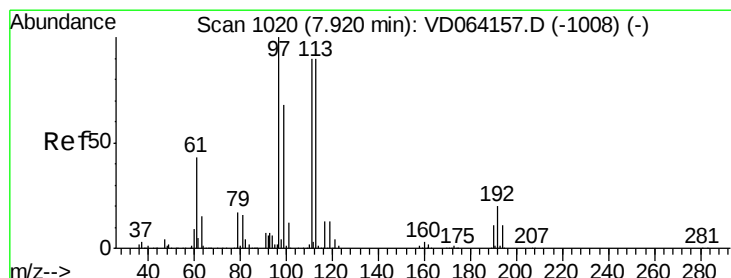
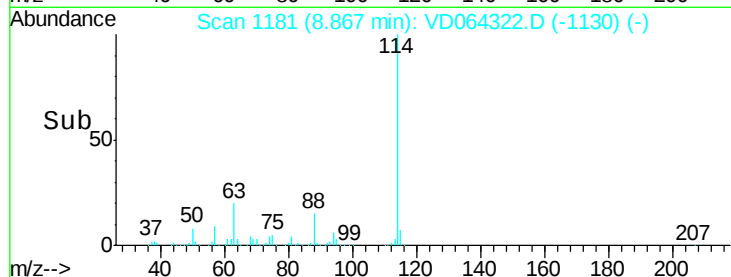
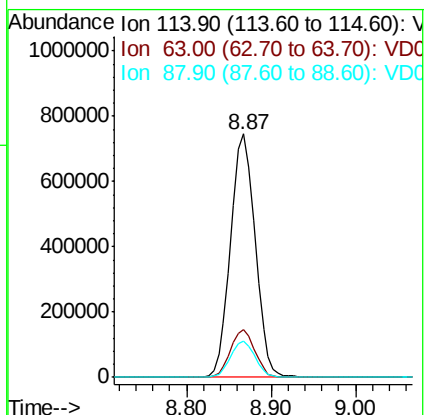
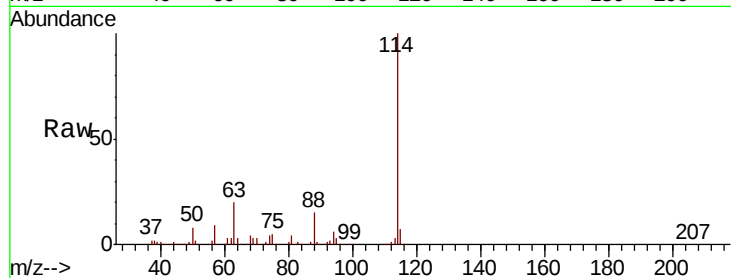




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064322.D
 Acq: 21 Nov 2019 13:58

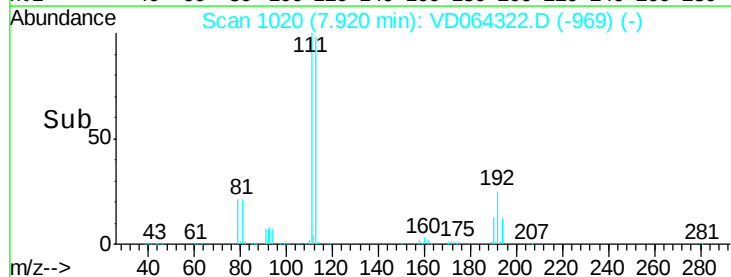
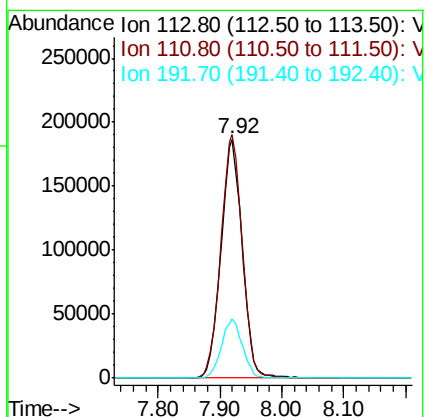
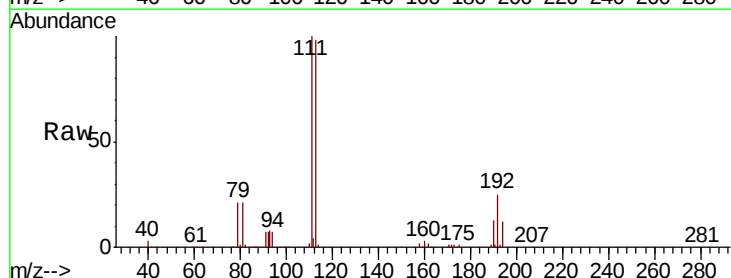
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBL01

Tot Ion:114 Resp: 1499379
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 14.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 51.799 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064322.D
 Acq: 21 Nov 2019 13:58

Tgt Ion:113 Resp: 445820
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.5 122.3
 192 24.5 18.8 28.2

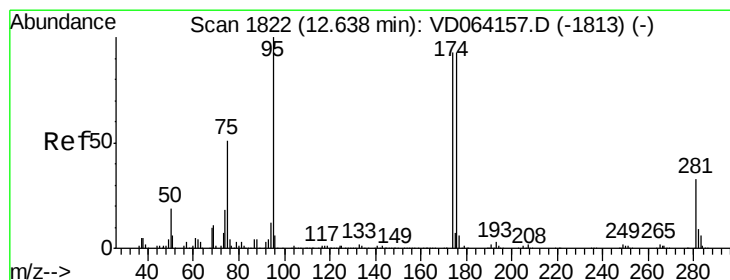
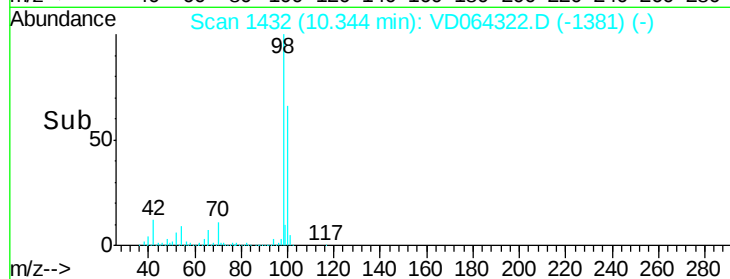
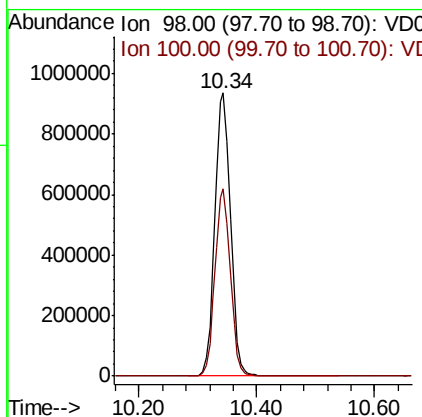
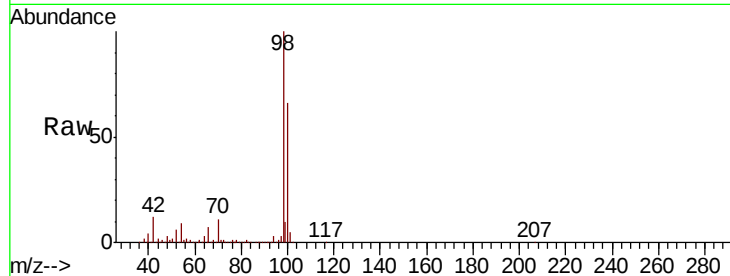




#50
Toluene-d8
Concen: 53.200 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064322.D
Acq: 21 Nov 2019 13:58

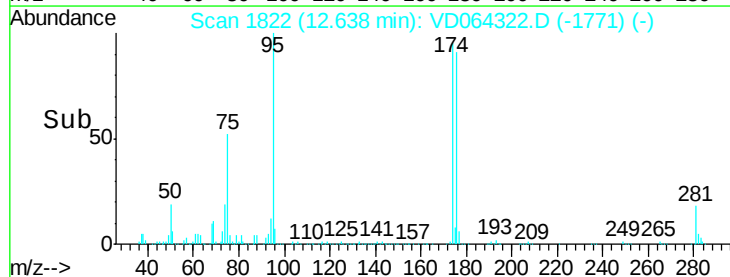
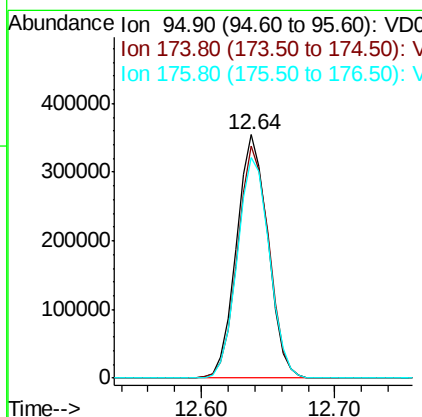
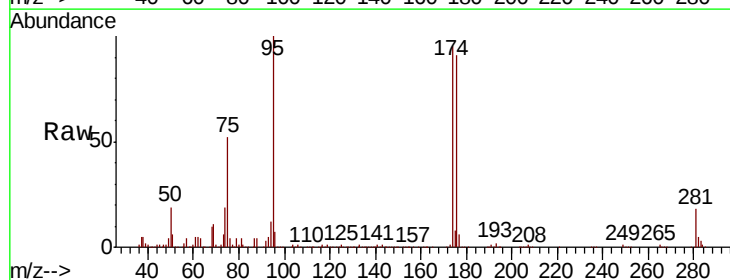
Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

Tot Ion: 98 Resp: 1727316
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.208 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064322.D
Acq: 21 Nov 2019 13:58

Tgt Ion: 95 Resp: 575779
Ion Ratio Lower Upper
95 100
174 95.8 0.0 183.6
176 92.8 0.0 180.2

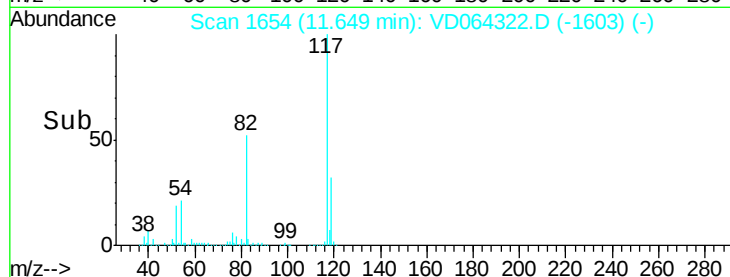
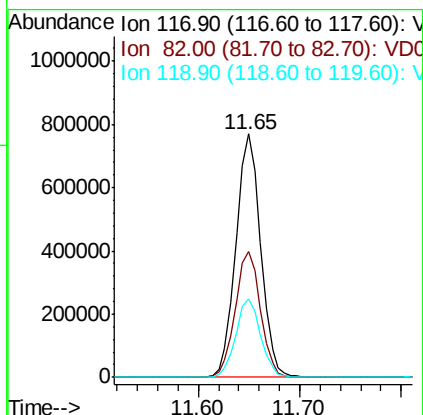
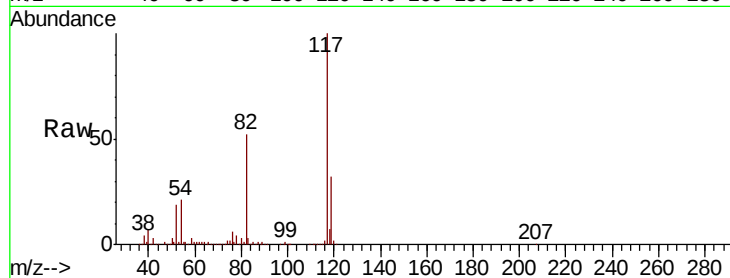




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064322.D
Acq: 21 Nov 2019 13:58

Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

Tot Ion:117 Resp: 1307992
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064322.D
Acq: 21 Nov 2019 13:58

Tgt Ion:152 Resp: 646387
Ion Ratio Lower Upper
152 100
115 53.6 27.4 82.2
150 154.2 0.0 351.6

