

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111919\
 Data File : VD064281.D
 Acq On : 19 Nov 2019 10:59
 Operator : VA/SY
 Sample : VD1119SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBL01

Quant Time: Nov 20 04:26:00 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	959388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1395426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1203326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	588892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	411050	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.92	113	417599	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.34	98	1618593	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.64	95	519445	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

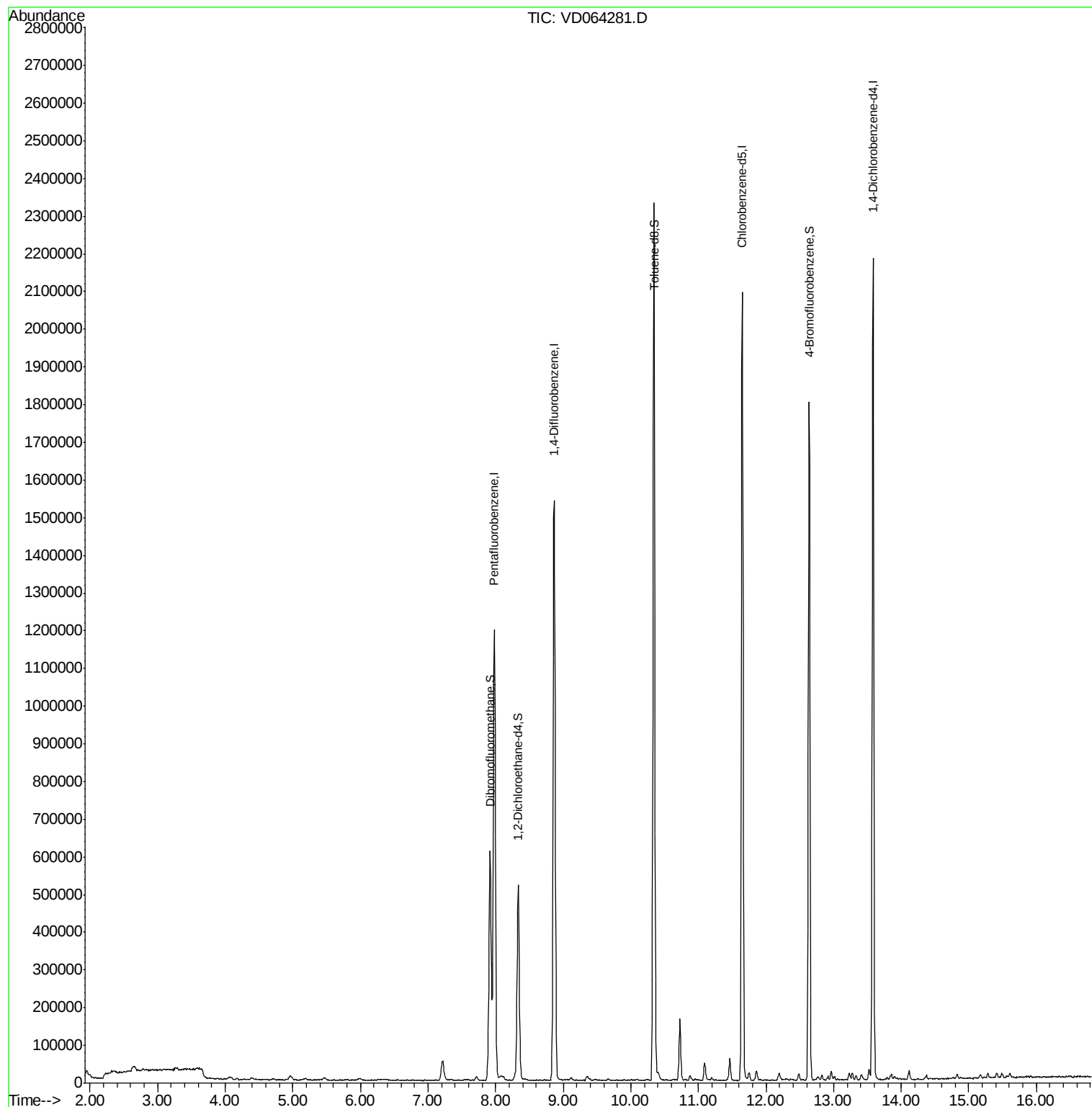
Target Compounds	Qvalue
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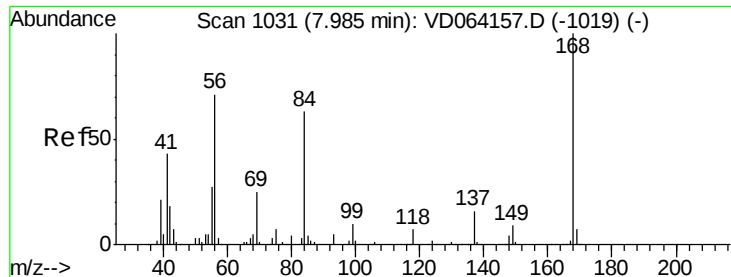
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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Acq: 19 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

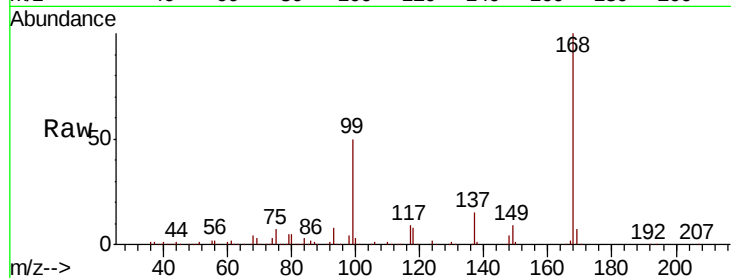
VD1119SBL01

Tot Ion:168 Resp: 959388

Ion Ratio Lower Upper

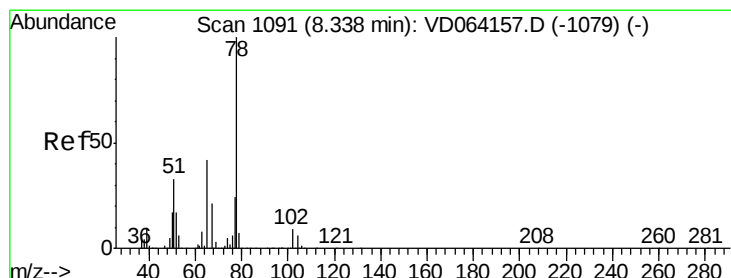
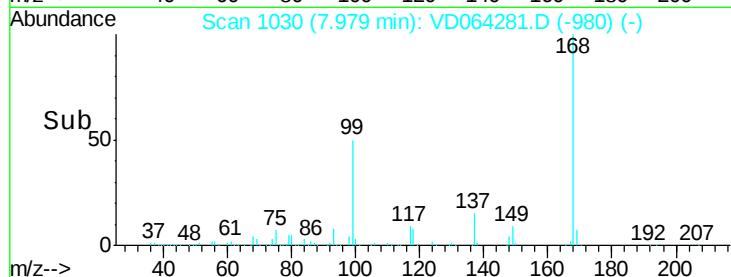
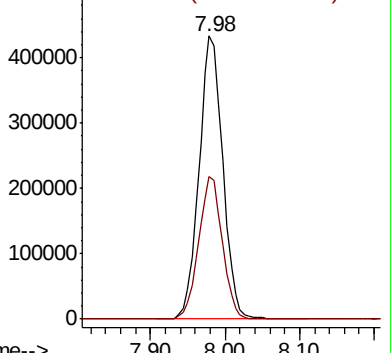
168 100

99 50.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.095 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064281.D

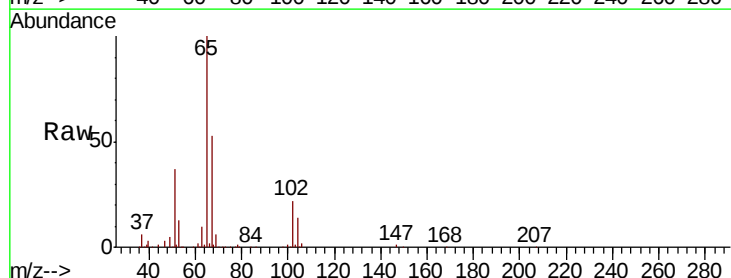
Acq: 19 Nov 2019 10:59

Tgt Ion: 65 Resp: 411050

Ion Ratio Lower Upper

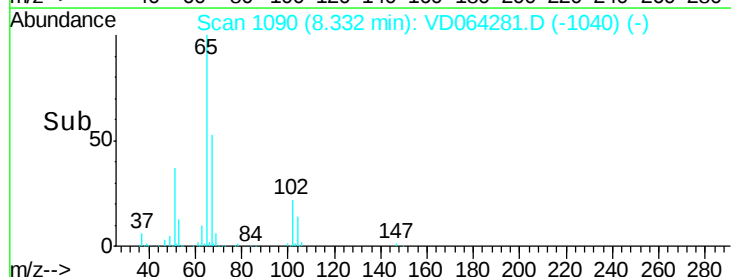
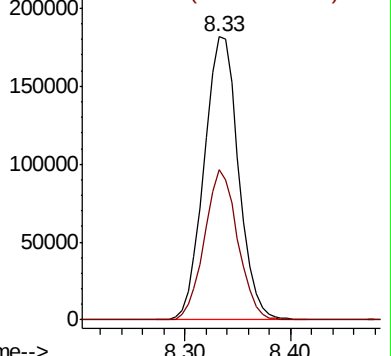
65 100

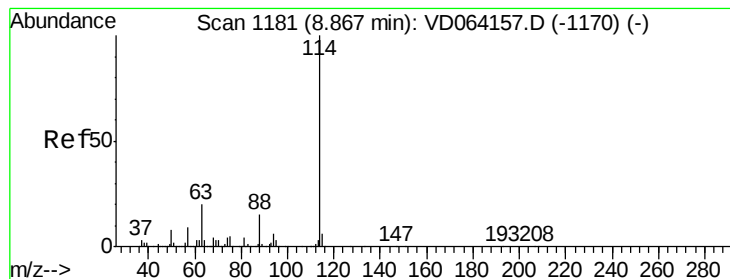
67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VD1119SBL01

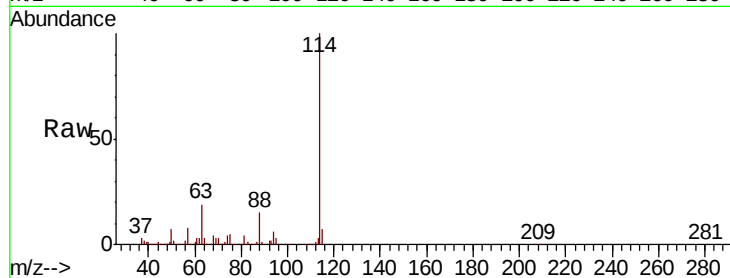
Tot Ion:114 Resp: 1395426

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

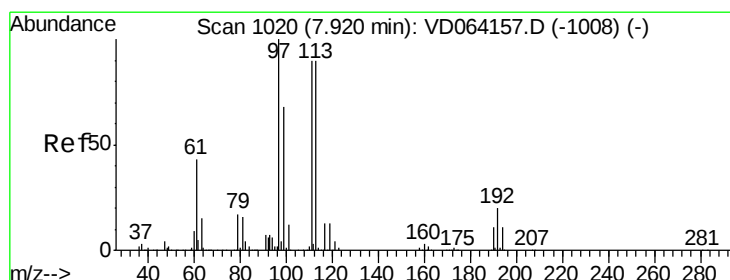
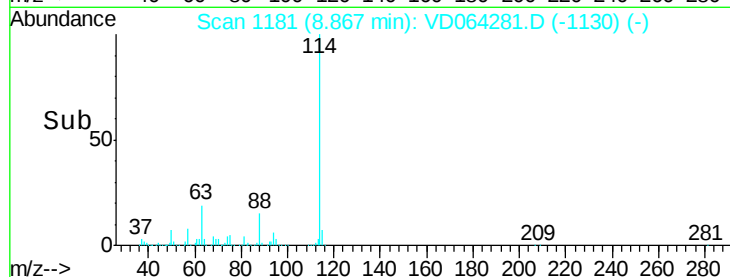
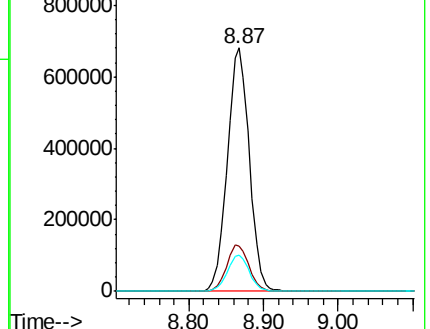
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 52.135 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

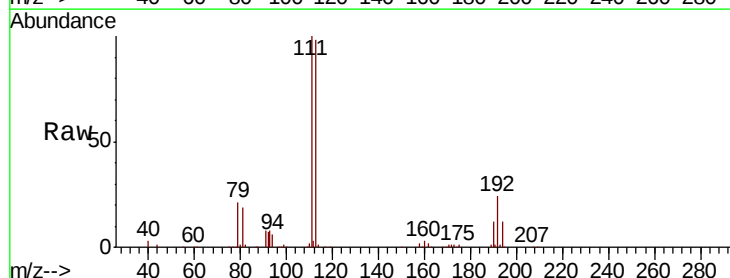
Tgt Ion:113 Resp: 417599

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

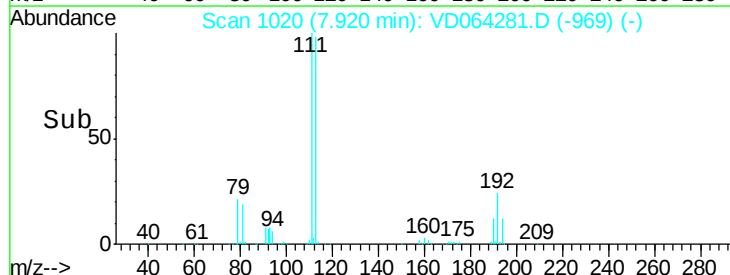
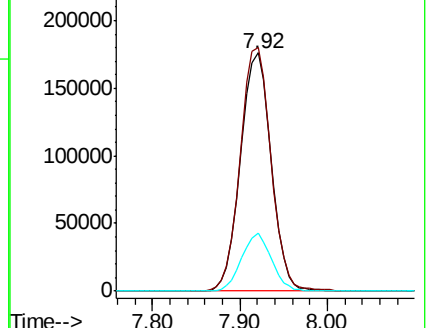
192 23.6 18.8 28.2

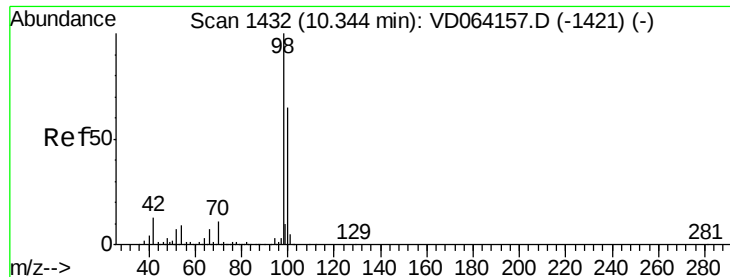


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.566 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

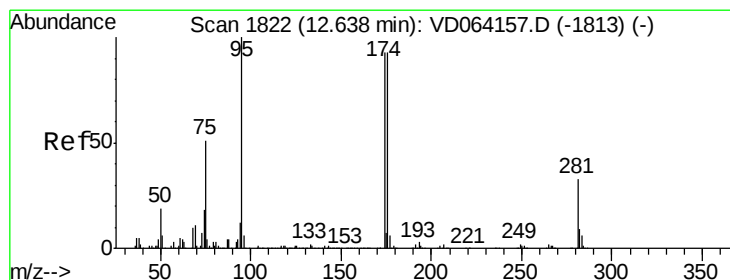
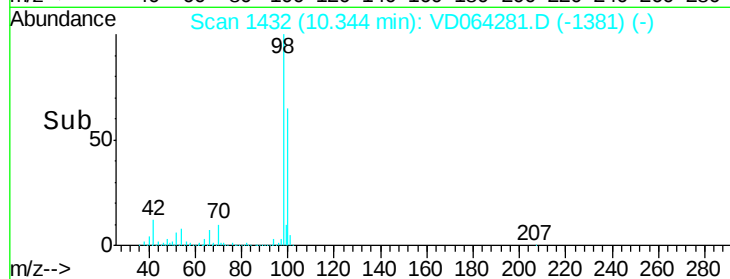
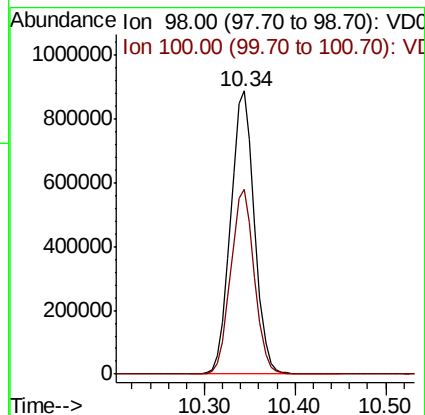
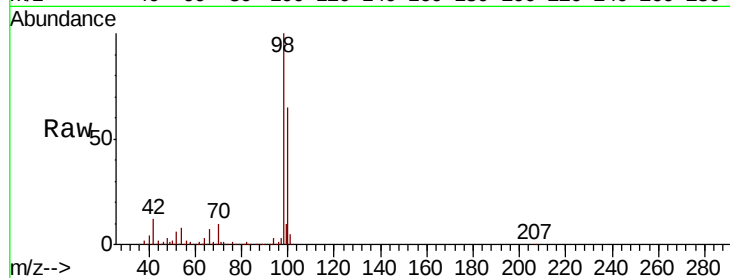
VD1119SBL01

Tot Ion: 98 Resp: 1618593

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.639 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064281.D

Acq: 19 Nov 2019 10:59

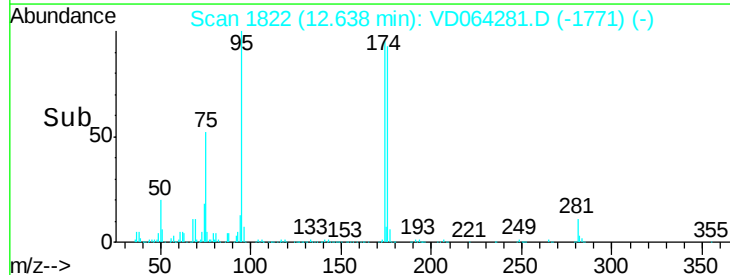
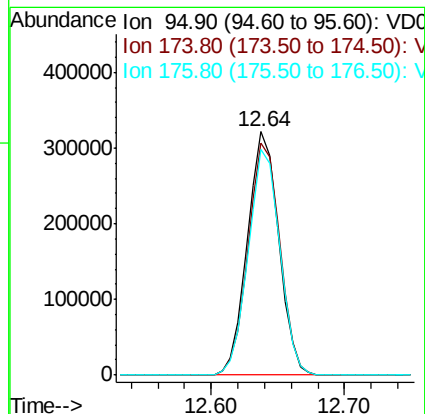
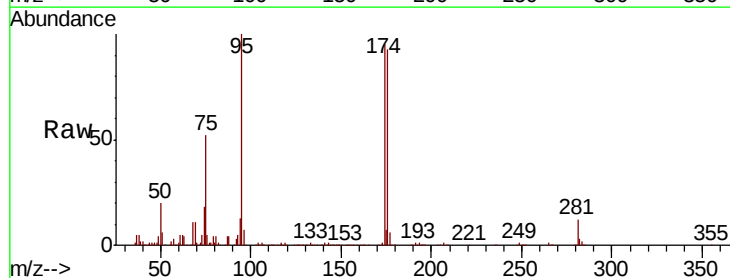
Tgt Ion: 95 Resp: 519445

Ion Ratio Lower Upper

95 100

174 96.8 0.0 183.6

176 93.7 0.0 180.2

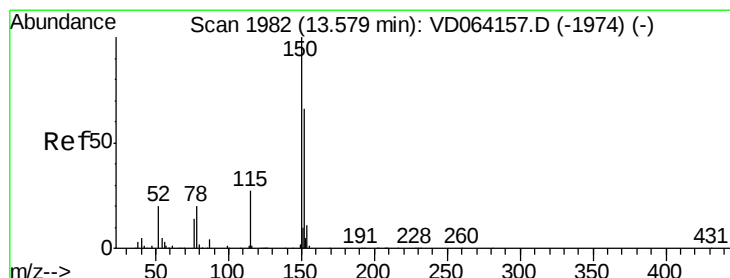
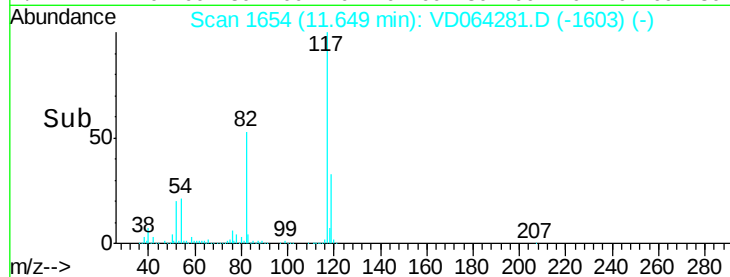
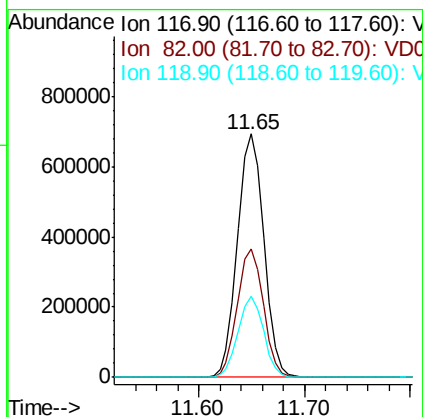
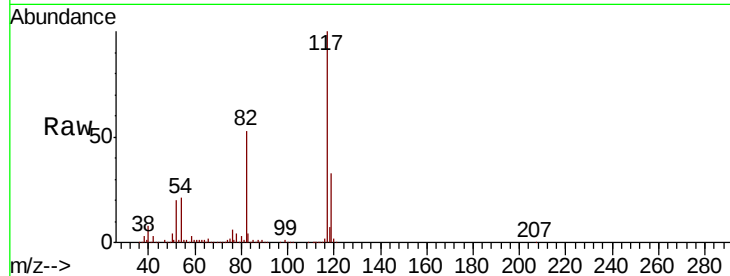




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064281.D
Acq: 19 Nov 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBL01

Tot Ion:117 Resp: 1203326
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 33.3 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: VD064281.D
Acq: 19 Nov 2019 10:59

Tgt Ion:152 Resp: 588892
Ion Ratio Lower Upper
152 100
115 54.0 27.4 82.2
150 155.8 0.0 351.6

