

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064127.D
 Acq On : 31 Oct 2019 12:27
 Operator : VA/SY
 Sample : VD1031SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBL01

Quant Time: Nov 01 07:26:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	241790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	396540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215615	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109247	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	
35) Dibromofluoromethane	7.92	113	122563	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.34	98	490469	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.64	95	173284	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

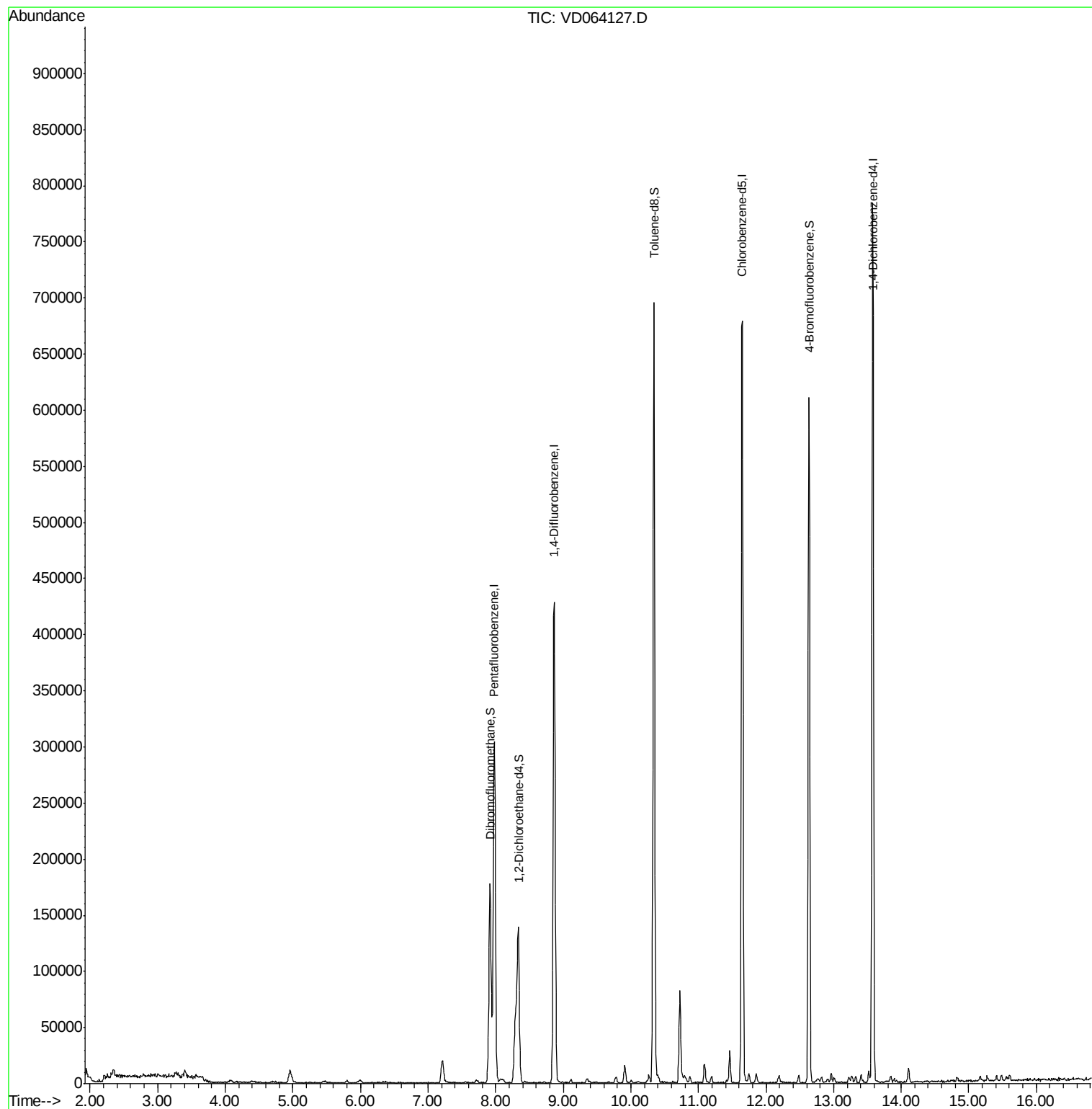
Target Compounds	Qvalue

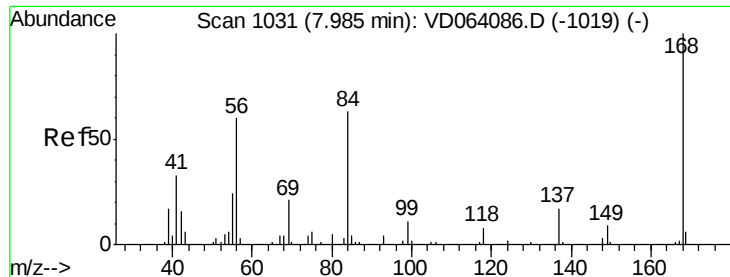
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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Acq: 31 Oct 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

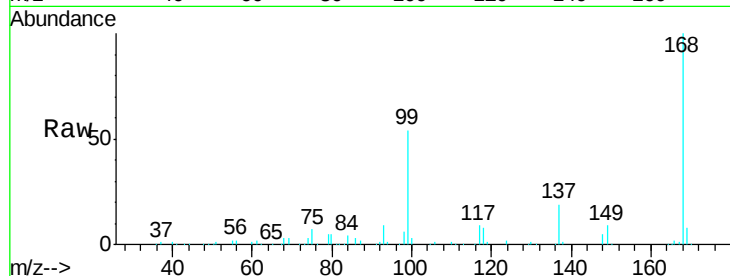
VD1031SBL01

Tgt Ion:168 Resp: 241790

Ion Ratio Lower Upper

168 100

99 53.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

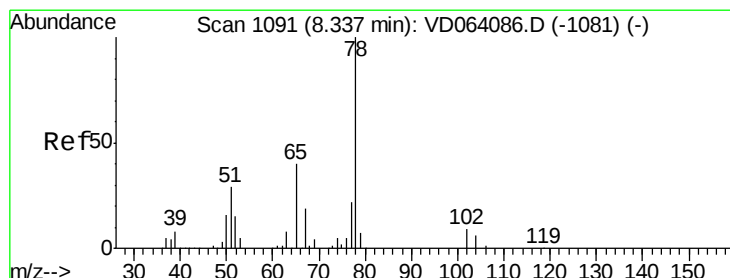
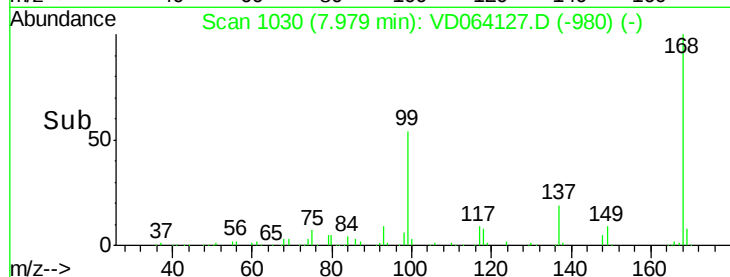
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.811 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064127.D

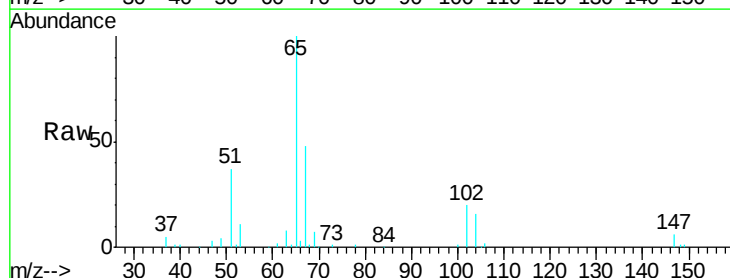
Acq: 31 Oct 2019 12:27

Tgt Ion: 65 Resp: 109247

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

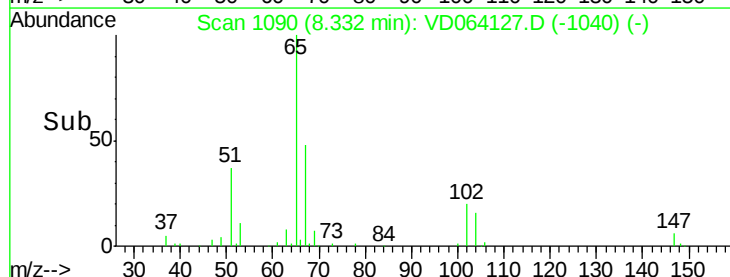
30000

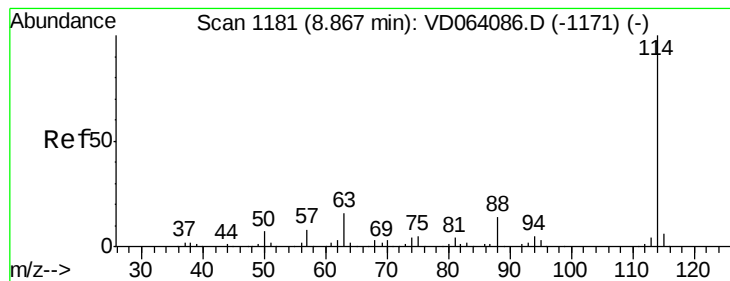
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064127.D

Acq: 31 Oct 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD1031SBL01

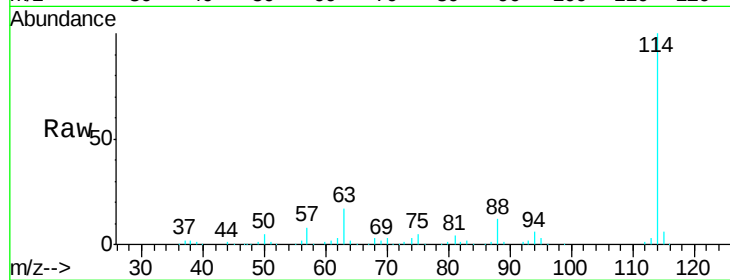
Tgt Ion:114 Resp: 396540

Ion Ratio Lower Upper

114 100

63 17.2 0.0 32.8

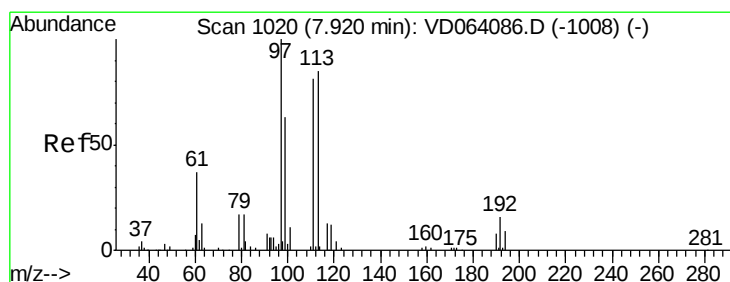
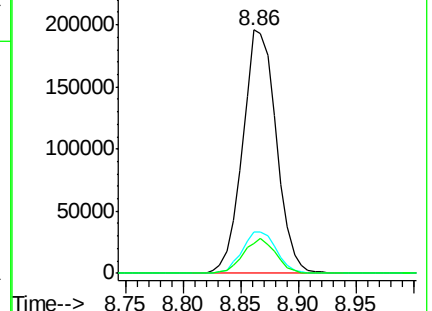
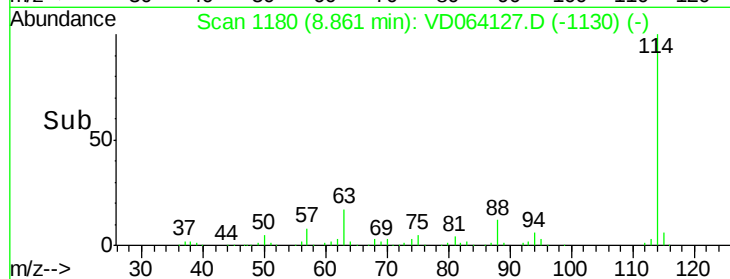
88 12.3 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.238 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064127.D

Acq: 31 Oct 2019 12:27

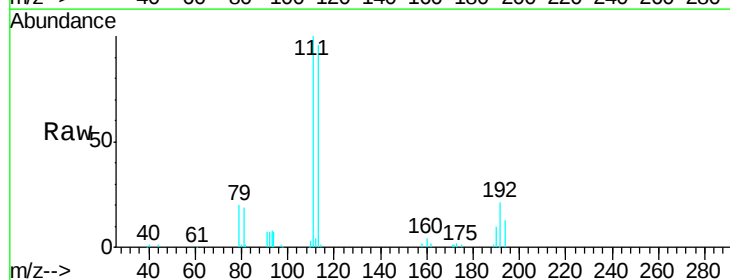
Tgt Ion:113 Resp: 122563

Ion Ratio Lower Upper

113 100

111 104.0 79.3 118.9

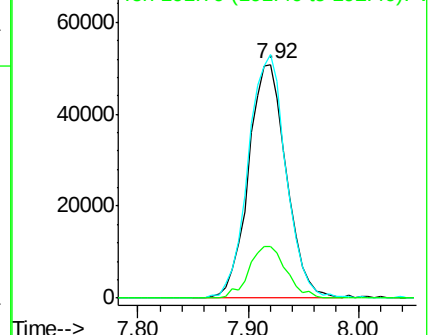
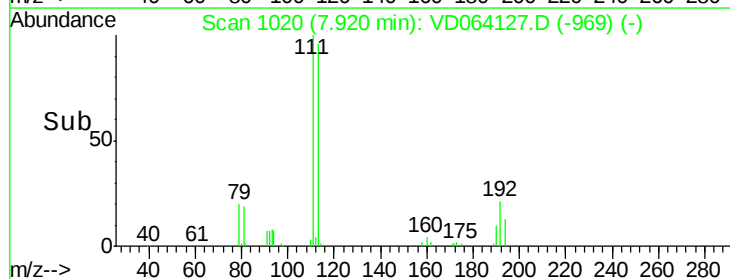
192 21.8 16.2 24.2

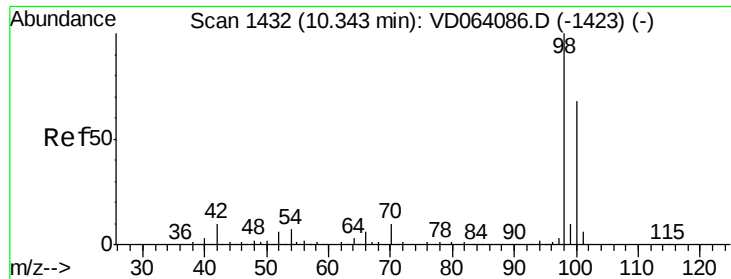


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

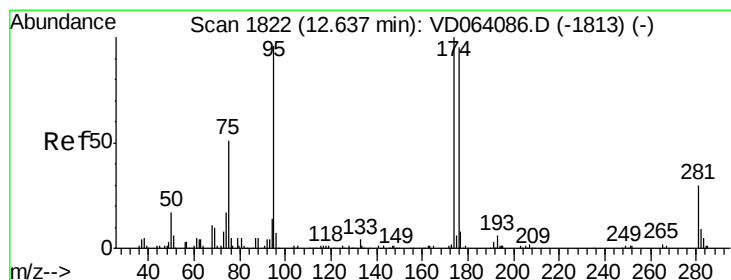
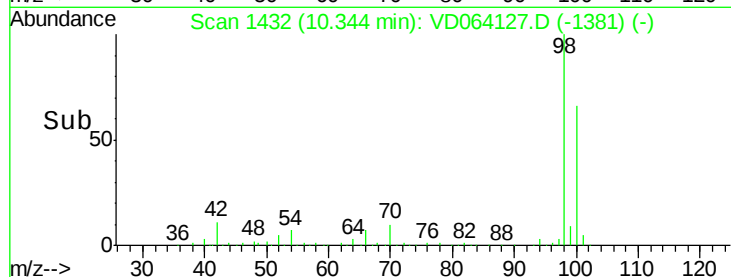
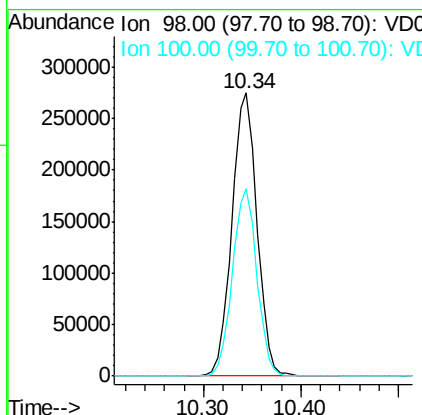
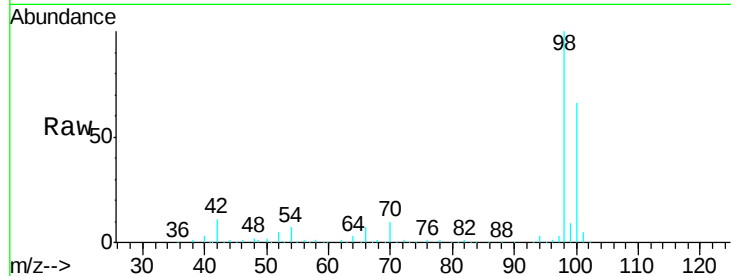




#50
Toluene-d8
Concen: 50.271 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064127.D
Acq: 31 Oct 2019 12:27

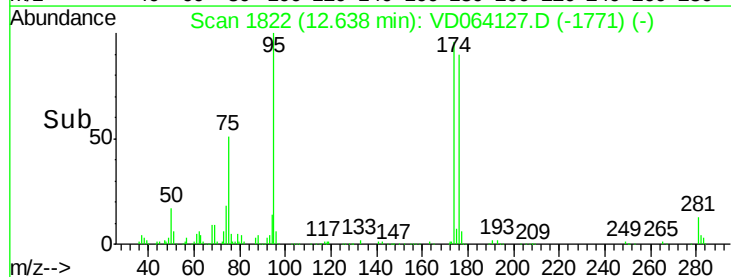
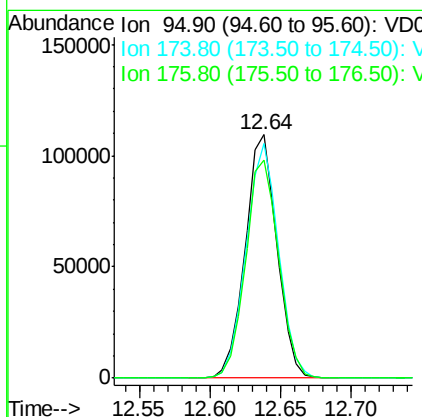
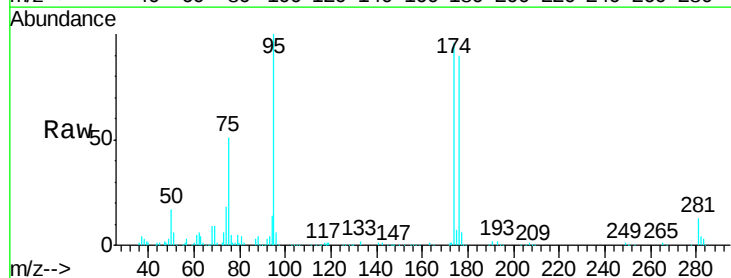
Instrument :
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VD1031SBL01

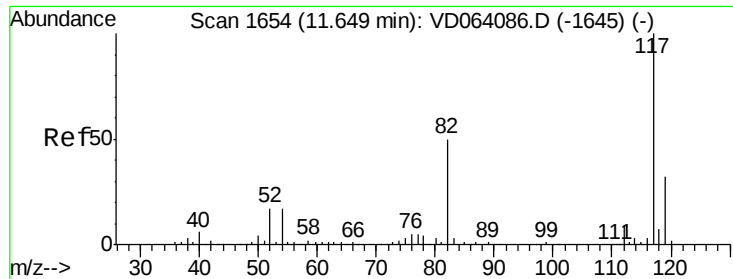
Tgt Ion: 98 Resp: 490469
Ion Ratio Lower Upper
98 100
100 64.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 53.573 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064127.D
Acq: 31 Oct 2019 12:27

Tgt Ion: 95 Resp: 173284
Ion Ratio Lower Upper
95 100
174 98.3 0.0 201.6
176 93.1 0.0 192.6

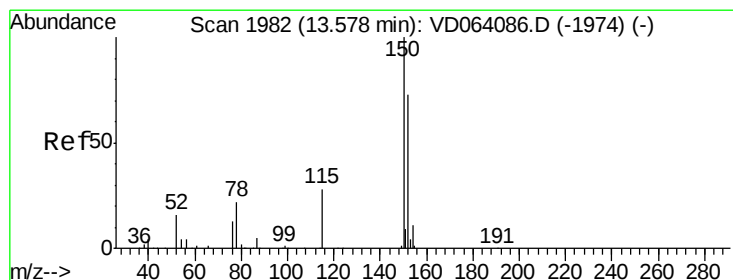
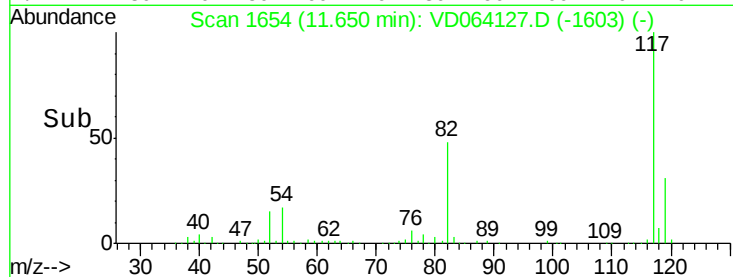
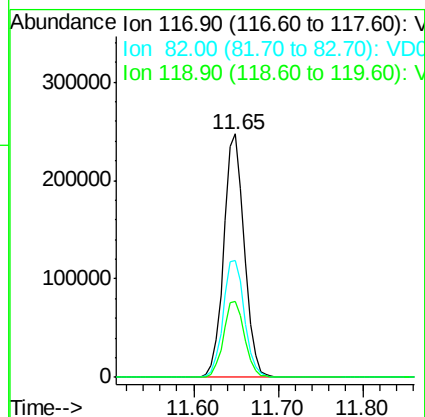
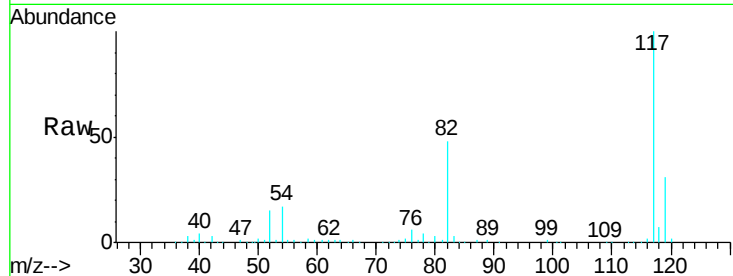




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064127.D
Acq: 31 Oct 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBL01

Tgt Ion:117 Resp: 415580
Ion Ratio Lower Upper
117 100
82 47.8 40.2 60.4
119 31.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064127.D
Acq: 31 Oct 2019 12:27

Tgt Ion:152 Resp: 215615
Ion Ratio Lower Upper
152 100
115 54.1 26.2 78.6
150 154.5 0.0 338.8

