

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064365.D
 Acq On : 25 Nov 2019 17:27
 Operator : VA/SY
 Sample : K5999-07
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IDLEWILD-BH-04B

Quant Time: Nov 26 06:21:41 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

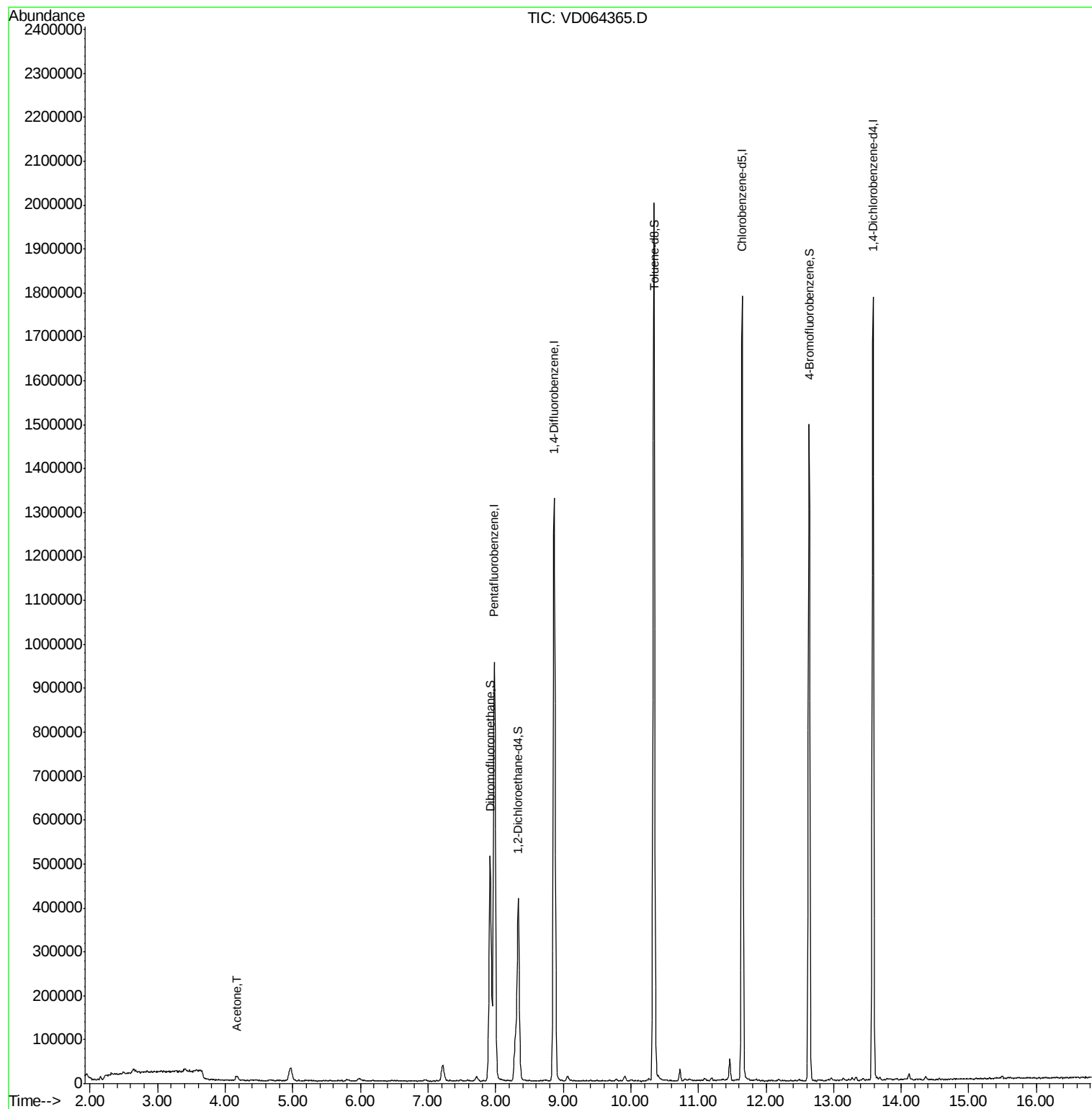
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	777763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1167637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1035519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	489949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	323244	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.92	113	353360	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.34	98	1381797	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
62) 4-Bromofluorobenzene	12.64	95	446855	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
Target Compounds						
16) Acetone	4.17	43	16220	10.704	ug/l	Qvalue 95

(#) = 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: 25 Nov 2019 17:27

Instrument :

MSVOA_D

ClientSampleId :

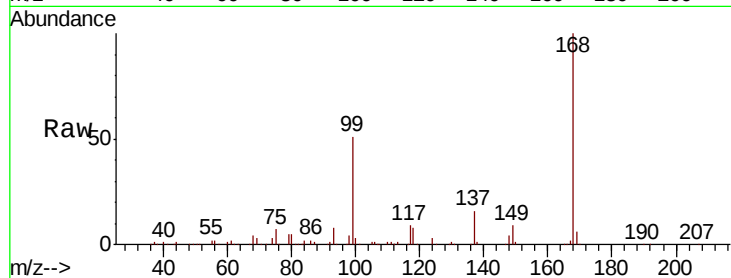
IDLEWILD-BH-04B

Tot Ion:168 Resp: 777763

Ion Ratio Lower Upper

168 100

99 50.6 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

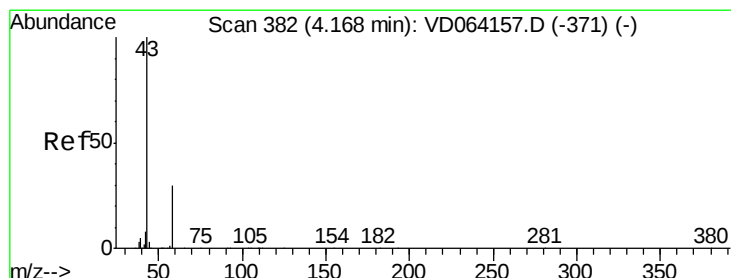
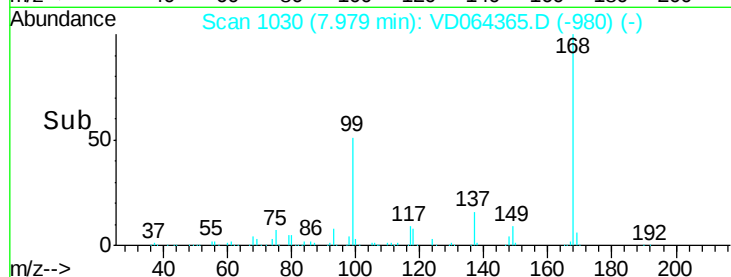
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.704 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064365.D

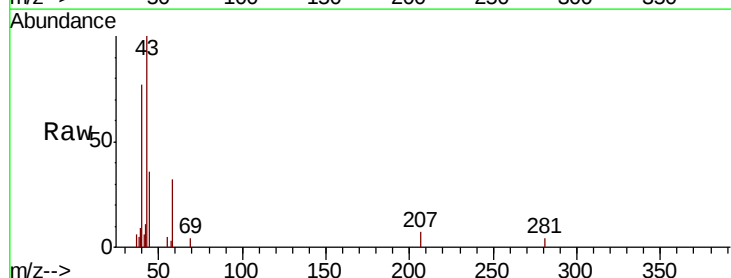
Acq: 25 Nov 2019 17:27

Tgt Ion: 43 Resp: 16220

Ion Ratio Lower Upper

43 100

58 32.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

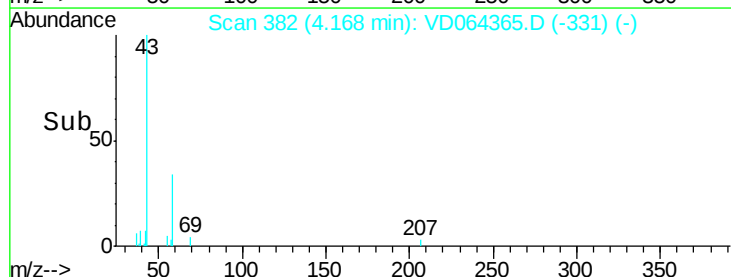
6000

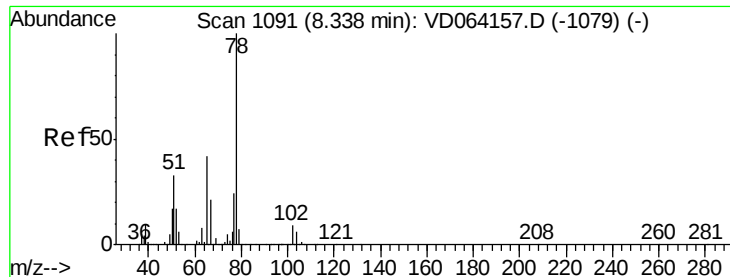
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.533 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064365.D

Acq: 25 Nov 2019 17:27

Instrument :

MSVOA_D

ClientSampleId :

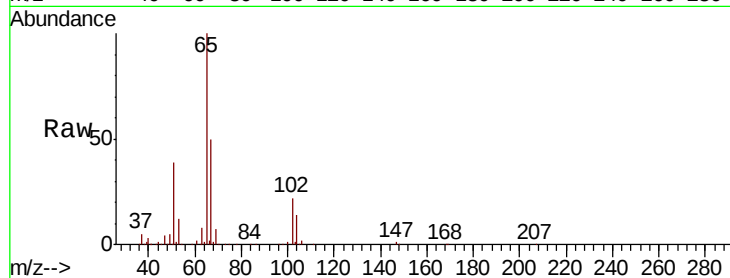
IDLEWILD-BH-04B

Tot Ion: 65 Resp: 323244

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

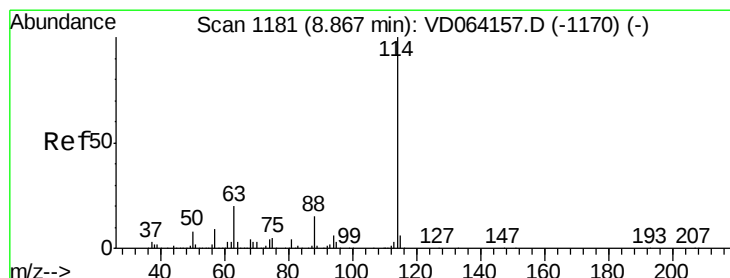
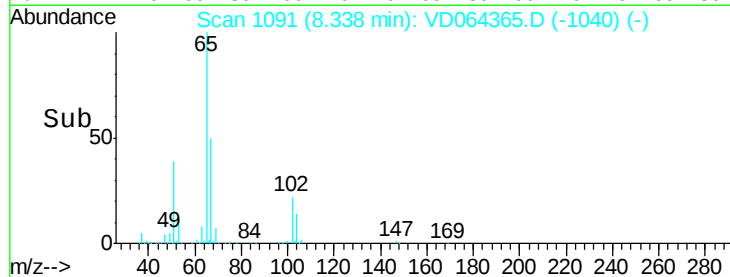
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064365.D

Acq: 25 Nov 2019 17:27

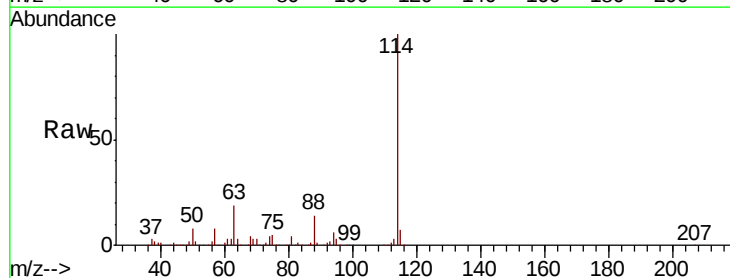
Tgt Ion:114 Resp: 1167637

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

800000

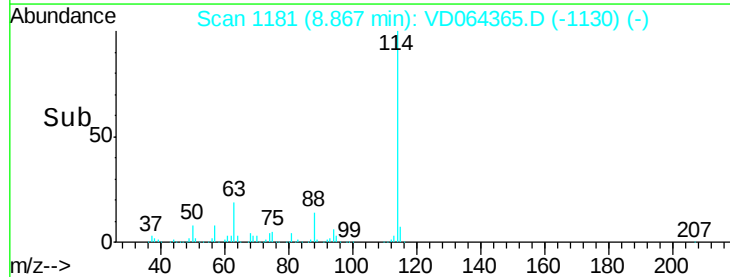
600000

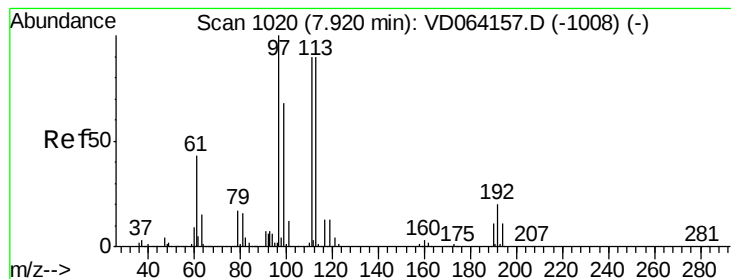
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.721 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064365.D

Acq: 25 Nov 2019 17:27

Instrument :

MSVOA_D

ClientSampleId :

IDLEWILD-BH-04B

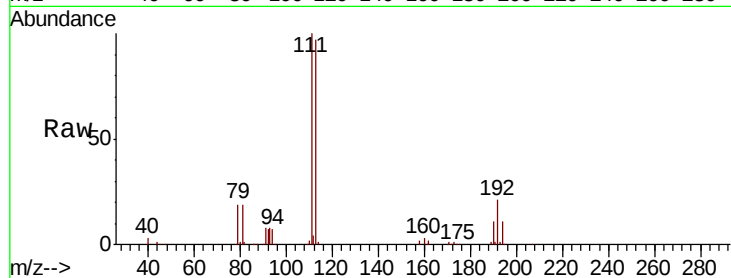
Tot Ion:113 Resp: 353360

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

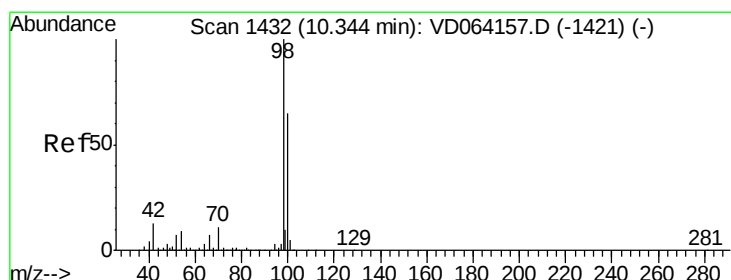
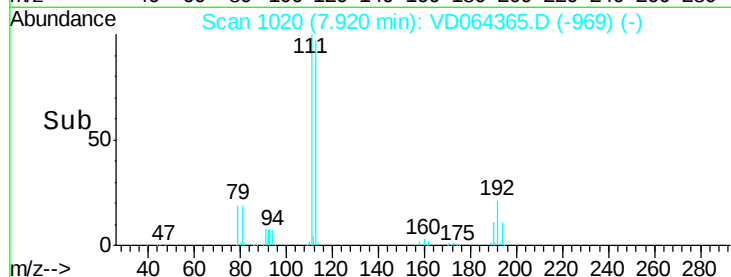
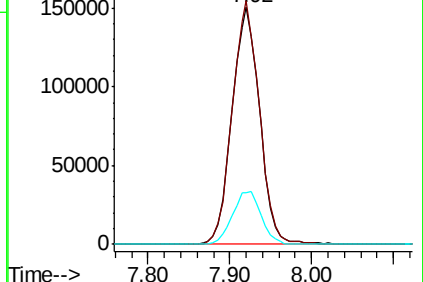
192 23.3 18.8 28.2



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: 54.650 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064365.D

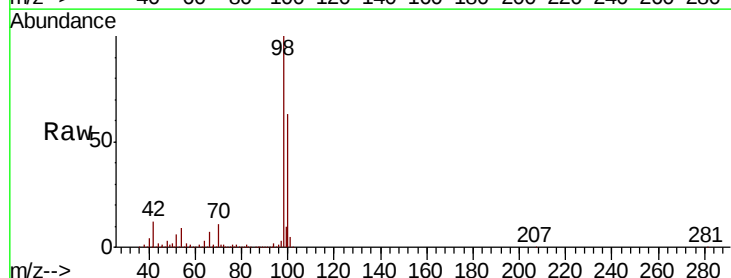
Acq: 25 Nov 2019 17:27

Tgt Ion: 98 Resp: 1381797

Ion Ratio Lower Upper

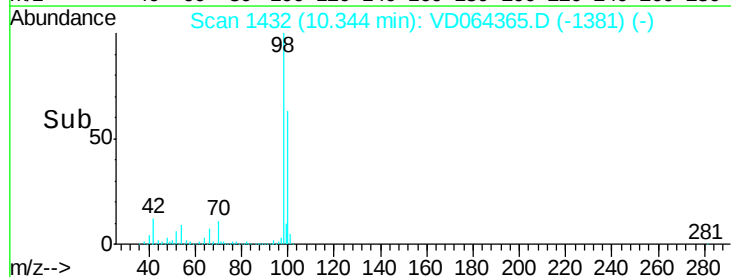
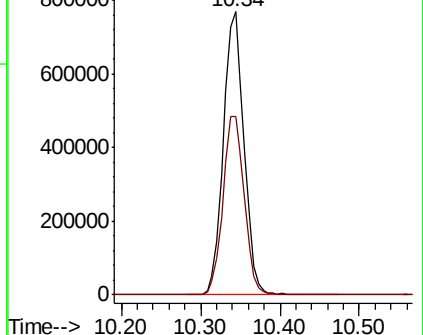
98 100

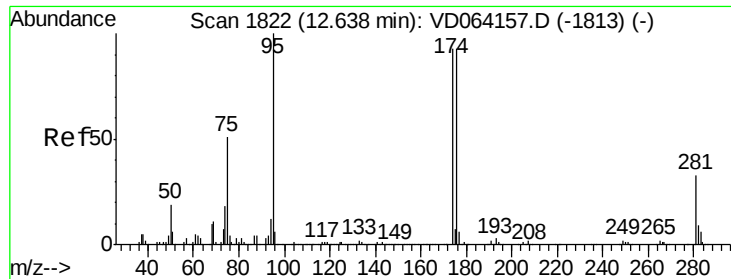
100 64.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

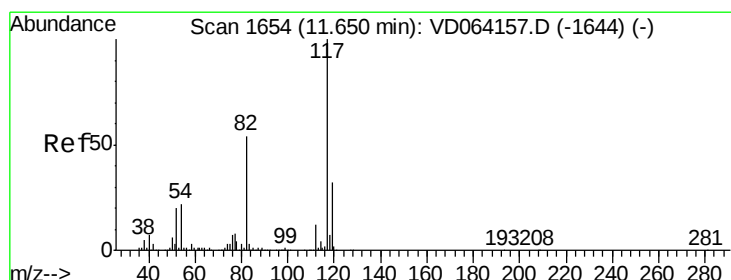
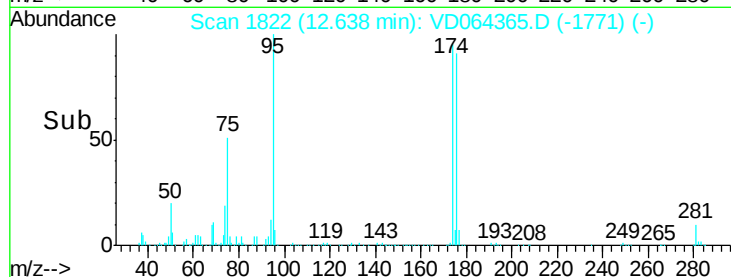
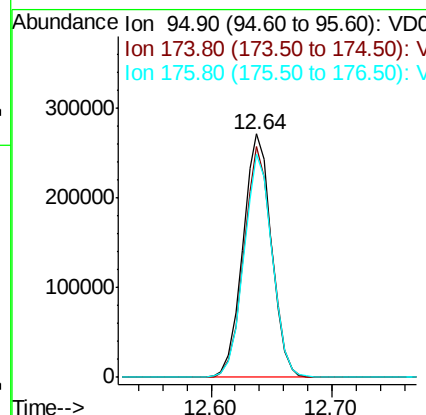
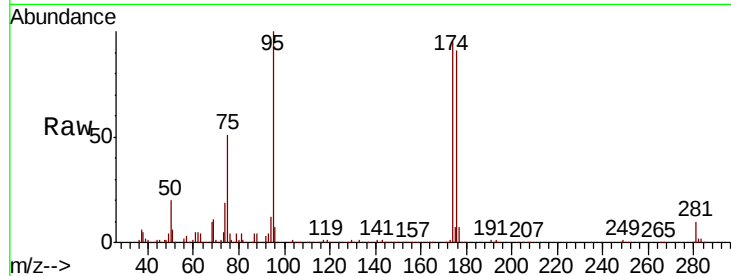




#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064365.D
Acq: 25 Nov 2019 17:27

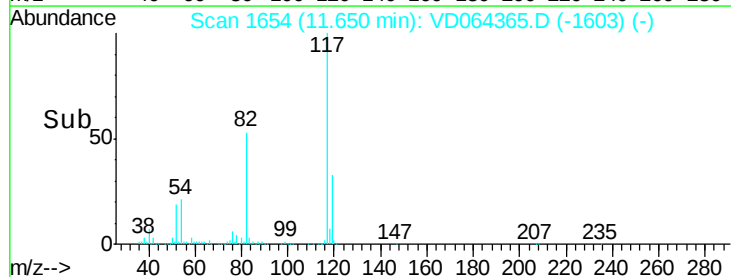
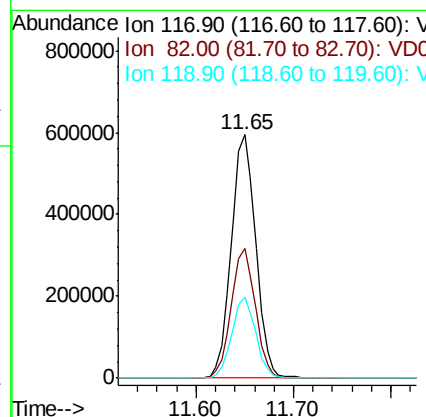
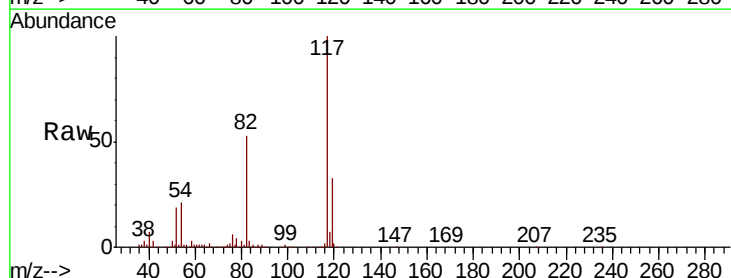
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IDLEWILD-BH-04B

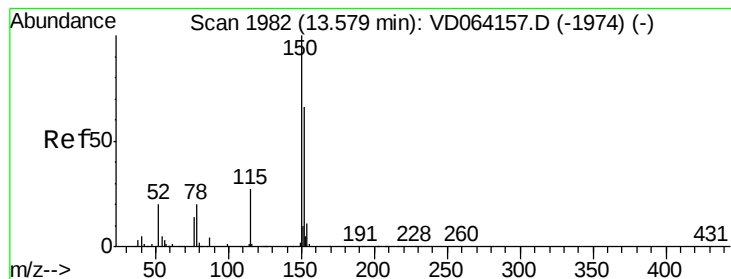
Tot Ion: 95 Resp: 446855
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.6
176 90.8 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064365.D
Acq: 25 Nov 2019 17:27

Tgt Ion: 117 Resp: 1035519
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 33.1 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: VD064365.D

Acq: 25 Nov 2019 17:27

Instrument :

MSVOA_D

ClientSampleId :

IDLEWILD-BH-04B

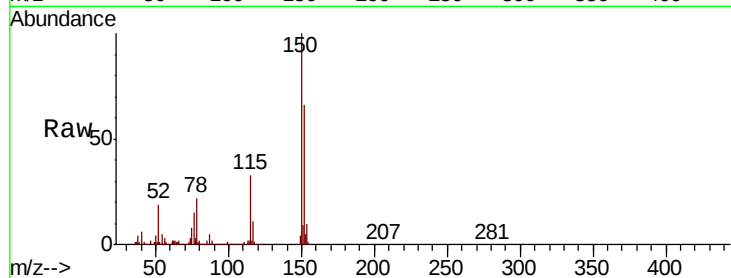
Tot Ion:152 Resp: 489949

Ion Ratio Lower Upper

152 100

115 53.2 27.4 82.2

150 155.9 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

