

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064366.D
 Acq On : 25 Nov 2019 17:56
 Operator : VA/SY
 Sample : K5999-01
 Misc : 3.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IDLEWILD-BH-01A

Quant Time: Nov 26 06:25:14 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

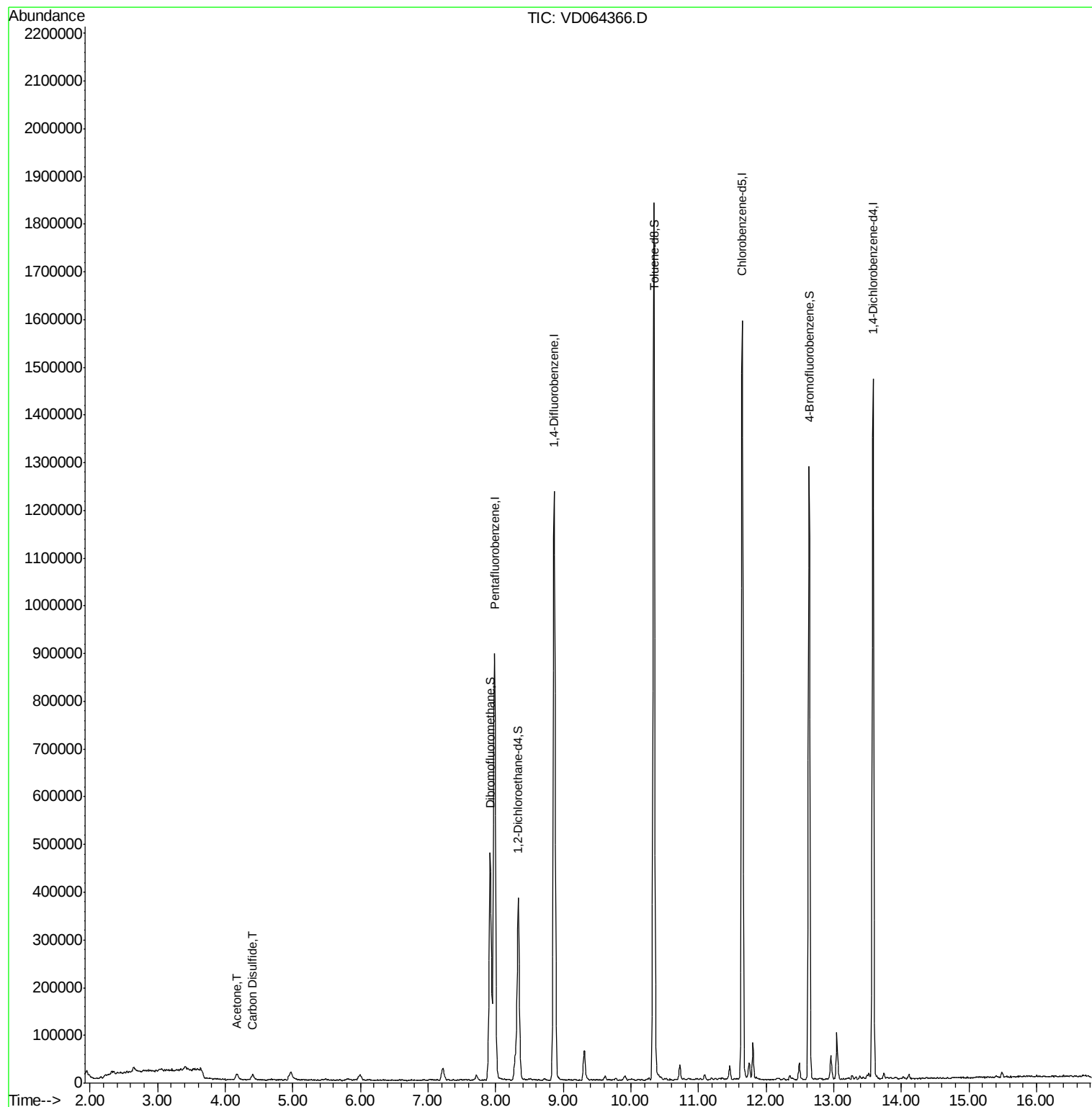
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	725794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1086915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	931141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	295988	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.92	113	328030	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.34	98	1279481	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.64	95	373130	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
Target Compounds						
16) Acetone	4.17	43	22909	16.200	ug/l	94
17) Carbon Disulfide	4.40	76	20630	1.086	ug/l	96

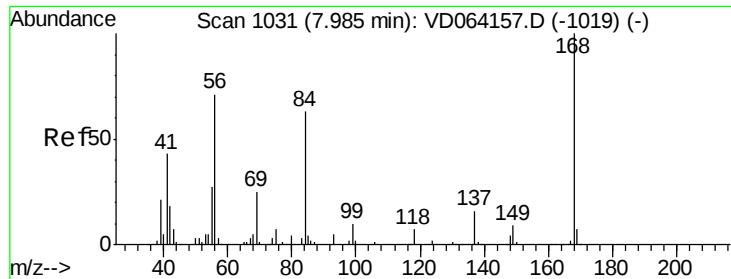
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064366.D

Acq: 25 Nov 2019 17:56

Instrument :

MSVOA_D

ClientSampleId :

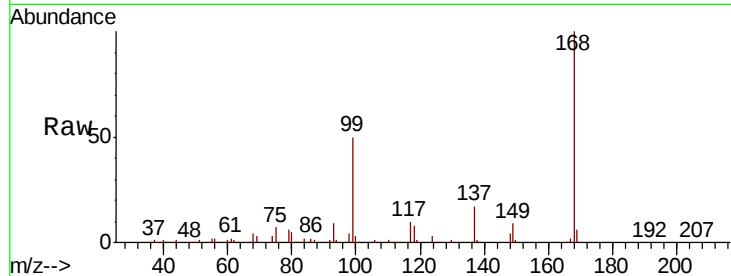
IDLEWILD-BH-01A

Tot Ion:168 Resp: 725794

Ion Ratio Lower Upper

168 100

99 49.8 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

300000

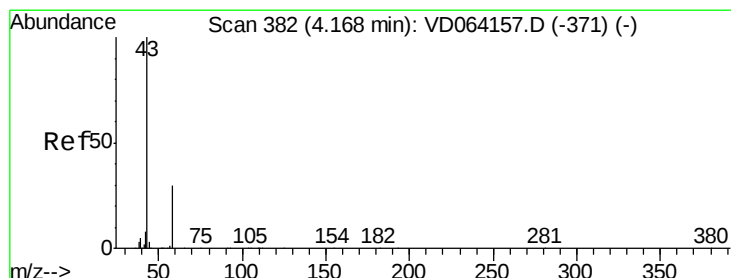
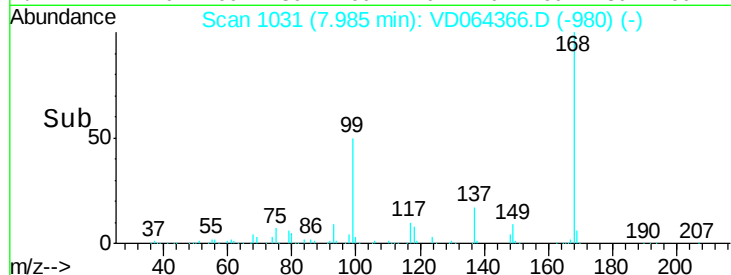
200000

100000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 16.200 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064366.D

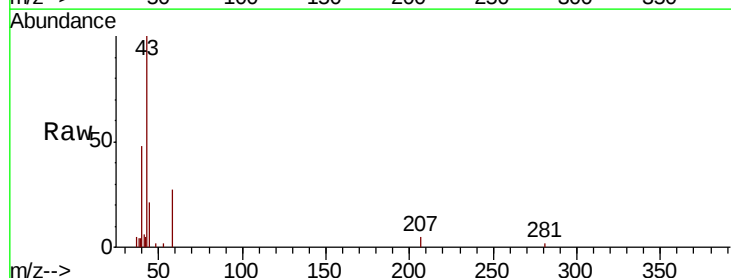
Acq: 25 Nov 2019 17:56

Tgt Ion: 43 Resp: 22909

Ion Ratio Lower Upper

43 100

58 26.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10000

8000

6000

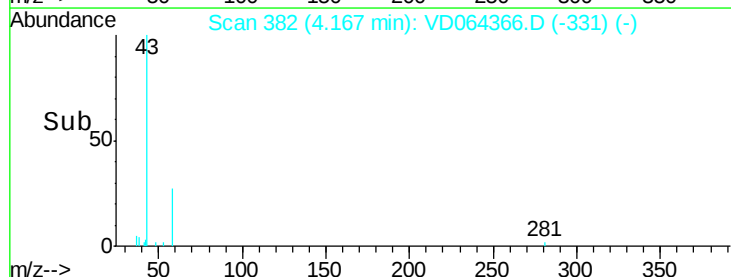
4000

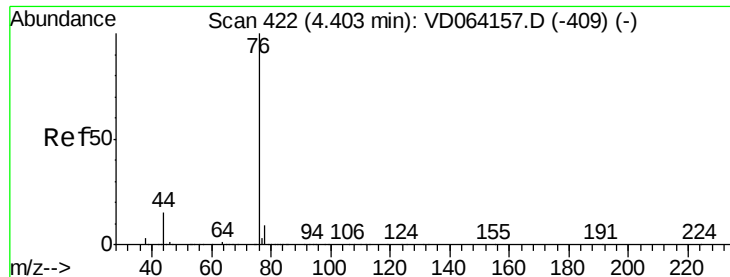
2000

0

Time-->

4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.086 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064366.D

Acq: 25 Nov 2019 17:56

Instrument :

MSVOA_D

ClientSampleId :

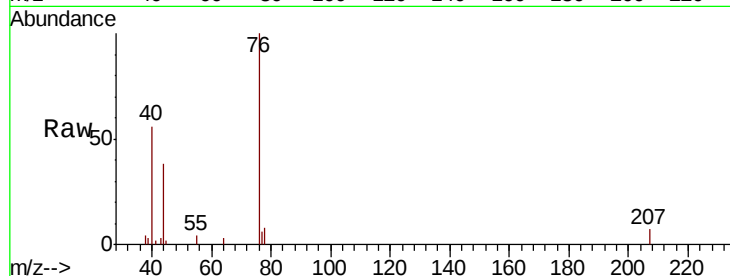
IDLEWILD-BH-01A

Tot Ion: 76 Resp: 20630

Ion Ratio Lower Upper

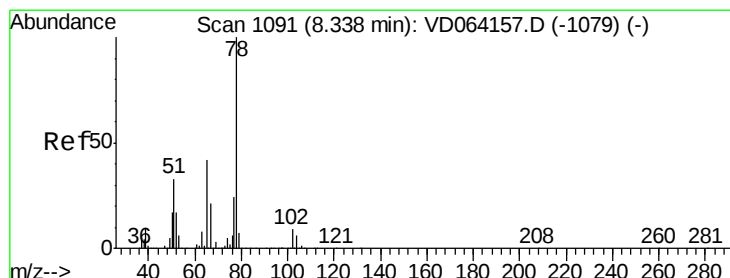
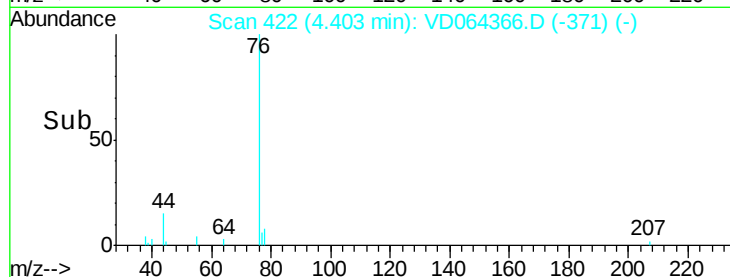
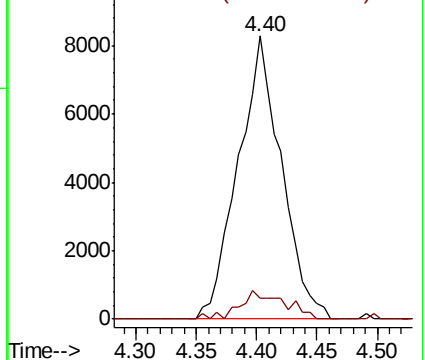
76 100

78 7.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.586 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064366.D

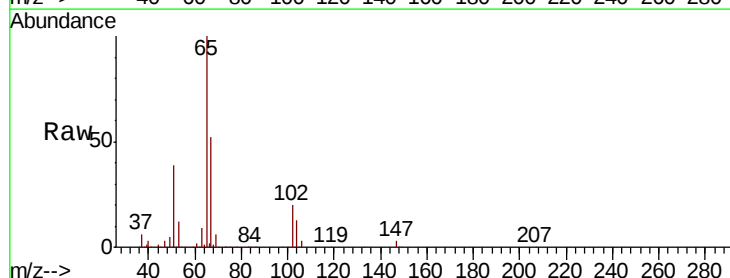
Acq: 25 Nov 2019 17:56

Tgt Ion: 65 Resp: 295988

Ion Ratio Lower Upper

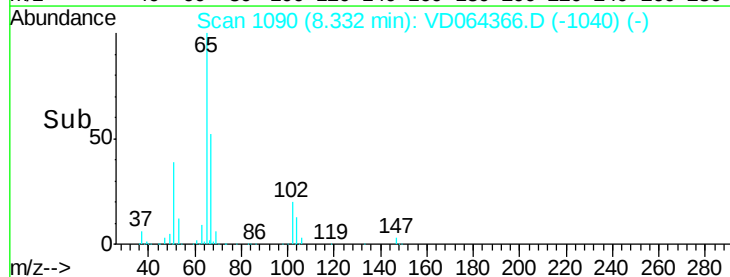
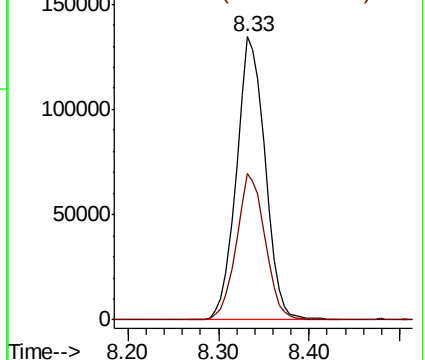
65 100

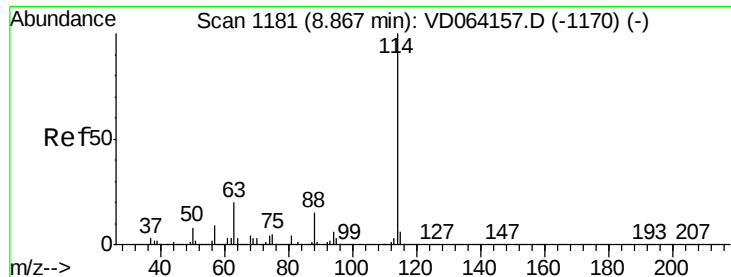
67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

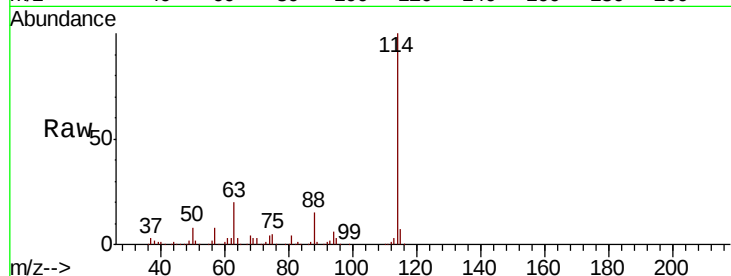




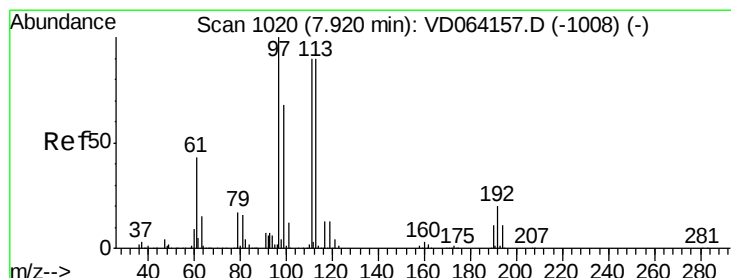
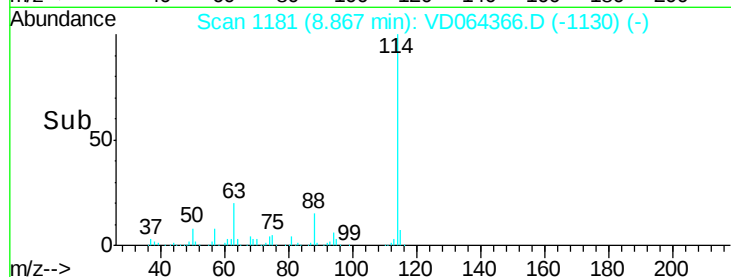
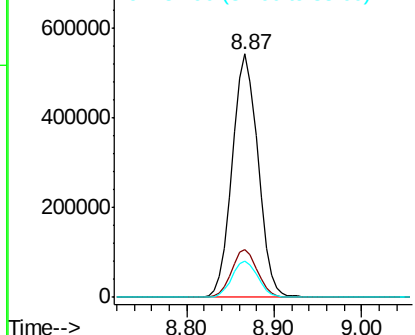
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064366.D
Acq: 25 Nov 2019 17:56

Instrument :
MSVOA_D
ClientSampleId :
IDLEWILD-BH-01A

Tot Ion:114 Resp: 1086915
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.1 0.0 30.2

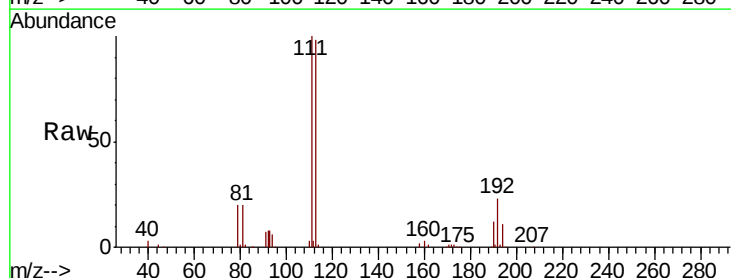


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

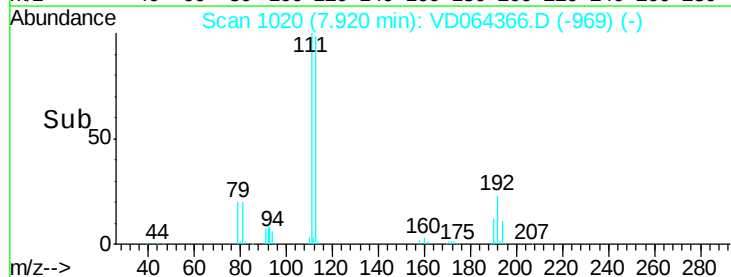
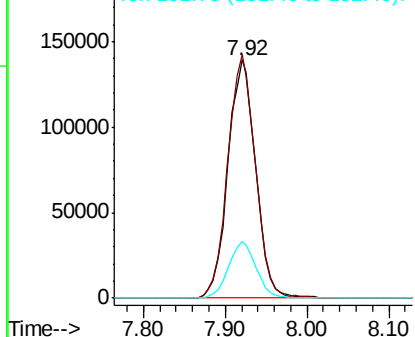


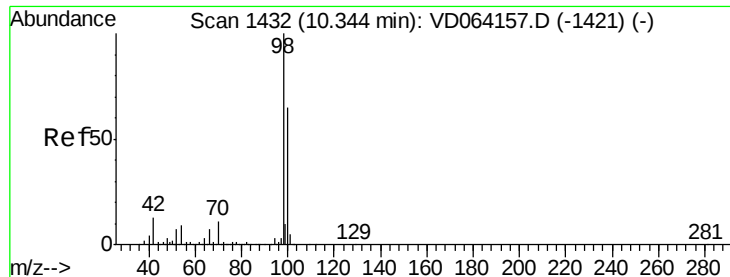
#35
Dibromofluoromethane
Concen: 52.577 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064366.D
Acq: 25 Nov 2019 17:56

Tgt Ion:113 Resp: 328030
Ion Ratio Lower Upper
113 100
111 101.9 81.5 122.3
192 23.5 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: 54.362 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064366.D

Acq: 25 Nov 2019 17:56

Instrument :

MSVOA_D

ClientSampleId :

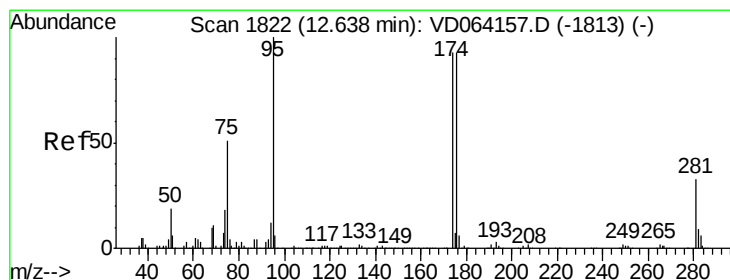
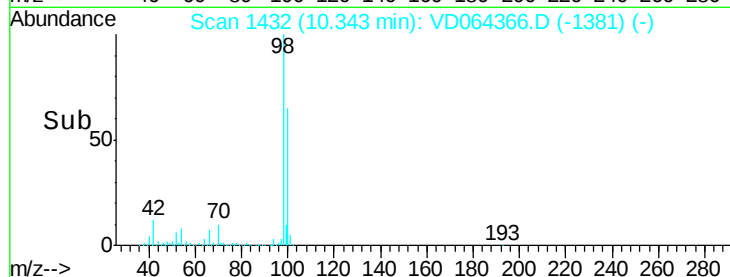
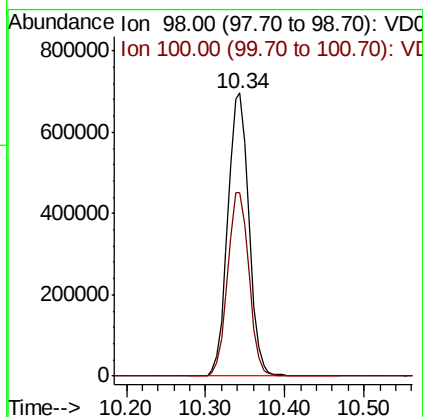
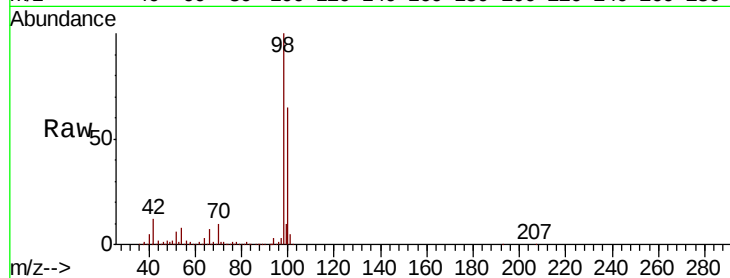
IDLEWILD-BH-01A

Tot Ion: 98 Resp: 1279481

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.778 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064366.D

Acq: 25 Nov 2019 17:56

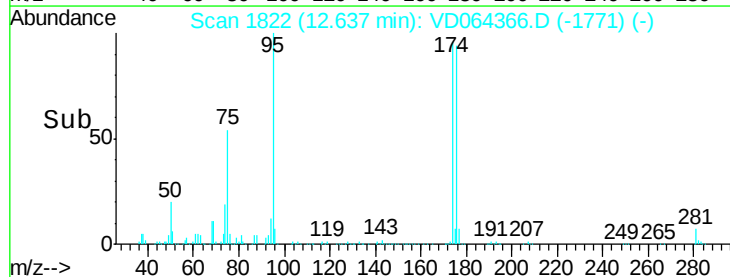
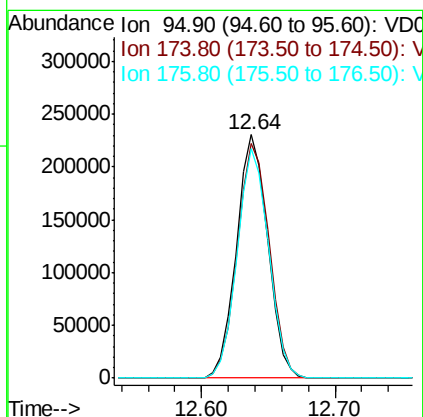
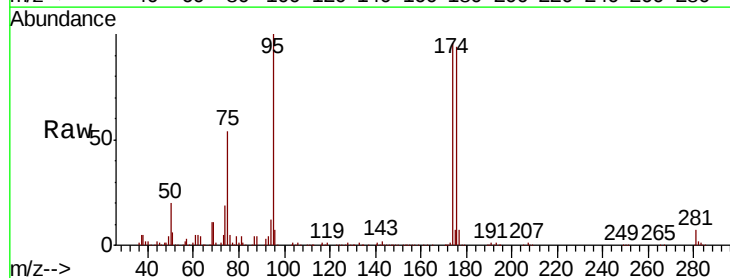
Tgt Ion: 95 Resp: 373130

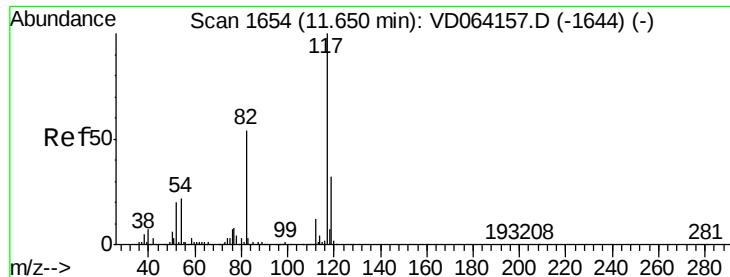
Ion Ratio Lower Upper

95 100

174 98.4 0.0 183.6

176 94.7 0.0 180.2

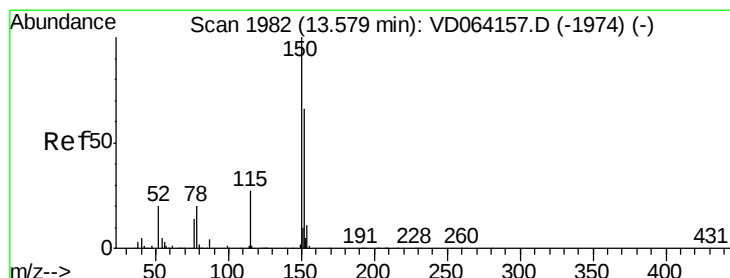
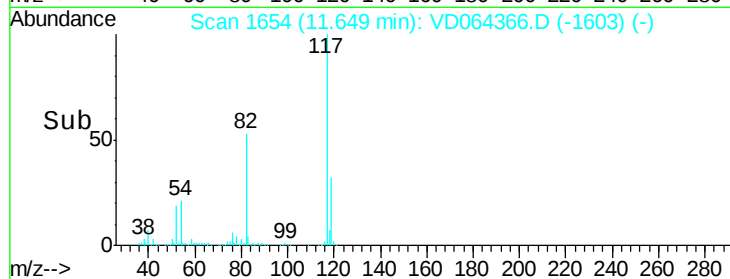
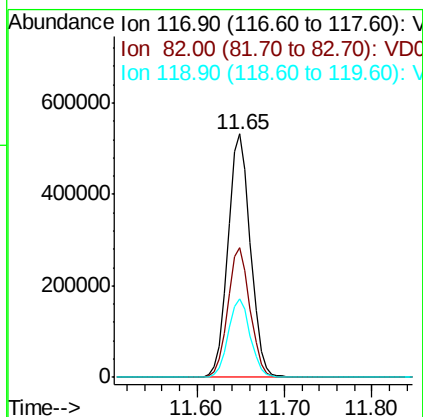
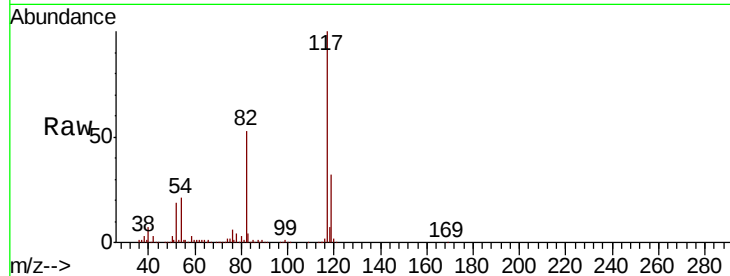




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064366.D
Acq: 25 Nov 2019 17:56

Instrument :
MSVOA_D
ClientSampleId :
IDLEWILD-BH-01A

Tot Ion:117 Resp: 931141
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.0 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: VD064366.D
Acq: 25 Nov 2019 17:56

Tgt Ion:152 Resp: 404438
Ion Ratio Lower Upper
152 100
115 53.6 27.4 82.2
150 155.9 0.0 351.6

