

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065013.D
 Acq On : 30 Jan 2020 15:15
 Operator : VA/SY
 Sample : L1318-11
 Misc : 4.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RAINEY-PARK-BH-04-B

Quant Time: Jan 30 16:31:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	23646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	36275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	37365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	16956	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	17365	76.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.12%	
35) Dibromofluoromethane	7.92	113	15279	67.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.06%	
50) Toluene-d8	10.34	98	42056	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.64	95	15063	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	

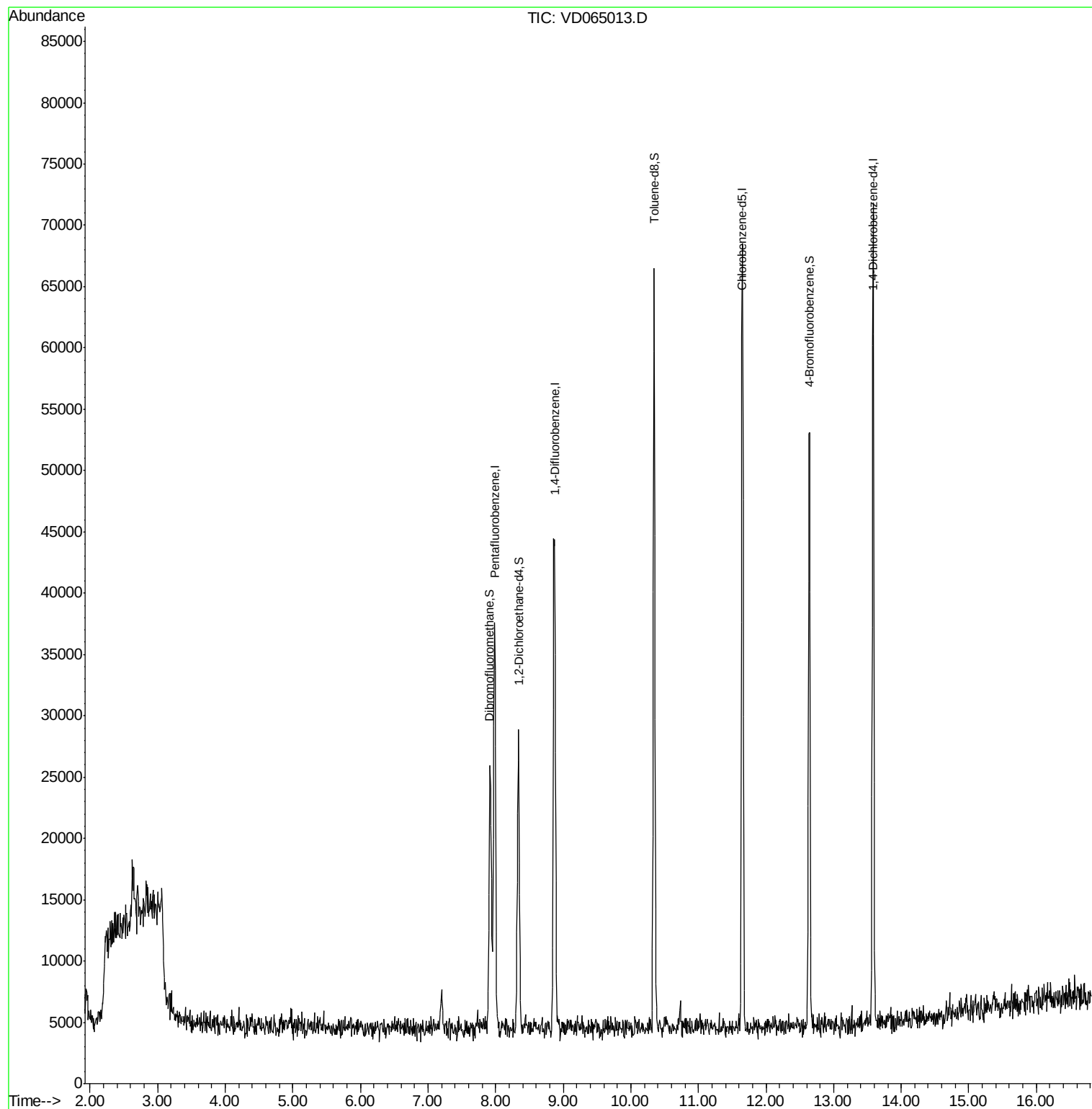
Target Compounds	Qvalue

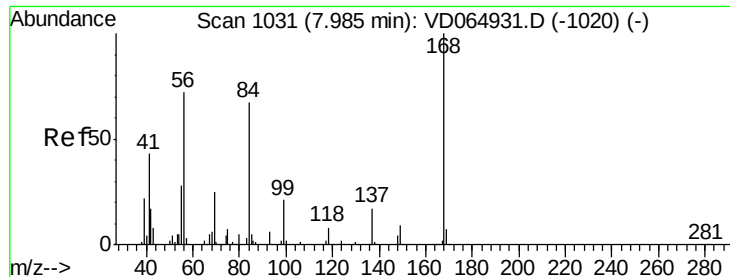
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065013.D

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Instrument :

MSVOA_D

ClientSampleId :

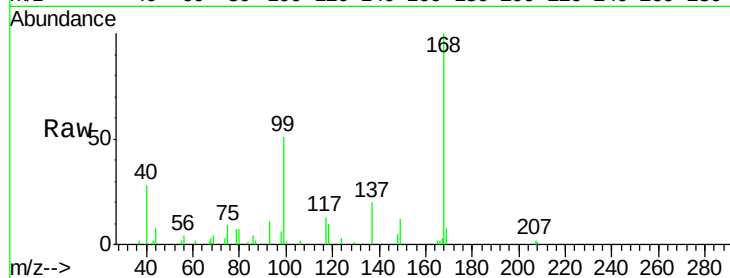
RAINEY-PARK-BH-04-B

Tot Ion:168 Resp: 23646

Ion Ratio Lower Upper

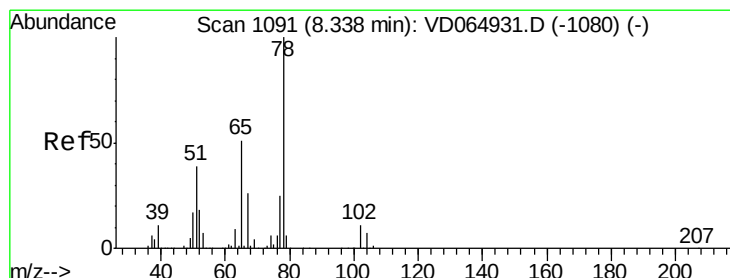
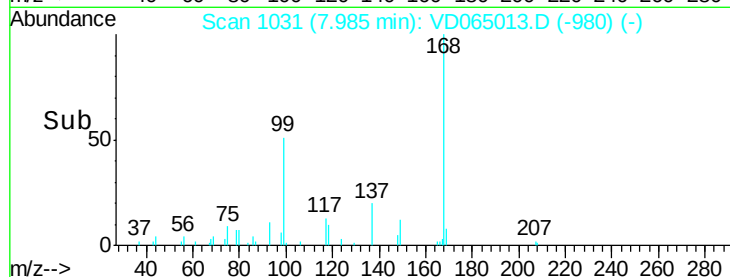
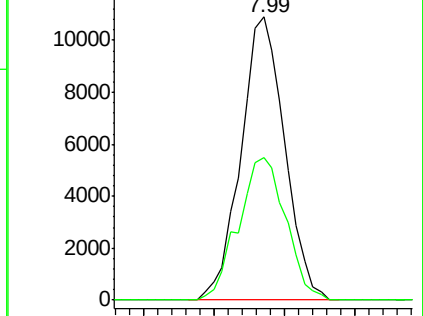
168 100

99 50.6 43.3 64.9



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: 76.560 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065013.D

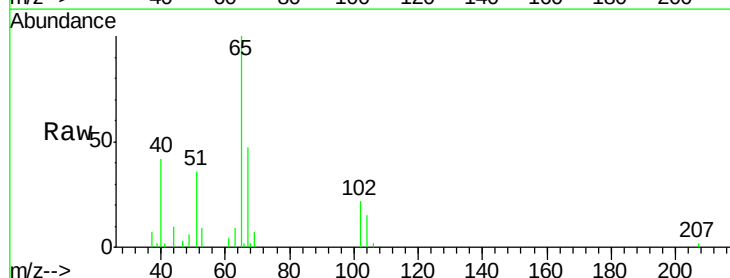
Acq: 30 Jan 2020 15:15

Tgt Ion: 65 Resp: 17365

Ion Ratio Lower Upper

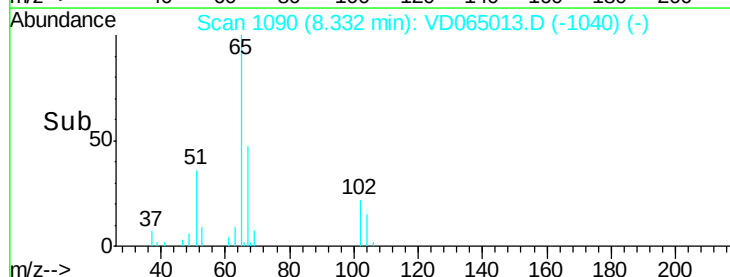
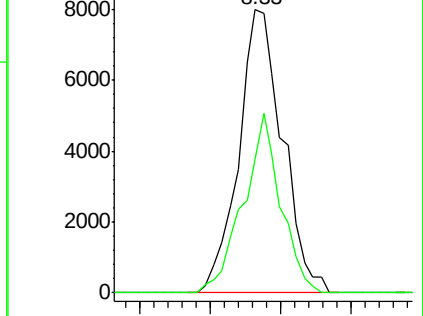
65 100

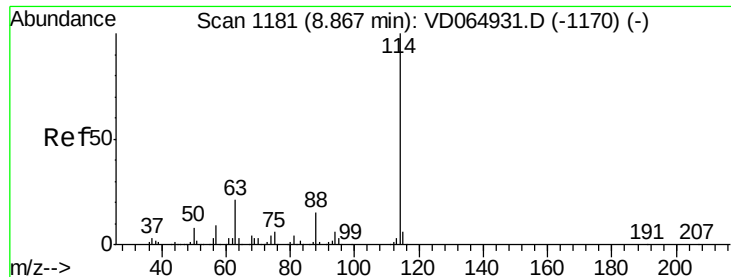
67 54.1 0.0 103.6



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# 1182

Delta R.T. 0.01 min

Lab File: VD065013.D

Acq: 30 Jan 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

RAINEY-PARK-BH-04-B

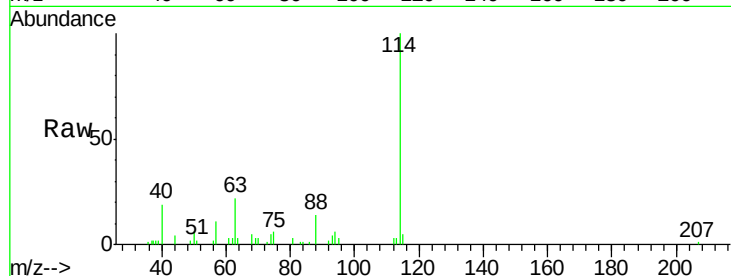
Tot Ion:114 Resp: 36275

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.0

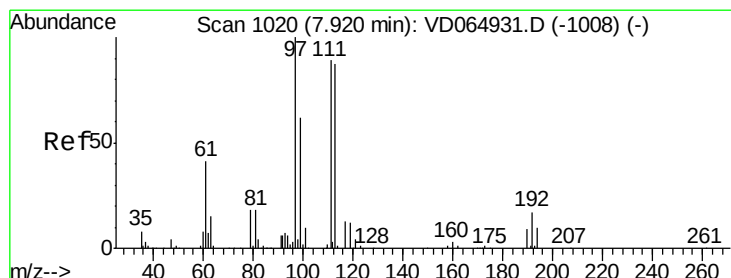
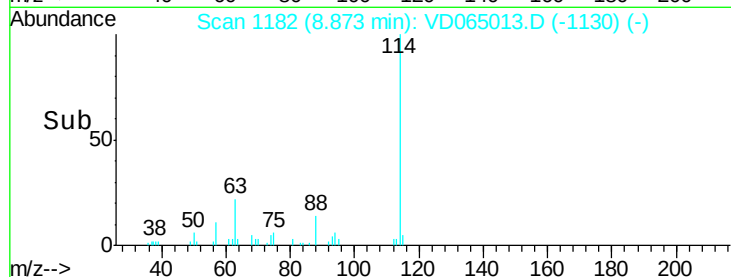
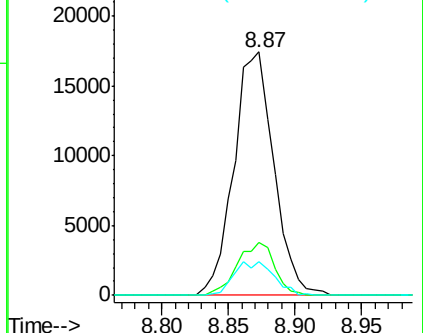
88 13.8 0.0 29.4



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: 67.026 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065013.D

Acq: 30 Jan 2020 15:15

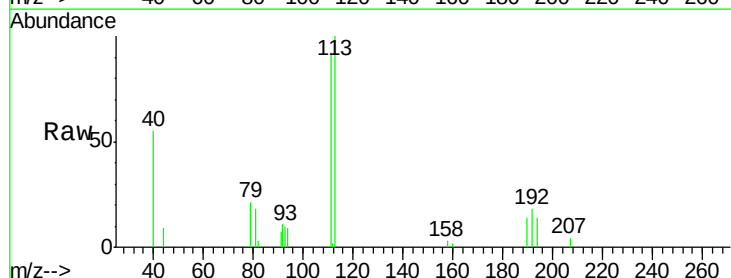
Tgt Ion:113 Resp: 15279

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

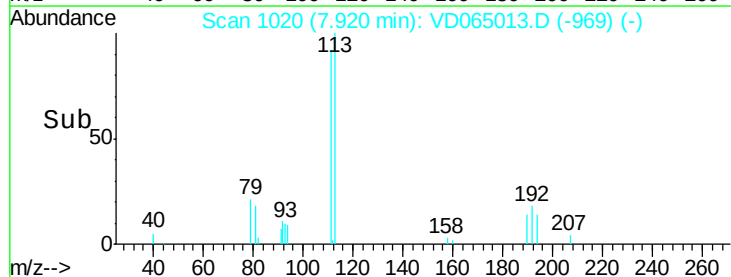
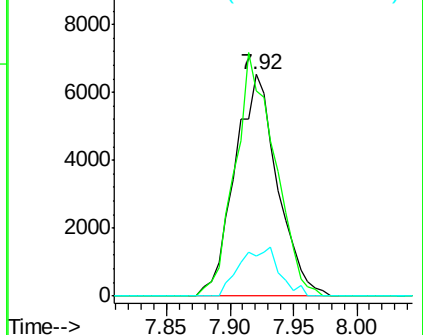
192 20.5 16.9 25.3

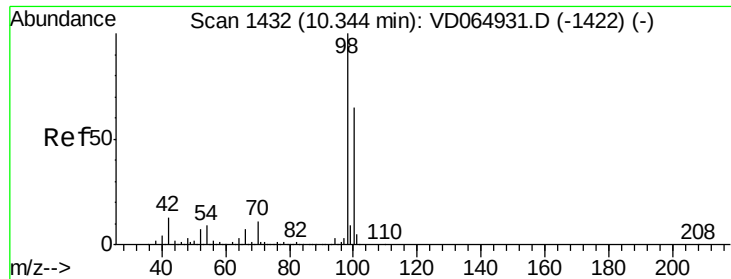


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

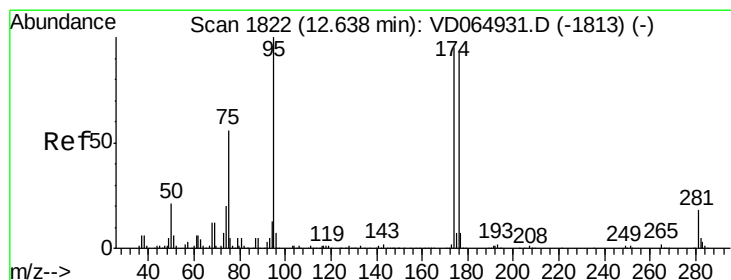
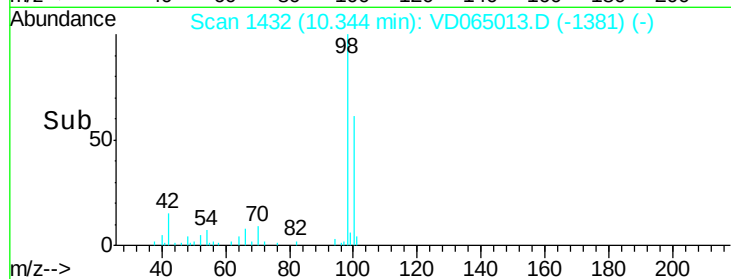
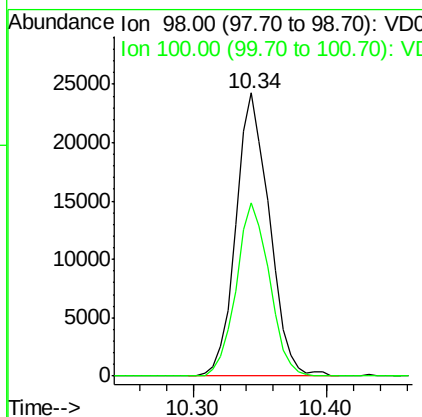
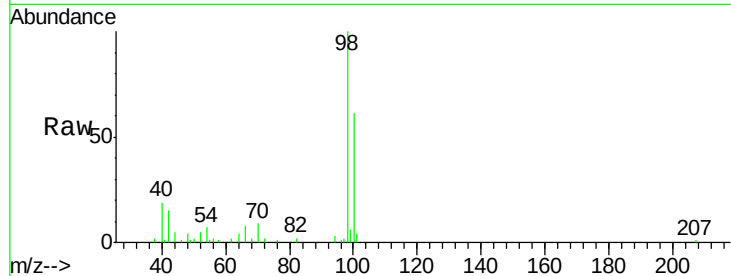




#50
Toluene-d8
Concen: 47.800 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065013.D
Acq: 30 Jan 2020 15:15

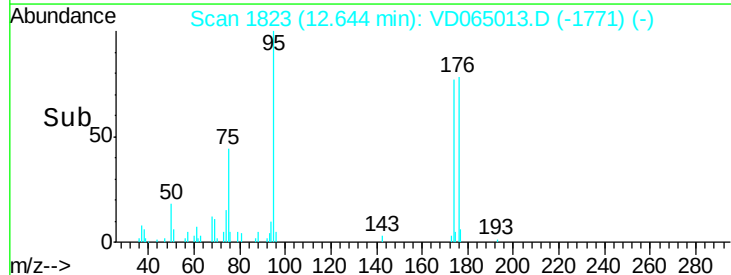
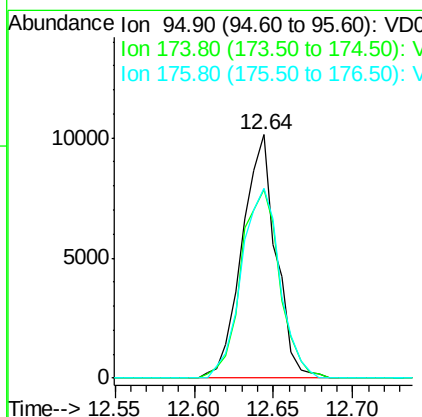
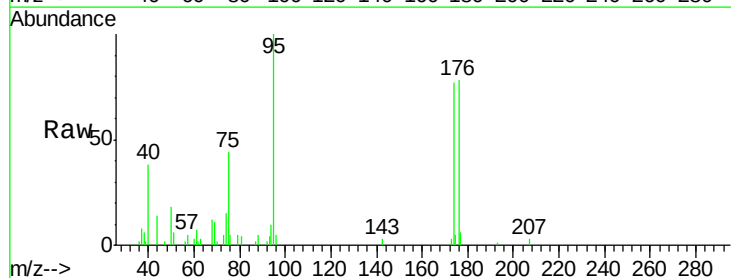
Instrument :
MSVOA_D
ClientSampleId :
RAINEY-PARK-BH-04-B

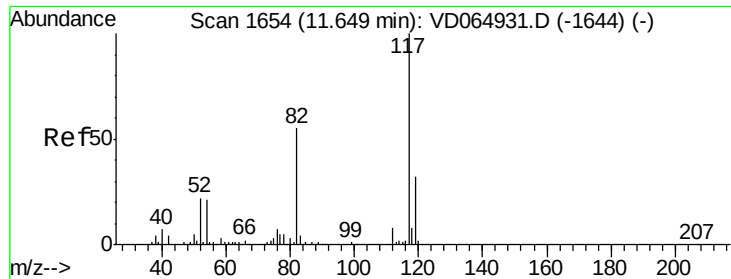
Tot Ion: 98 Resp: 42056
Ion Ratio Lower Upper
98 100
100 60.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 55.945 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065013.D
Acq: 30 Jan 2020 15:15

Tgt Ion: 95 Resp: 15063
Ion Ratio Lower Upper
95 100
174 88.7 0.0 186.8
176 88.3 0.0 183.4

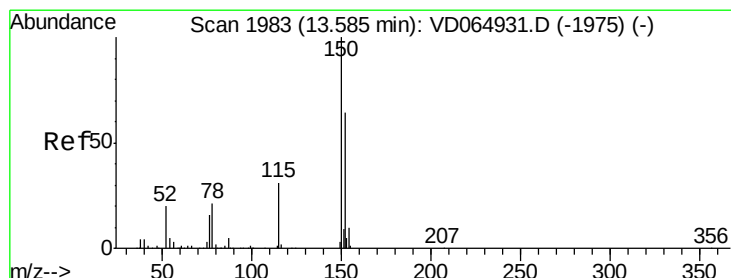
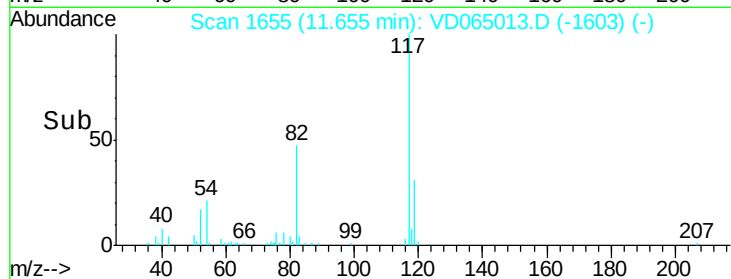
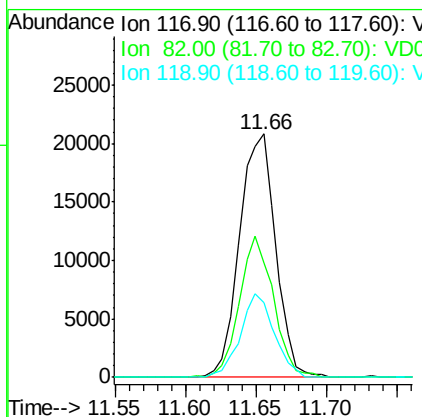
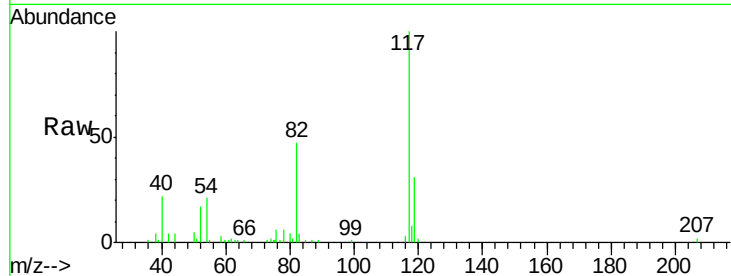




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065013.D
Acq: 30 Jan 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion:117 Resp: 37365
Ion Ratio Lower Upper
117 100
82 47.2 43.6 65.4
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065013.D
Acq: 30 Jan 2020 15:15

Tgt Ion:152 Resp: 16956
Ion Ratio Lower Upper
152 100
115 54.7 28.1 84.4
150 160.2 0.0 350.4

