

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013020\
 Data File : VD065017.D
 Acq On : 30 Jan 2020 17:10
 Operator : VA/SY
 Sample : L1318-18
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RAINEY-PARK-BH-05-C

Quant Time: Jan 31 02:38:34 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

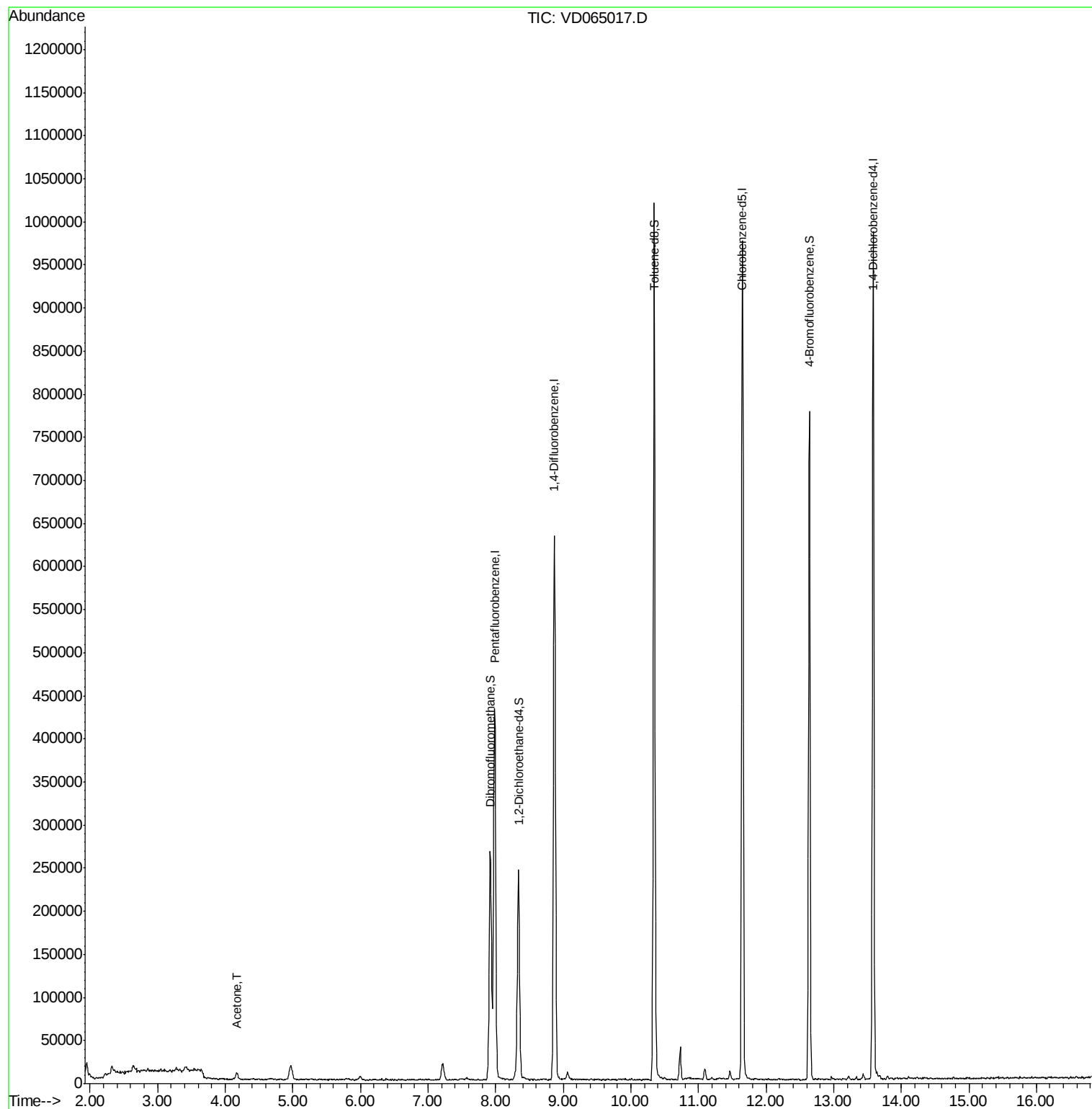
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	331802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	542971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	557486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	196462	61.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.46%	
35) Dibromofluoromethane	7.92	113	184084	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.34	98	666658	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.64	95	226205	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
Target Compounds						
16) Acetone	4.17	43	13025	27.747	ug/l	Qvalue 90

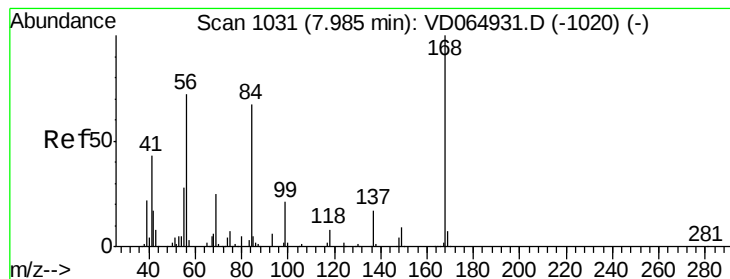
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065017.D

Acq: 30 Jan 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

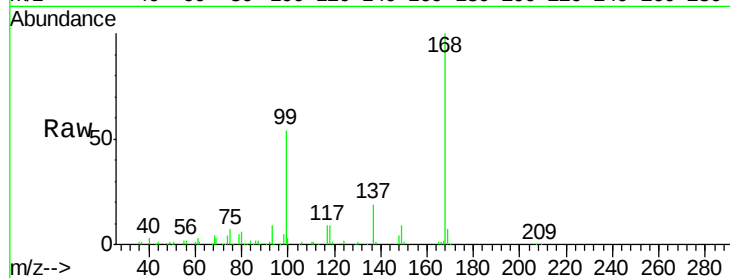
RAINEY-PARK-BH-05-C

Tot Ion:168 Resp: 331802

Ion Ratio Lower Upper

168 100

99 53.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

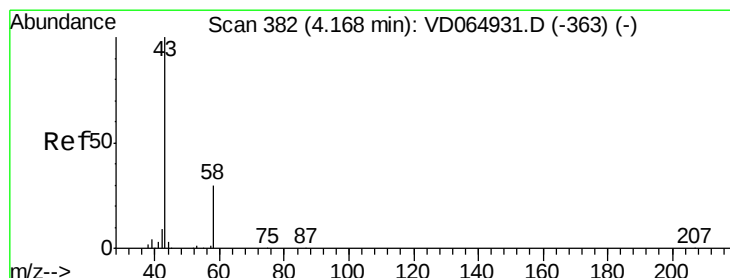
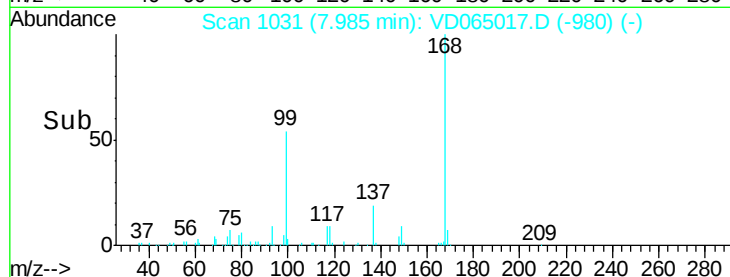
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 27.747 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065017.D

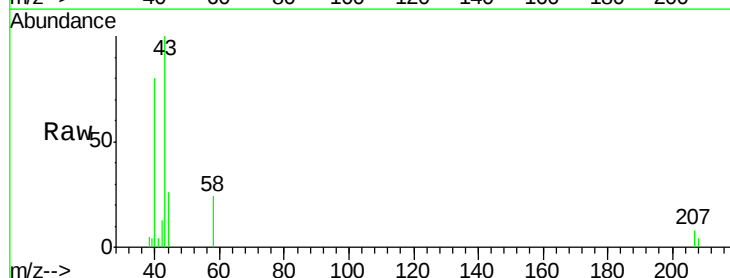
Acq: 30 Jan 2020 17:10

Tgt Ion: 43 Resp: 13025

Ion Ratio Lower Upper

43 100

58 24.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

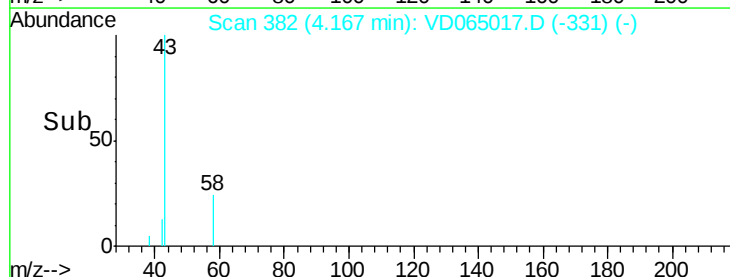
3000

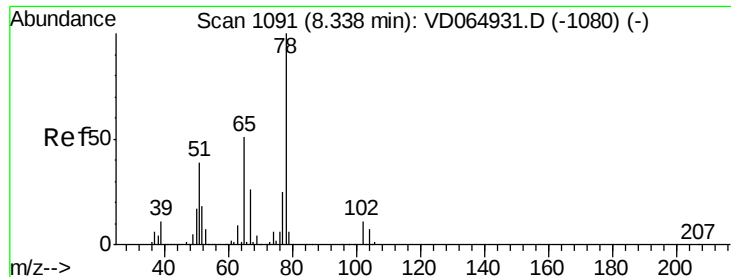
2000

1000

0

Time-->

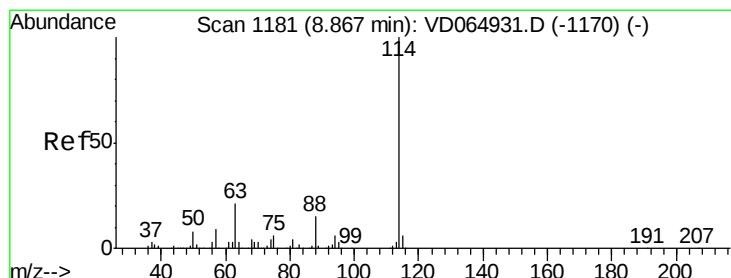
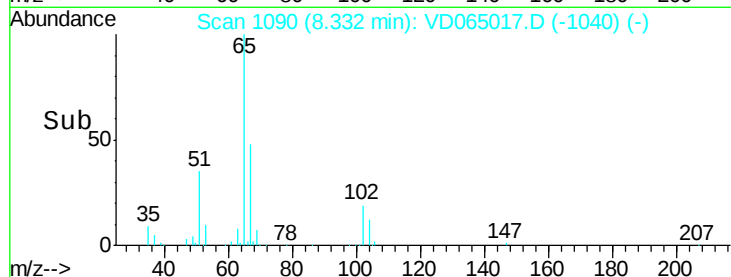
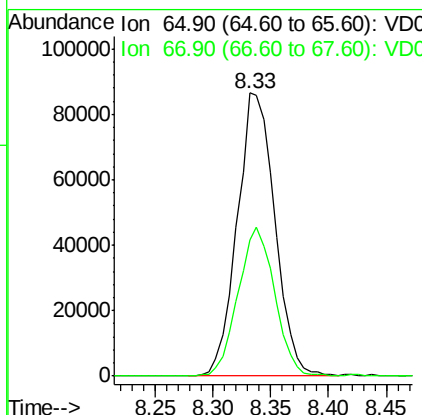
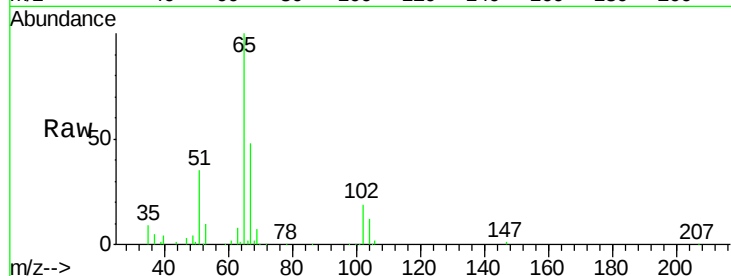




#33
 1,2-Dichloroethane-d4
 Concen: 61.728 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065017.D
 Acq: 30 Jan 2020 17:10

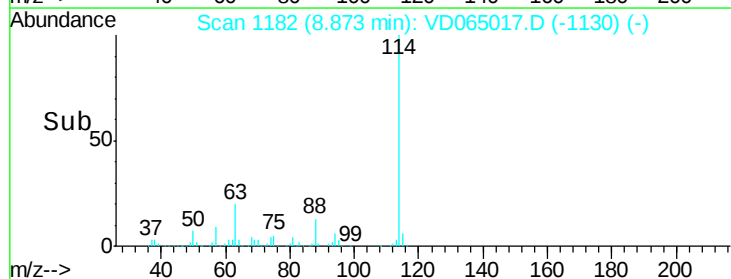
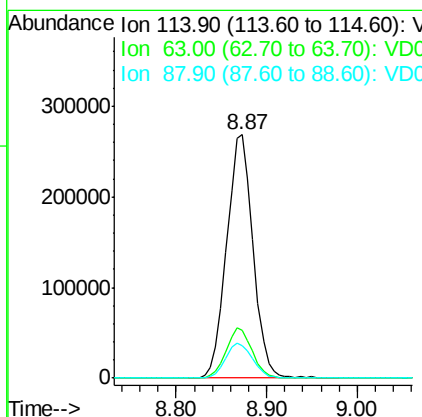
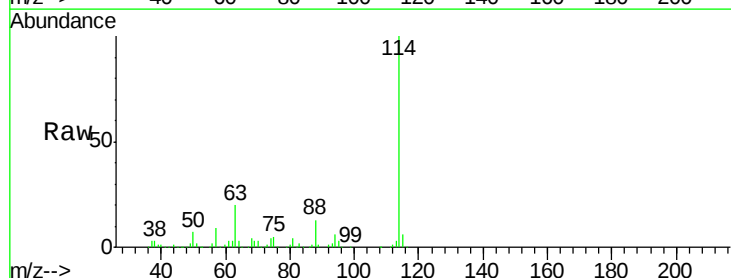
Instrument :
 MSVOA_D
 ClientSampleId :
 RAINEY-PARK-BH-05-C

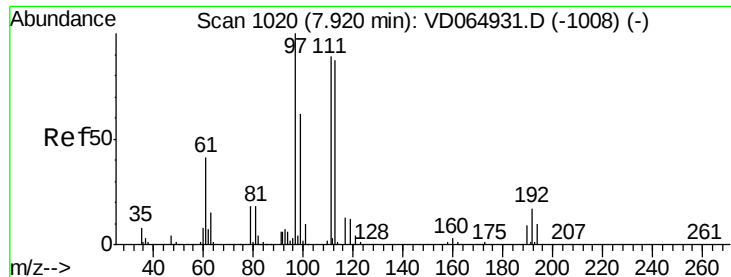
Tot Ion: 65 Resp: 196462
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065017.D
 Acq: 30 Jan 2020 17:10

Tgt Ion: 114 Resp: 542971
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.0
 88 13.5 0.0 29.4

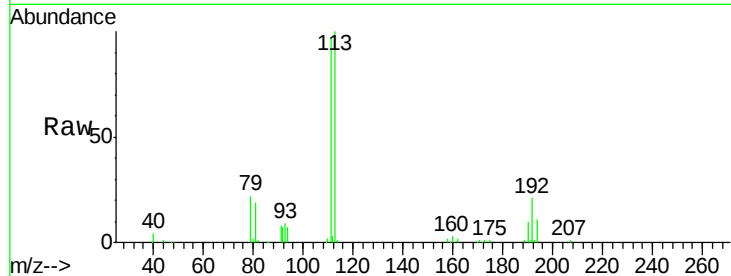




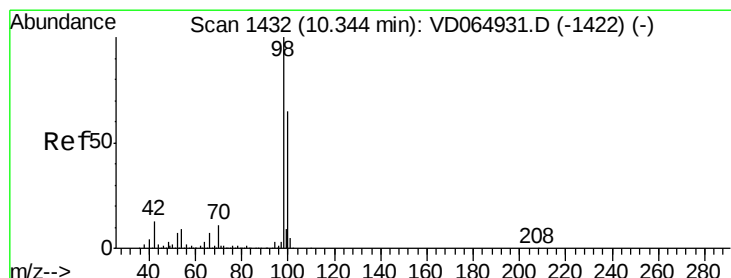
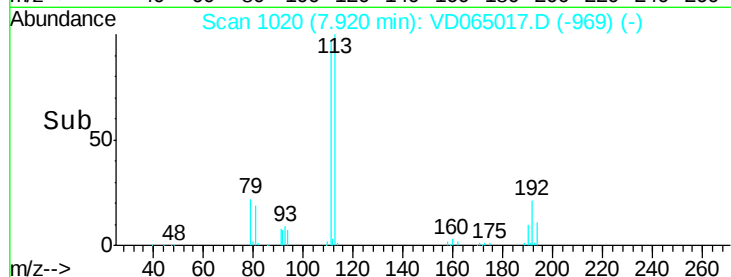
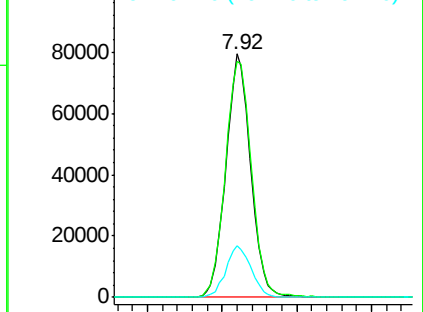
#35
 Dibromofluoromethane
 Concen: 53.950 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065017.D
 Acq: 30 Jan 2020 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 RAINEY-PARK-BH-05-C

Tot Ion:113 Resp: 184084
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 21.4 16.9 25.3

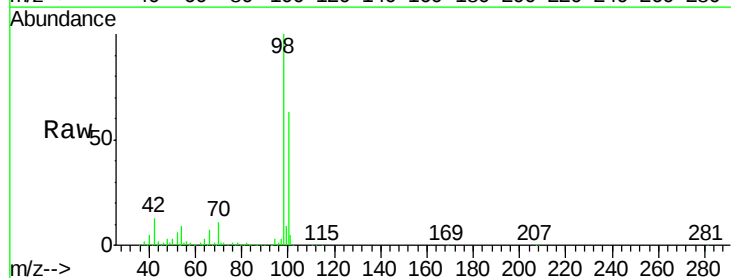


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

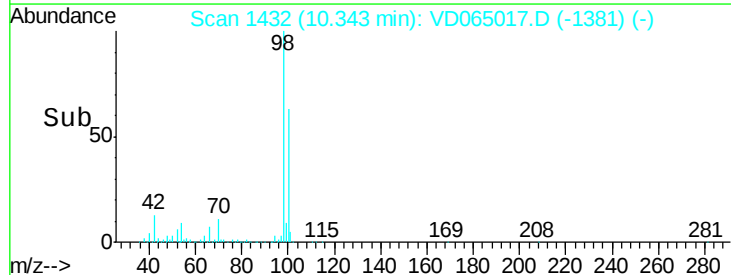
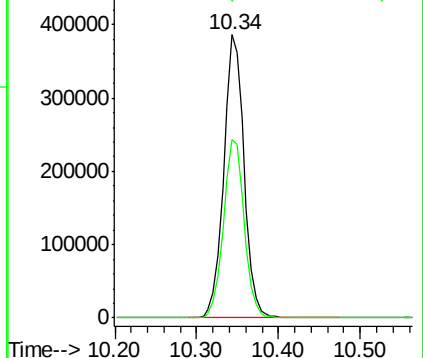


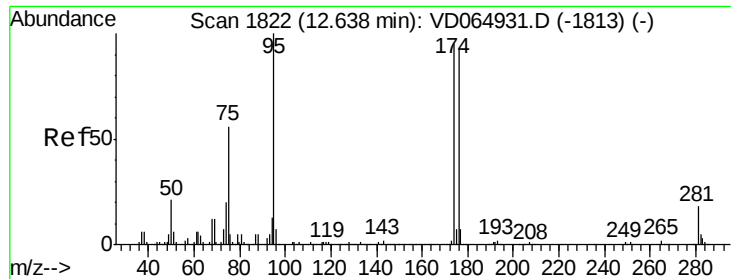
#50
 Toluene-d8
 Concen: 50.622 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065017.D
 Acq: 30 Jan 2020 17:10

Tgt Ion: 98 Resp: 666658
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

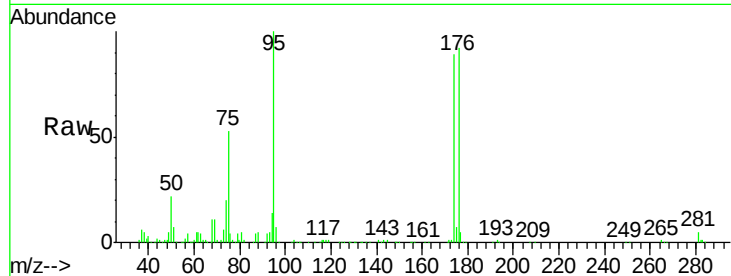




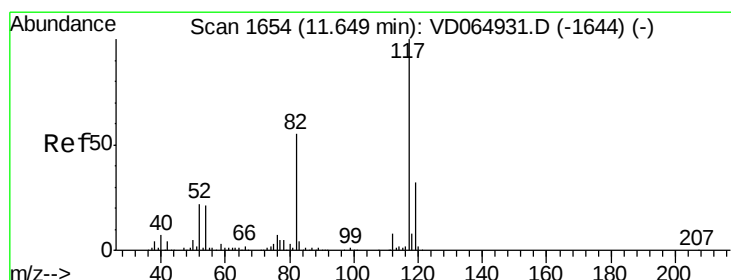
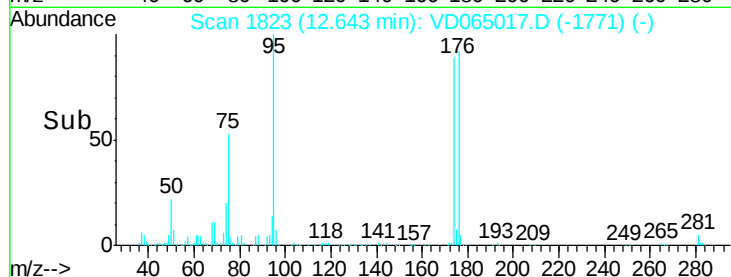
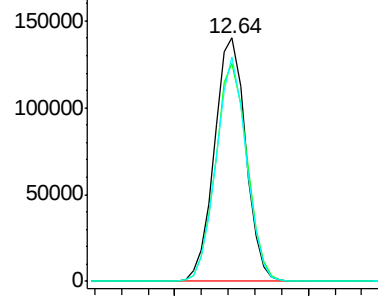
#62
4-Bromofluorobenzene
Concen: 56.129 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065017.D
Acq: 30 Jan 2020 17:10

Instrument :
MSVOA_D
ClientSampleId :
RAINEY-PARK-BH-05-C

Tot Ion: 95 Resp: 226205
Ion Ratio Lower Upper
95 100
174 90.7 0.0 186.8
176 89.1 0.0 183.4

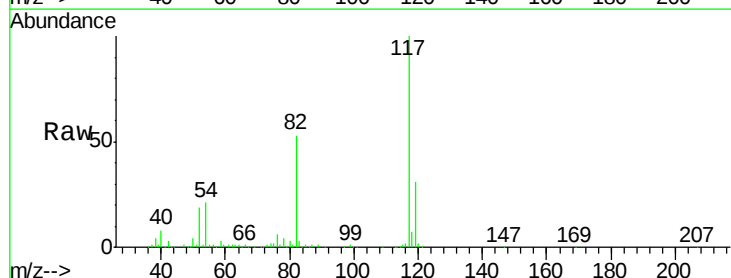


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

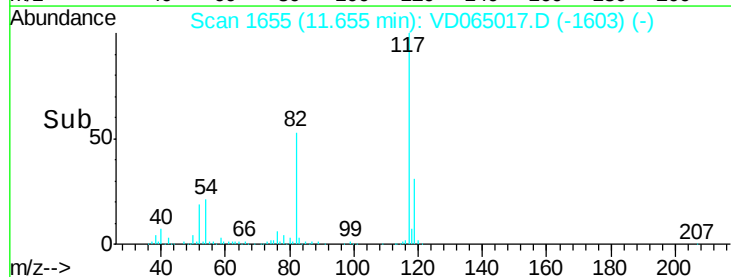
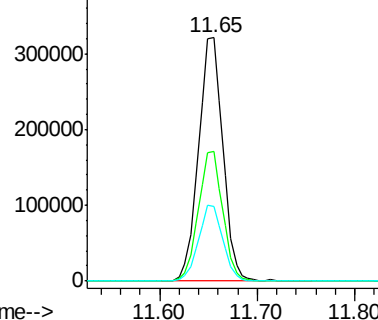


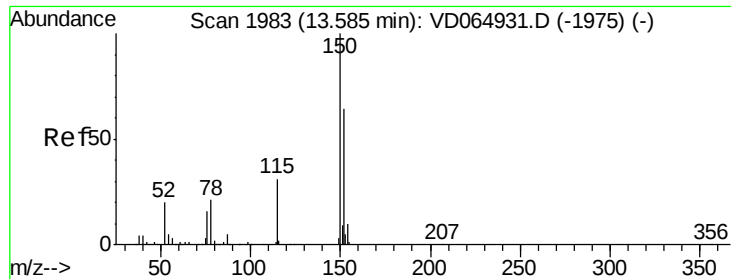
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065017.D
Acq: 30 Jan 2020 17:10

Tgt Ion: 117 Resp: 557486
Ion Ratio Lower Upper
117 100
82 53.2 43.6 65.4
119 30.8 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065017.D

Acq: 30 Jan 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

RAINEY-PARK-BH-05-C

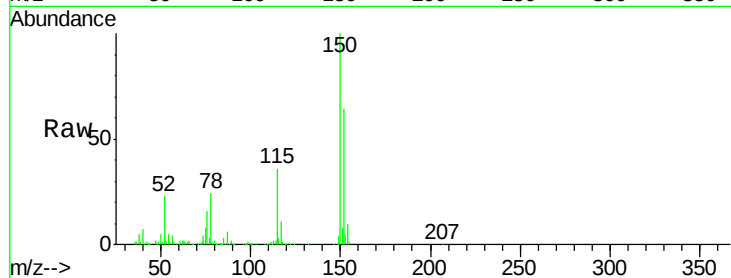
Tot Ion:152 Resp: 259731

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.4

150 157.7 0.0 350.4



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

