

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012720\
 Data File : VD064965.D
 Acq On : 27 Jan 2020 15:56
 Operator : VA/SY
 Sample : L1242-06
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200054-FIELD-DUP-COMP

Quant Time: Jan 27 16:31:33 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

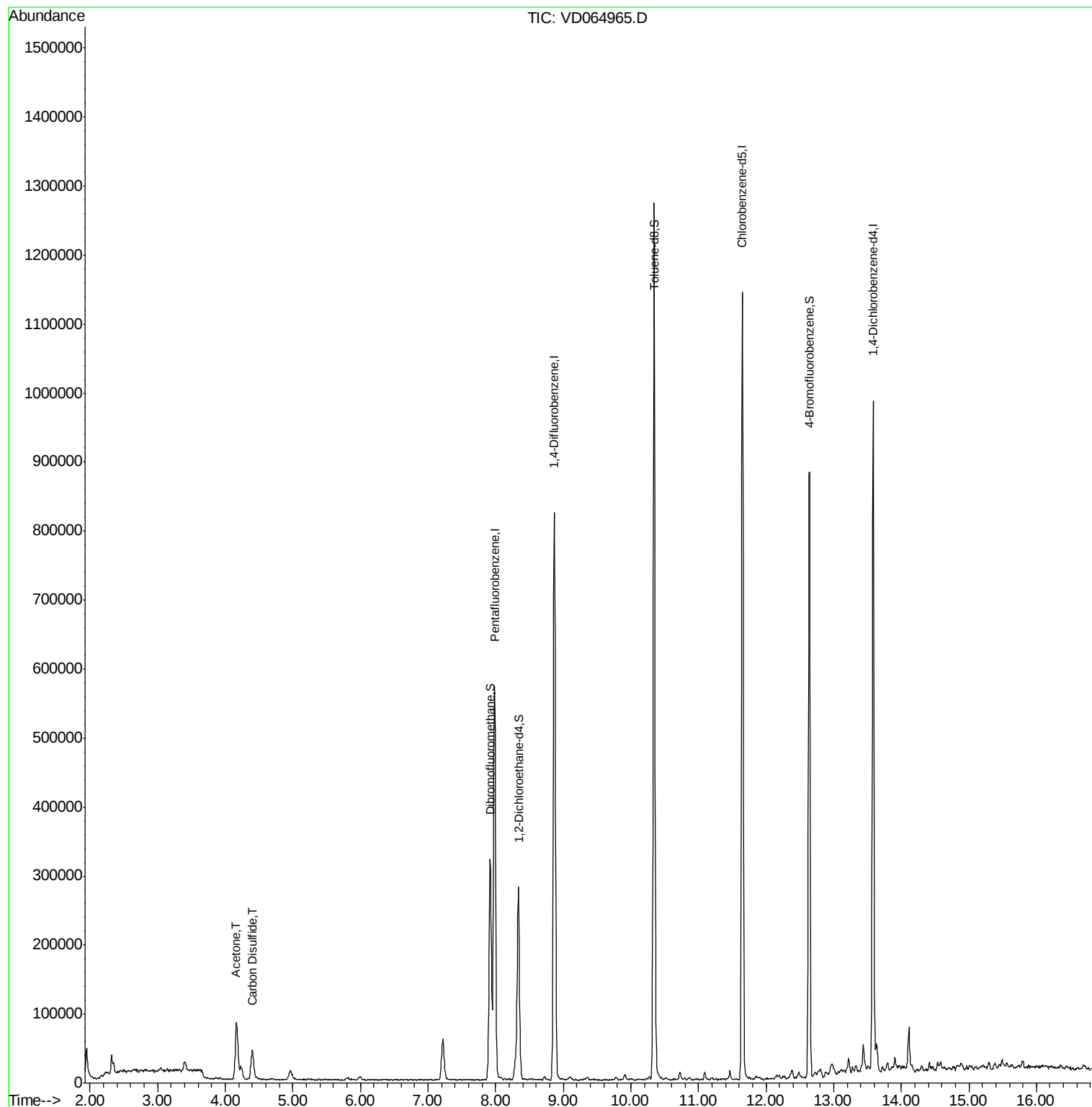
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	439754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	714678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	638039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	224407	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	7.92	113	226786	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.34	98	839628	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.64	95	259206	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
16) Acetone	4.16	43	149101	144.255	ug/l	97
17) Carbon Disulfide	4.40	76	91094	7.231	ug/l	100

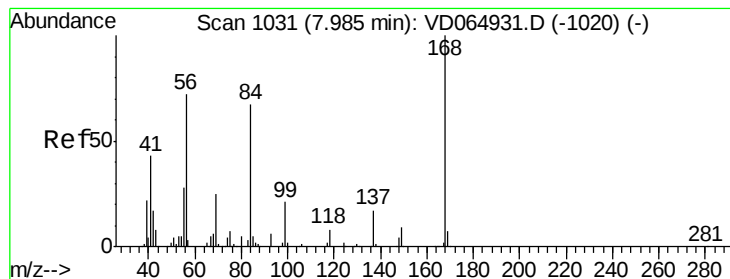
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064965.D

Acq: 27 Jan 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

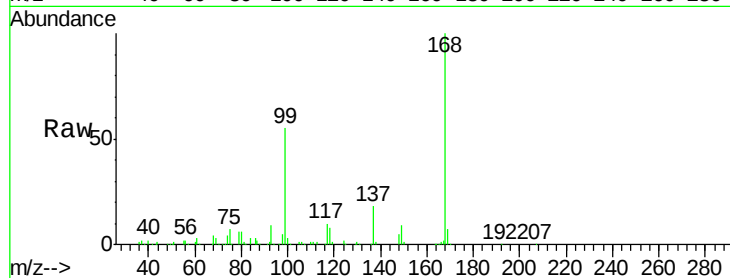
20200054-FIELD-DUP-COMP

Tot Ion:168 Resp: 439754

Ion Ratio Lower Upper

168 100

99 54.9 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

200000

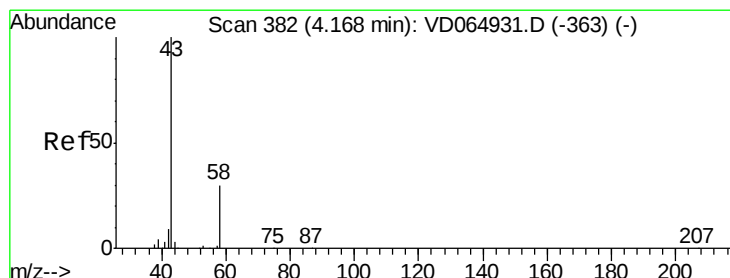
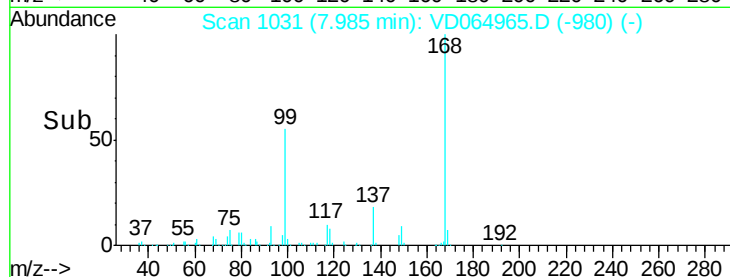
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 144.255 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064965.D

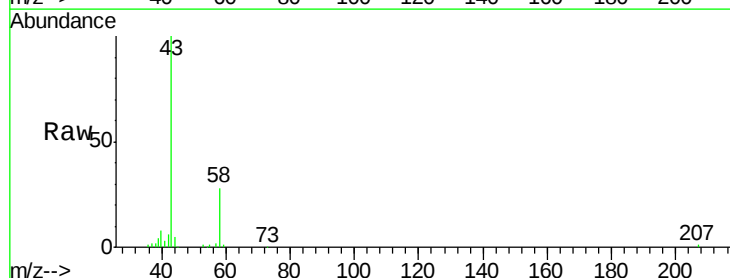
Acq: 27 Jan 2020 15:56

Tgt Ion: 43 Resp: 149101

Ion Ratio Lower Upper

43 100

58 28.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

60000

50000

40000

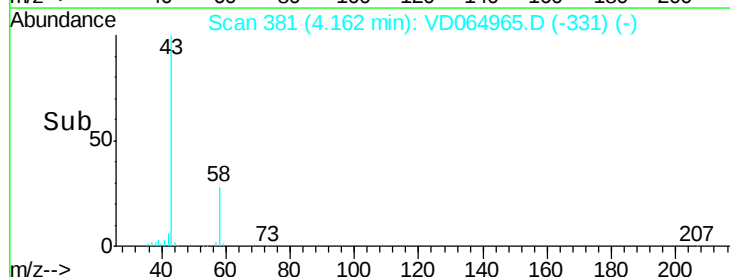
30000

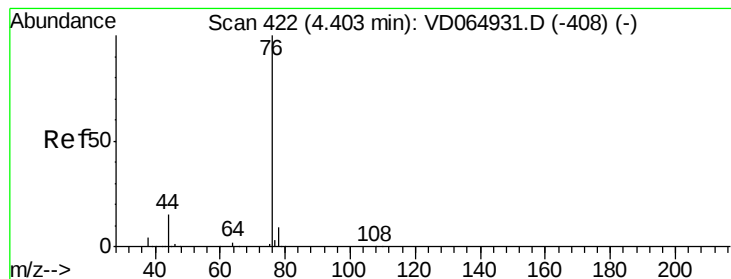
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 7.231 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064965.D

Acq: 27 Jan 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

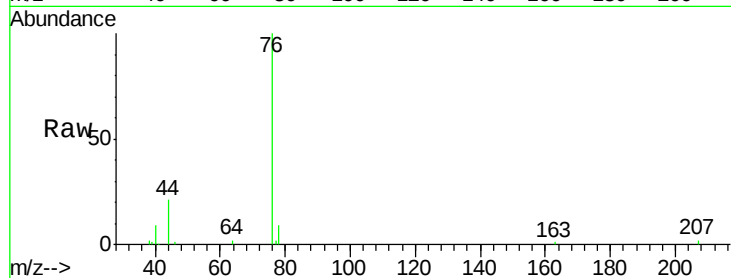
20200054-FIELD-DUP-COMP

Tot Ion: 76 Resp: 91094

Ion Ratio Lower Upper

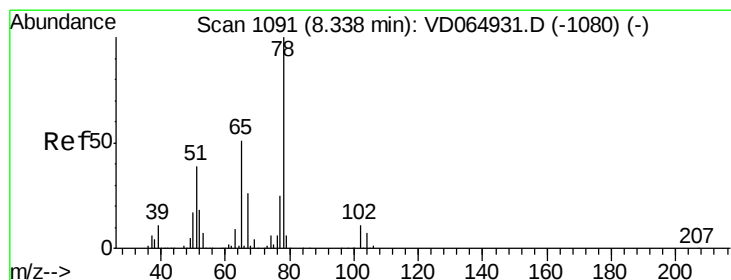
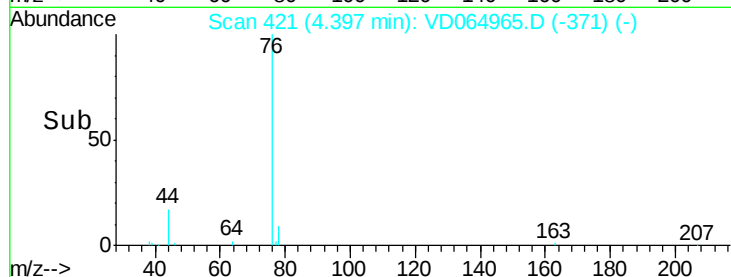
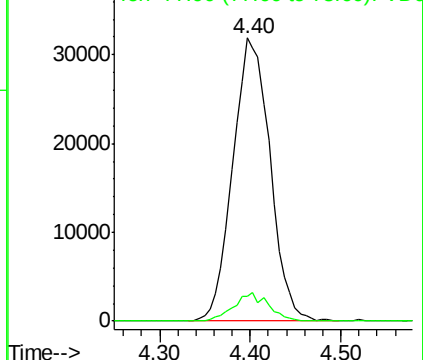
76 100

78 8.7 7.1 10.7



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: 53.200 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064965.D

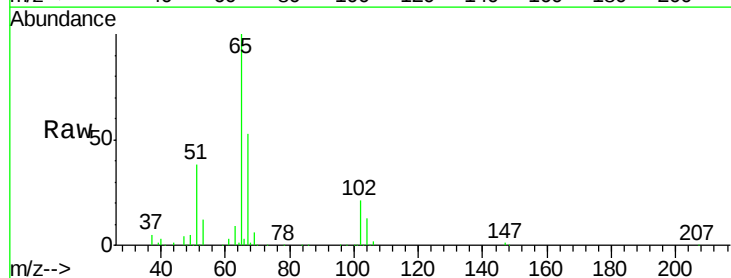
Acq: 27 Jan 2020 15:56

Tgt Ion: 65 Resp: 224407

Ion Ratio Lower Upper

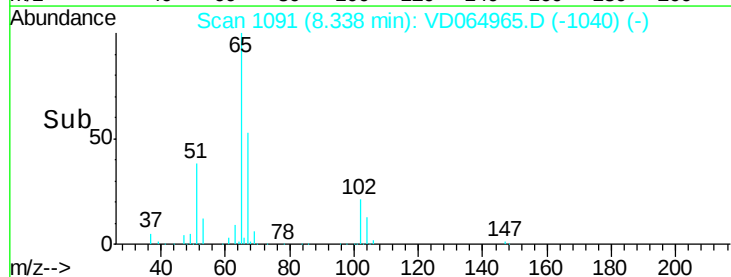
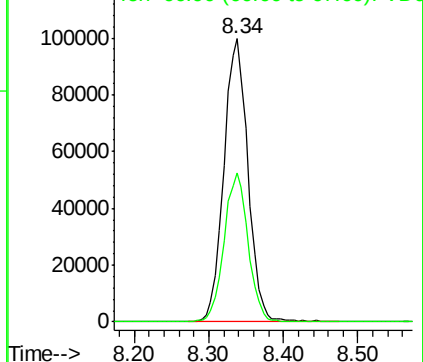
65 100

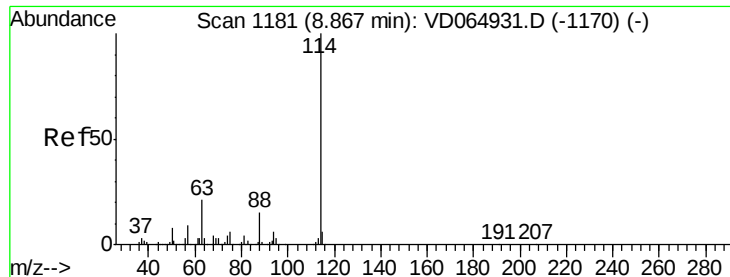
67 52.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

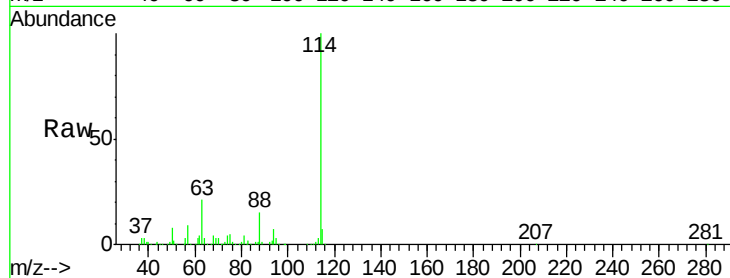




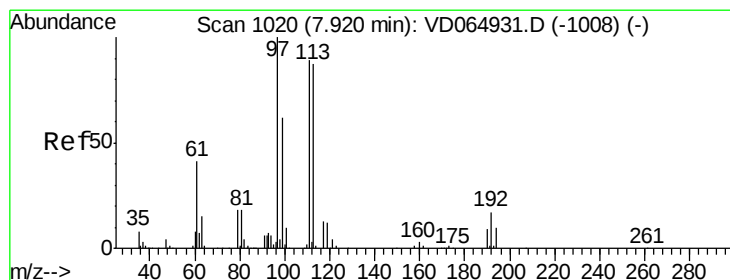
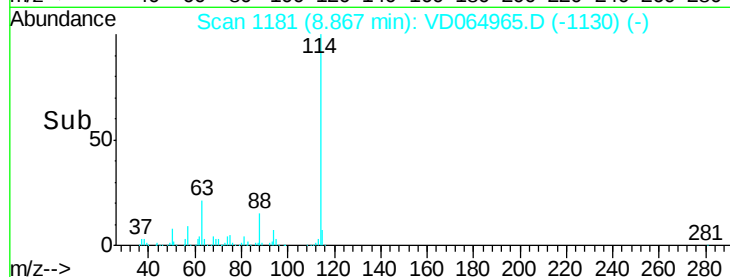
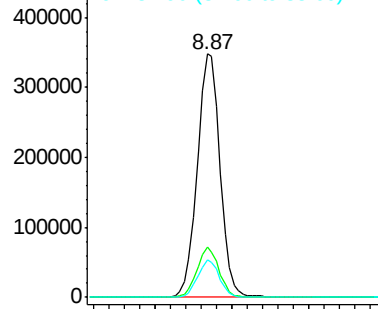
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064965.D
Acq: 27 Jan 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
20200054-FIELD-DUP-COMP

Tot Ion:114 Resp: 714678
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.0
88 15.3 0.0 29.4

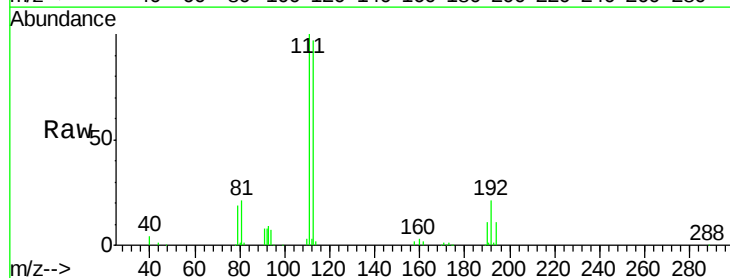


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

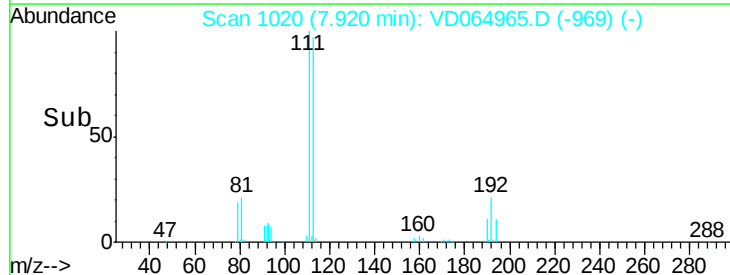
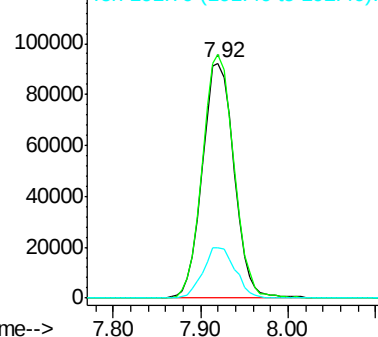


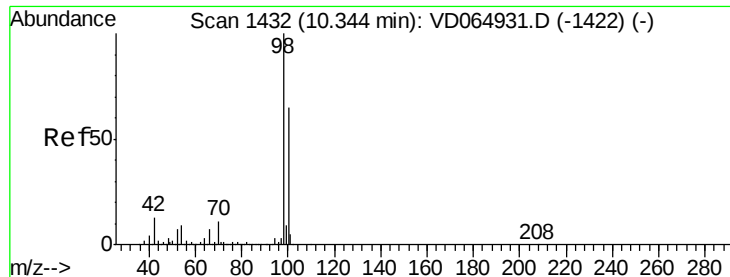
#35
Dibromofluoromethane
Concen: 50.496 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064965.D
Acq: 27 Jan 2020 15:56

Tgt Ion:113 Resp: 226786
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 21.8 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: 48.438 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064965.D

Acq: 27 Jan 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

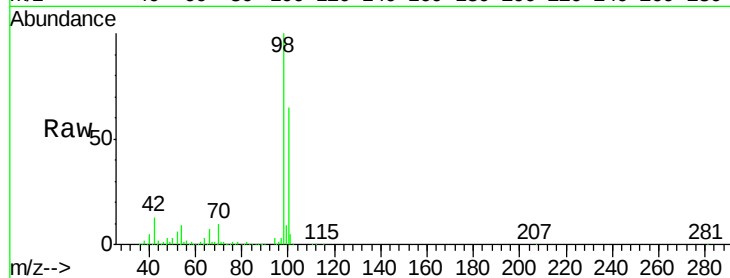
20200054-FIELD-DUP-COMP

Tot Ion: 98 Resp: 839628

Ion Ratio Lower Upper

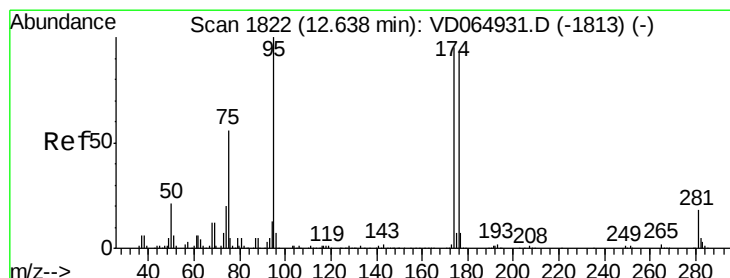
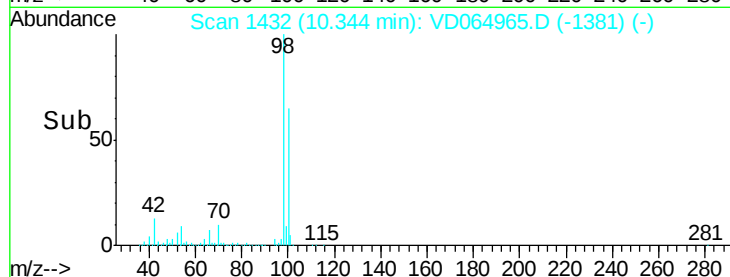
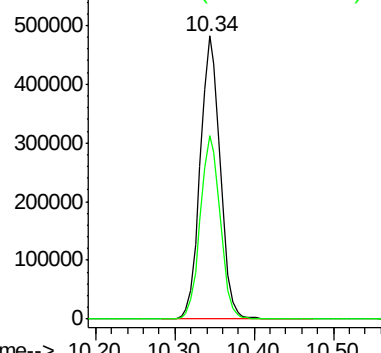
98 100

100 64.8 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: 48.864 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064965.D

Acq: 27 Jan 2020 15:56

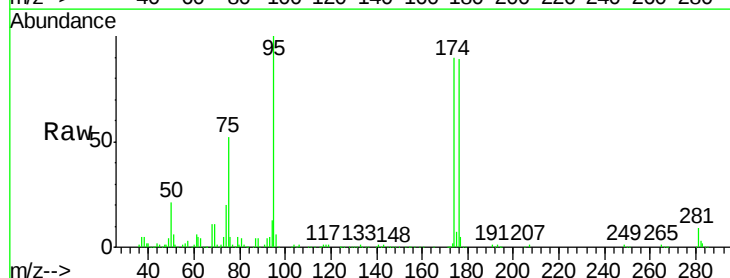
Tgt Ion: 95 Resp: 259206

Ion Ratio Lower Upper

95 100

174 90.9 0.0 186.8

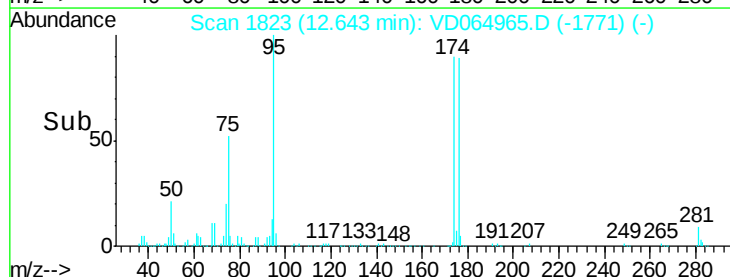
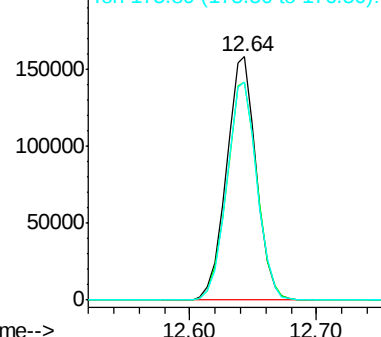
176 89.9 0.0 183.4

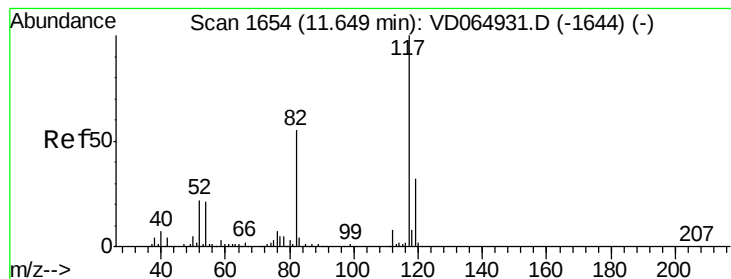


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064965.D

Acq: 27 Jan 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

20200054-FIELD-DUP-COMP

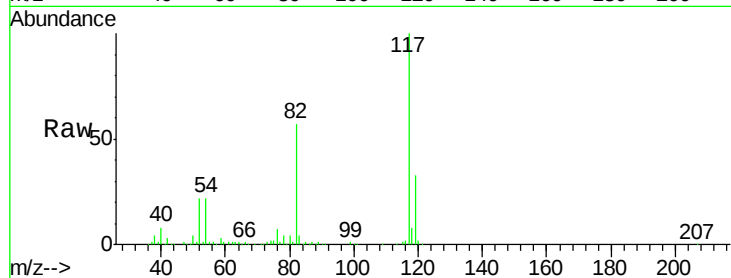
Tot Ion:117 Resp: 638039

Ion Ratio Lower Upper

117 100

82 56.8 43.6 65.4

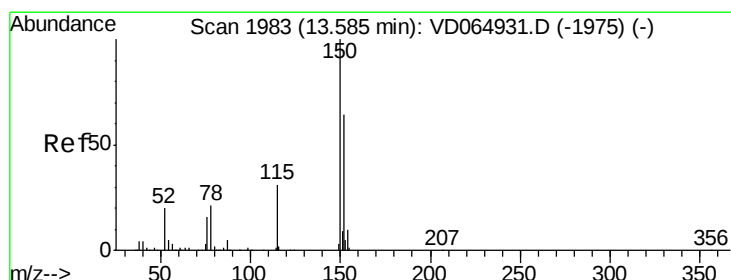
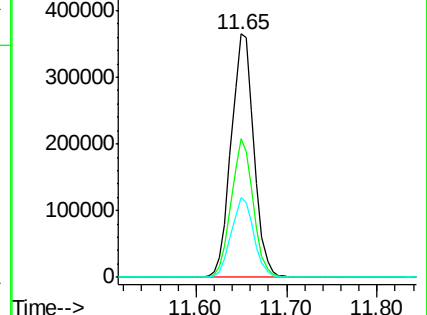
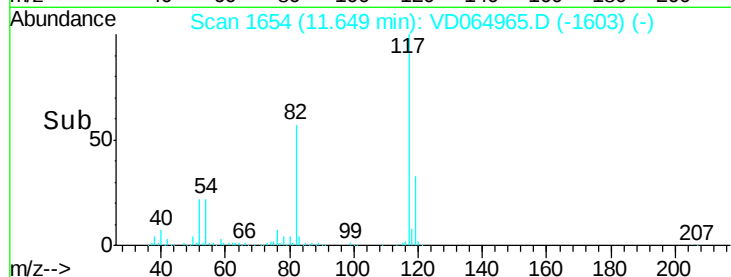
119 32.9 25.2 37.8



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: VD064965.D

Acq: 27 Jan 2020 15:56

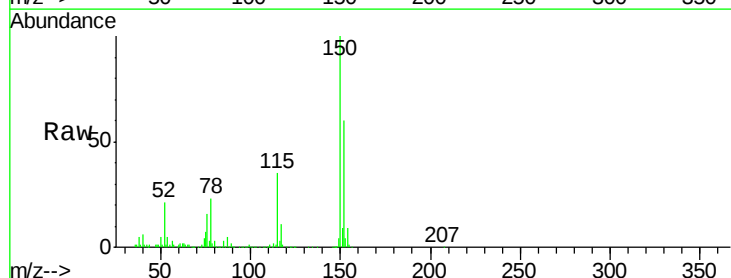
Tgt Ion:152 Resp: 248169

Ion Ratio Lower Upper

152 100

115 58.4 28.1 84.4

150 160.3 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

