

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065551.D
 Acq On : 27 Mar 2020 18:36
 Operator : VA/SY
 Sample : L2034-02RE
 Misc : 6.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-04-008-ABCDRE

Quant Time: Mar 30 08:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

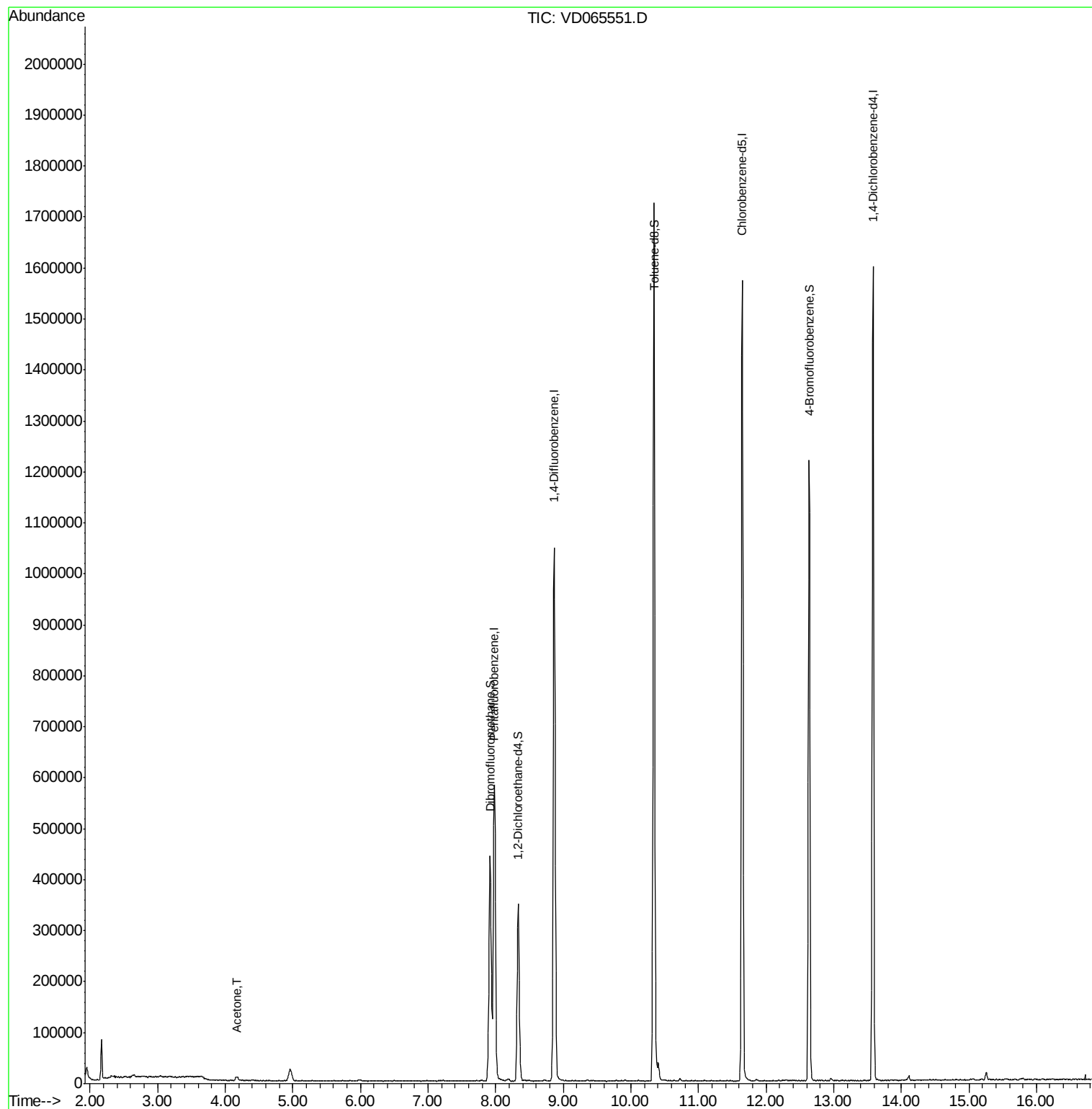
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	469962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	932610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	934673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	444941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	274772	70.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.48%	
35) Dibromofluoromethane	7.92	113	320357	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
50) Toluene-d8	10.34	98	1176832	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
62) 4-Bromofluorobenzene	12.64	95	385335	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
Target Compounds						
16) Acetone	4.17	43	14400	19.508	ug/l	Qvalue 91

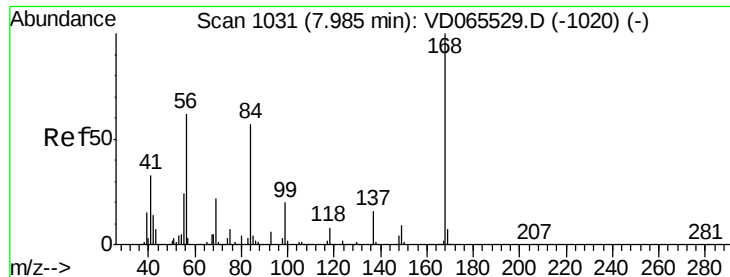
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065551.D

Acq: 27 Mar 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

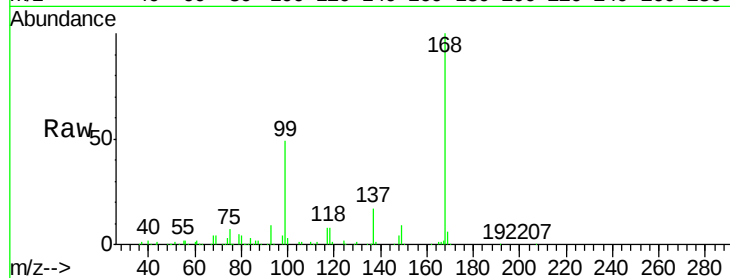
FK-BPM-04-008-ABCDRE

Tot Ion:168 Resp: 469962

Ion Ratio Lower Upper

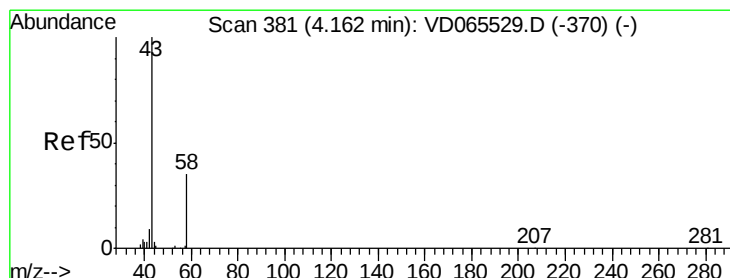
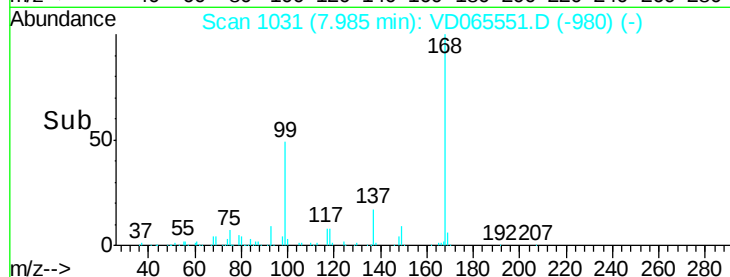
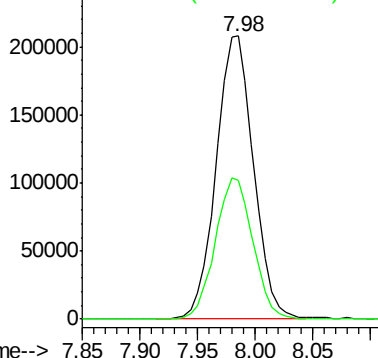
168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 19.508 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065551.D

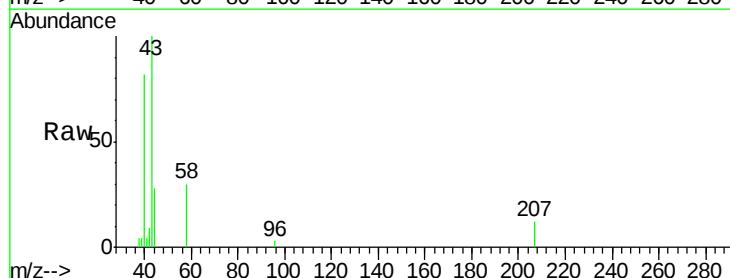
Acq: 27 Mar 2020 18:36

Tgt Ion: 43 Resp: 14400

Ion Ratio Lower Upper

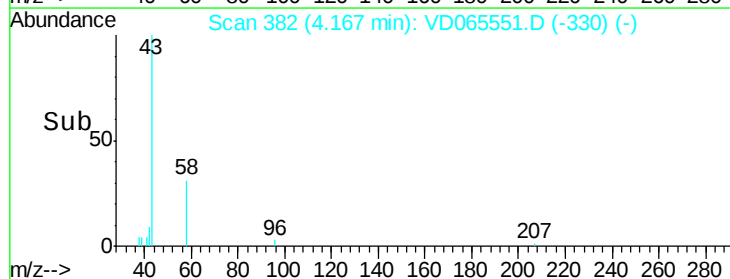
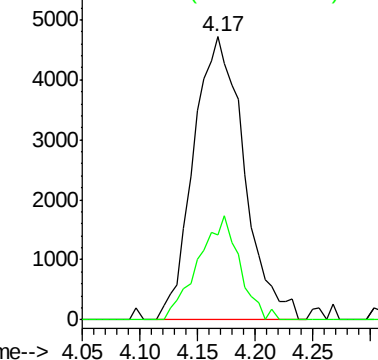
43 100

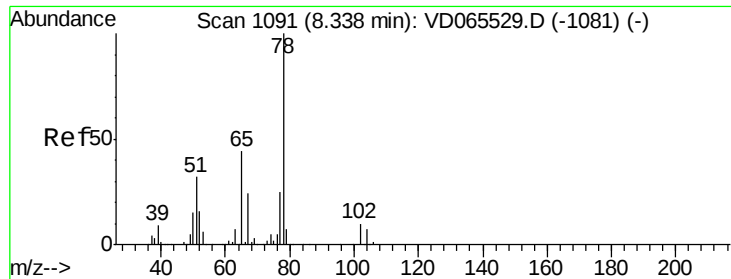
58 29.9 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 70.236 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065551.D

Acq: 27 Mar 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

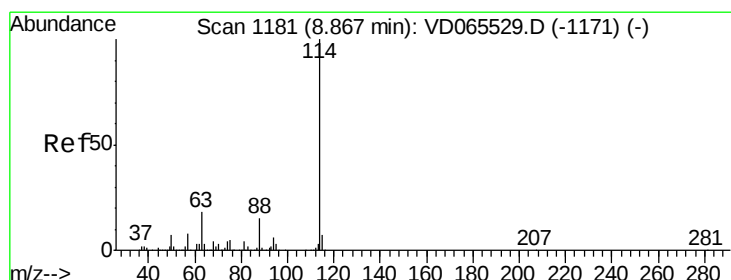
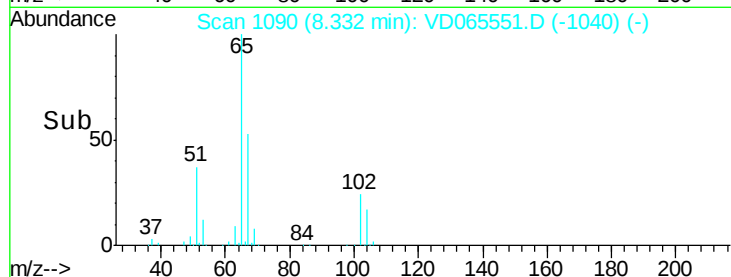
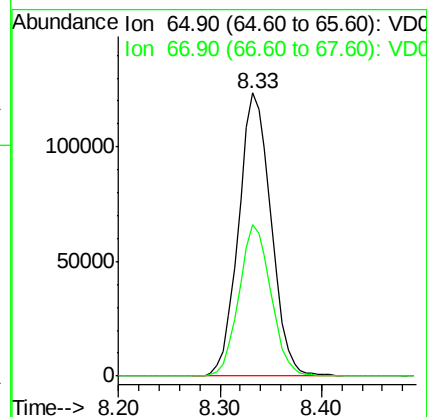
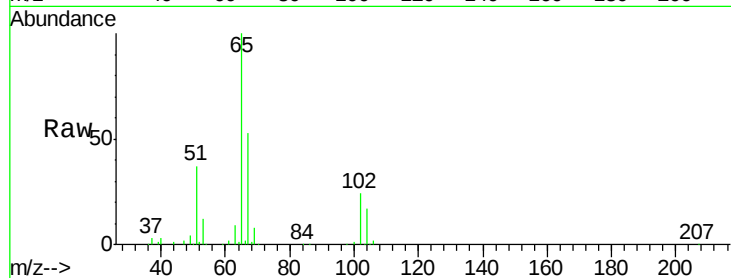
FK-BPM-04-008-ABCDRE

Tot Ion: 65 Resp: 274772

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065551.D

Acq: 27 Mar 2020 18:36

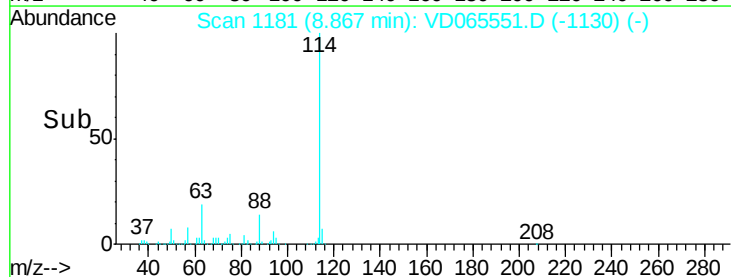
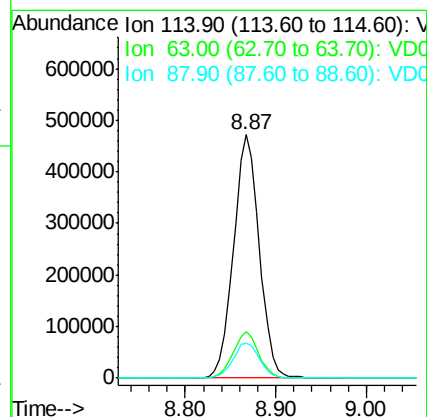
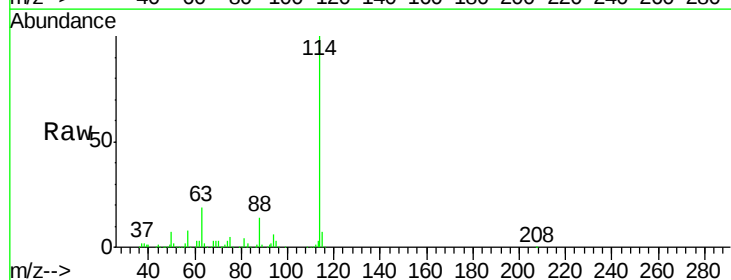
Tgt Ion: 114 Resp: 932610

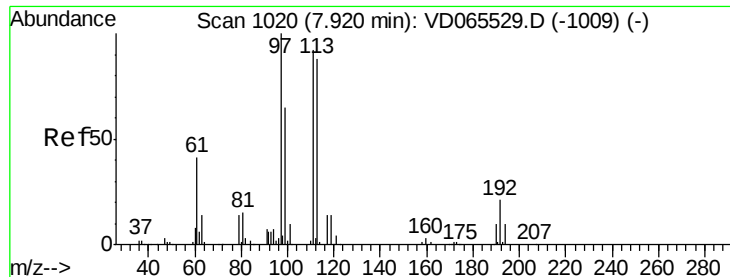
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

88 14.4 0.0 30.4

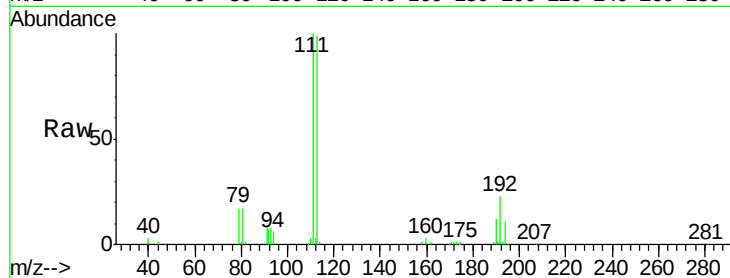




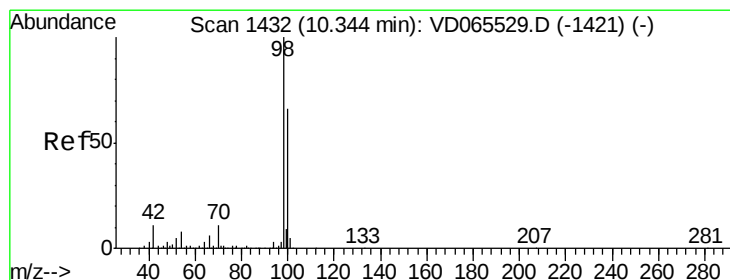
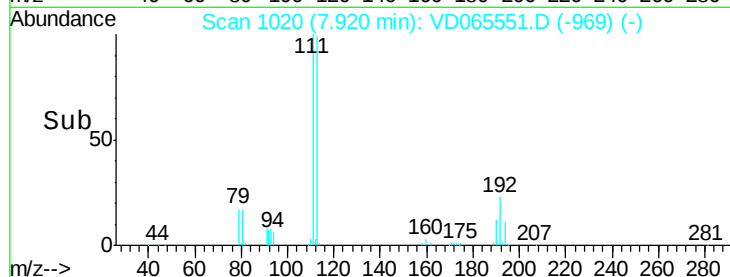
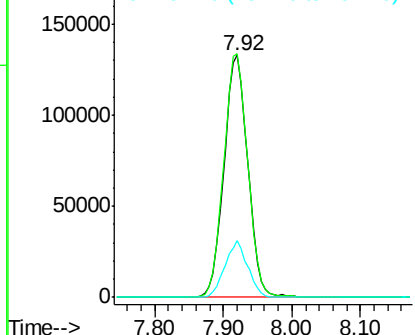
#35
Dibromofluoromethane
Concen: 55.651 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065551.D
Acq: 27 Mar 2020 18:36

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-04-008-ABCDRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.3	124.9
192	22.4	18.5	27.7

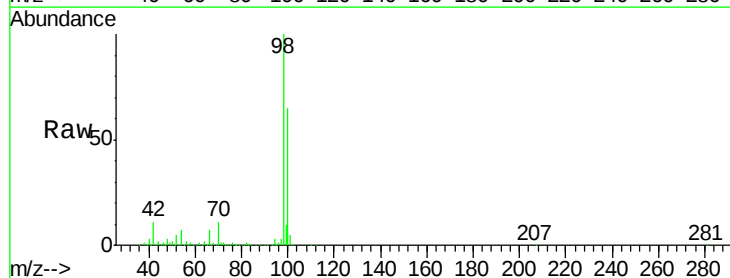


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

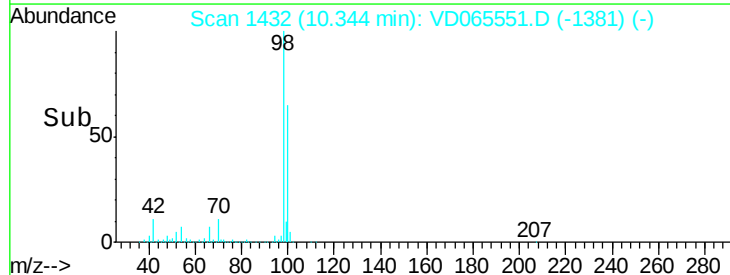
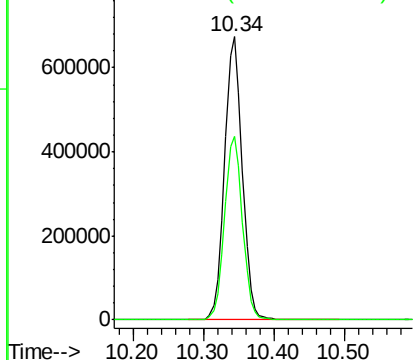


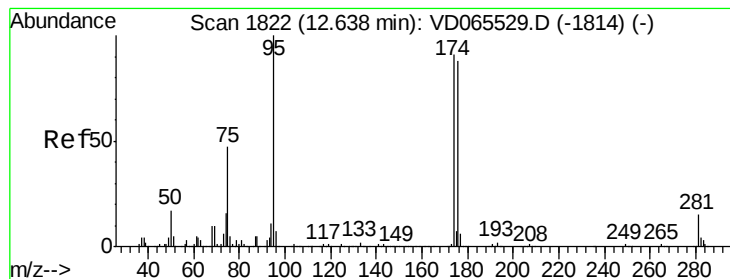
#50
Toluene-d8
Concen: 54.454 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065551.D
Acq: 27 Mar 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



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





#62

4-Bromofluorobenzene

Concen: 56.177 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065551.D

Acq: 27 Mar 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-008-ABCDRE

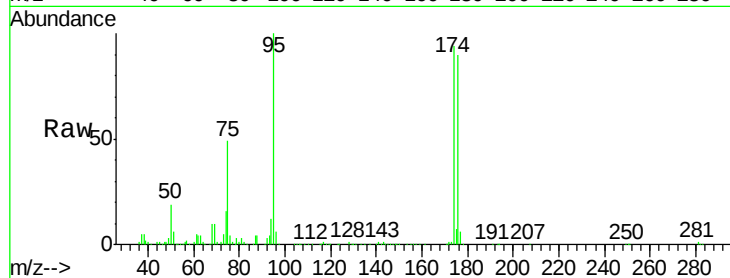
Tot Ion: 95 Resp: 385335

Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.8

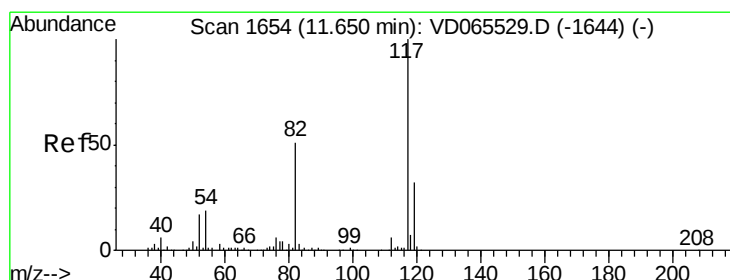
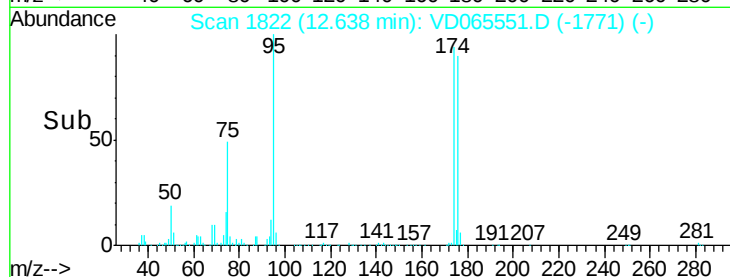
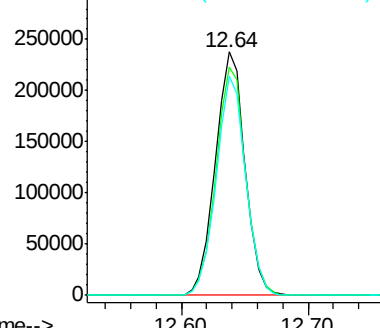
176 89.3 0.0 178.2



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# 1654

Delta R.T. -0.00 min

Lab File: VD065551.D

Acq: 27 Mar 2020 18:36

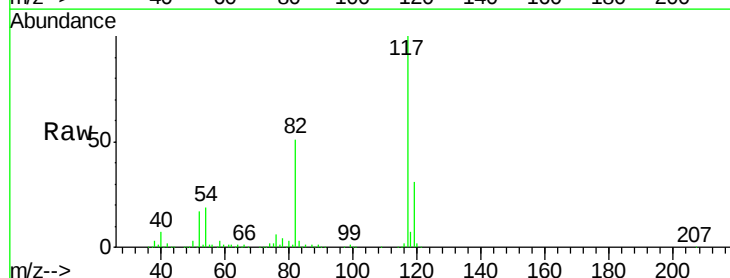
Tgt Ion: 117 Resp: 934673

Ion Ratio Lower Upper

117 100

82 51.5 41.0 61.6

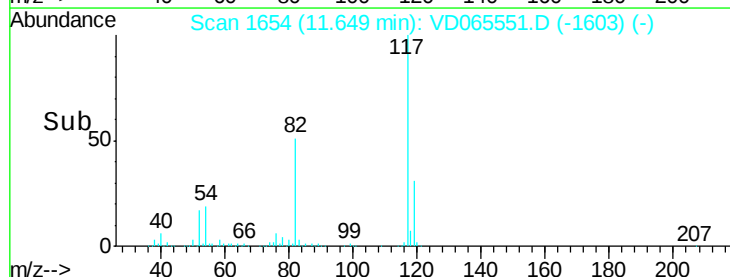
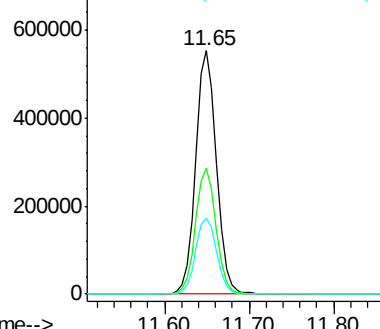
119 31.3 25.5 38.3

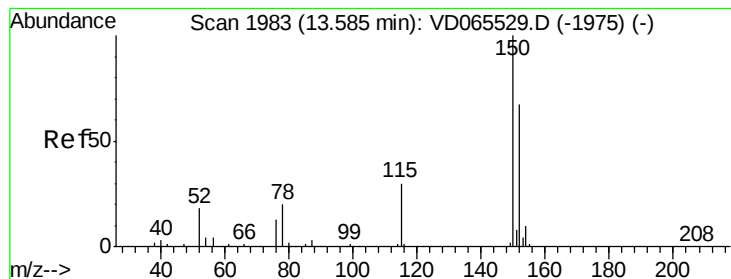


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065551.D

Acq: 27 Mar 2020 18:36

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-04-008-ABCDRE

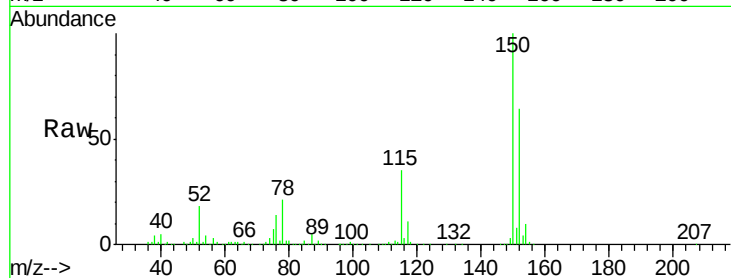
Tot Ion:152 Resp: 444941

Ion Ratio Lower Upper

152 100

115 55.7 27.2 81.6

150 157.9 0.0 340.2



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

