

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065264.D
 Acq On : 20 Feb 2020 19:21
 Operator : VA/SY
 Sample : L1626-04
 Misc : 3.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-051-B

Quant Time: Feb 21 05:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

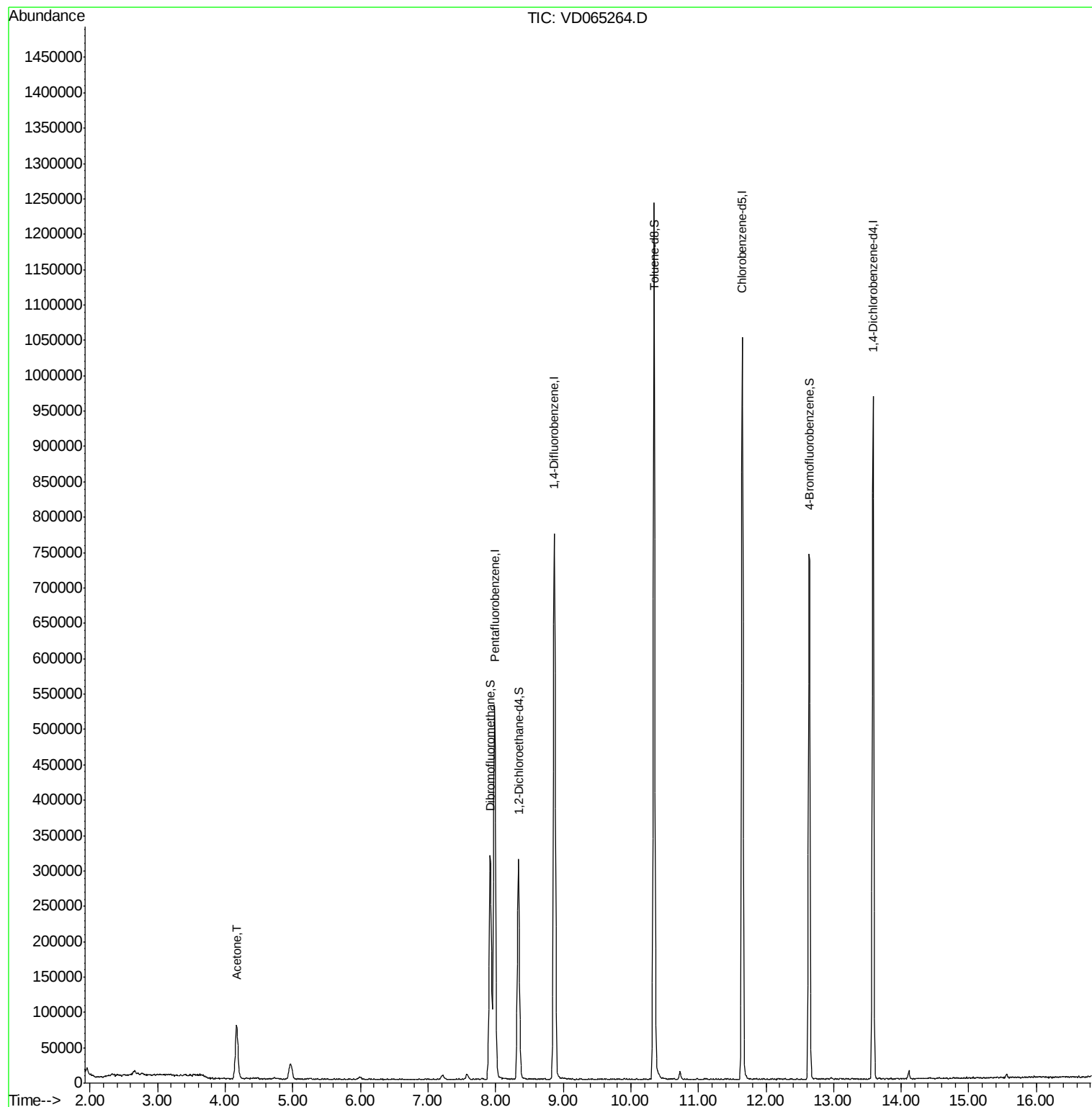
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	679863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	609595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	245242	66.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.80%	
35) Dibromofluoromethane	7.92	113	229533	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
50) Toluene-d8	10.34	98	821769	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.64	95	243598	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
Target Compounds						
16) Acetone	4.17	43	138445	154.500	ug/l	Qvalue 96

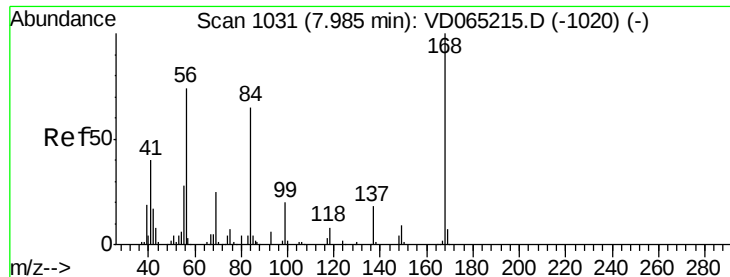
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065264.D

Acq: 20 Feb 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

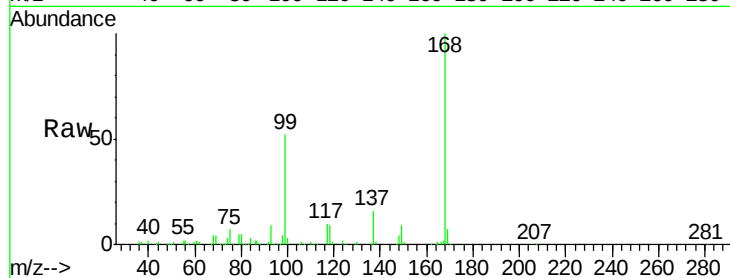
FK-GF-02-051-B

Tot Ion:168 Resp: 407482

Ion Ratio Lower Upper

168 100

99 52.2 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

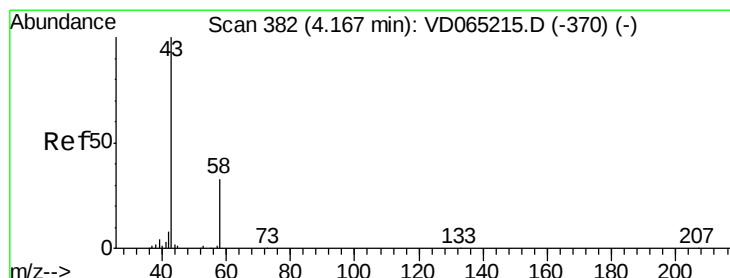
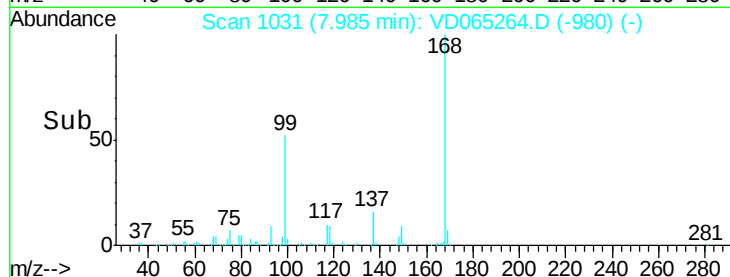
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 154.500 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065264.D

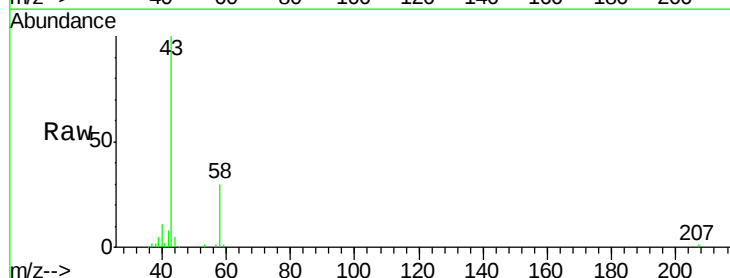
Acq: 20 Feb 2020 19:21

Tgt Ion: 43 Resp: 138445

Ion Ratio Lower Upper

43 100

58 30.4 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

50000

40000

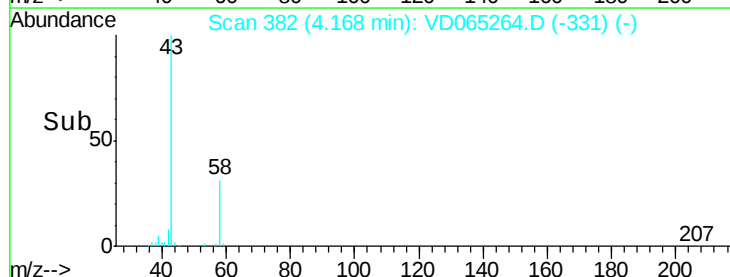
30000

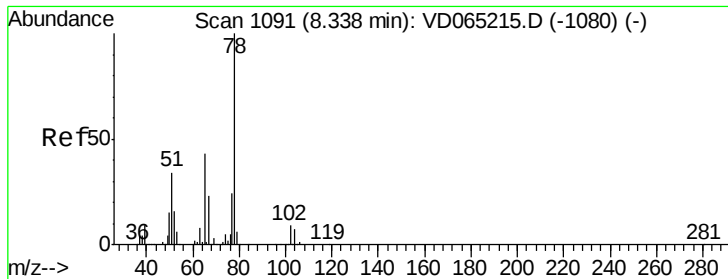
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 66.901 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065264.D

Acq: 20 Feb 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

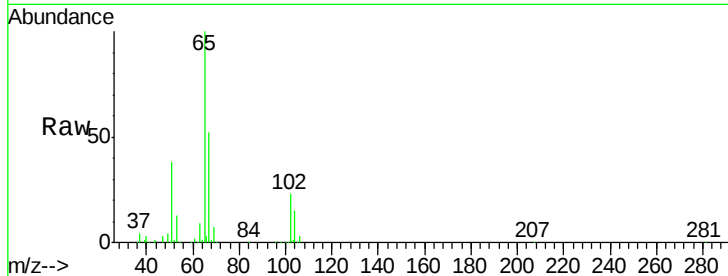
FK-GF-02-051-B

Tot Ion: 65 Resp: 245242

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

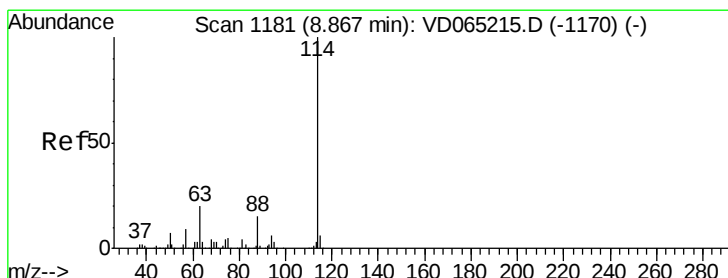
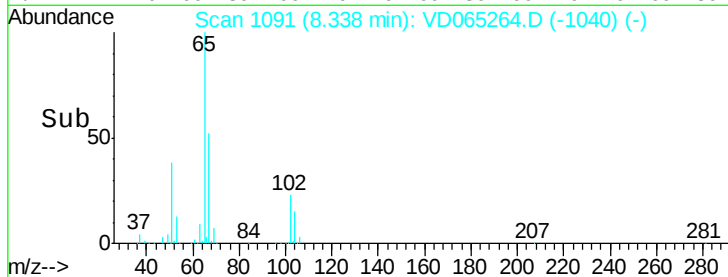
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065264.D

Acq: 20 Feb 2020 19:21

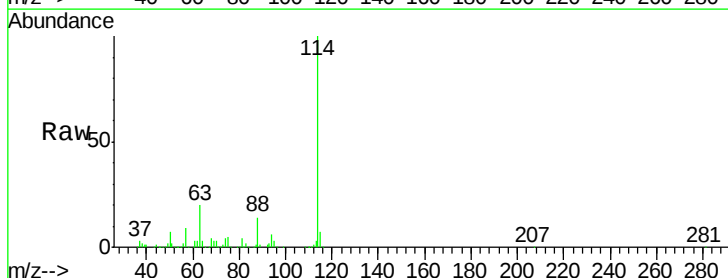
Tgt Ion: 114 Resp: 679863

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 14.5 0.0 30.4



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

400000

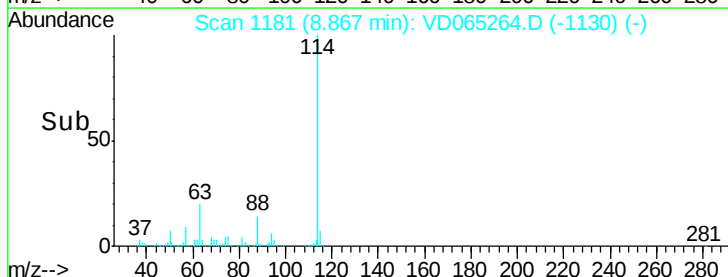
300000

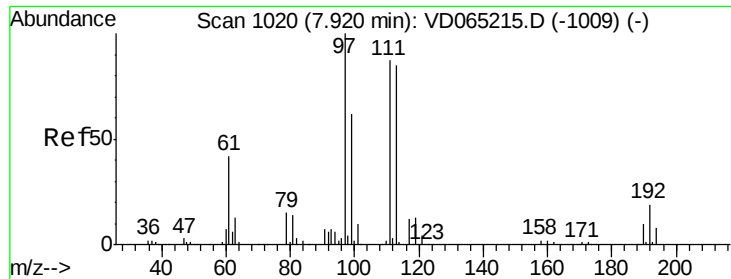
200000

100000

0

Time--> 8.80 8.90 9.00

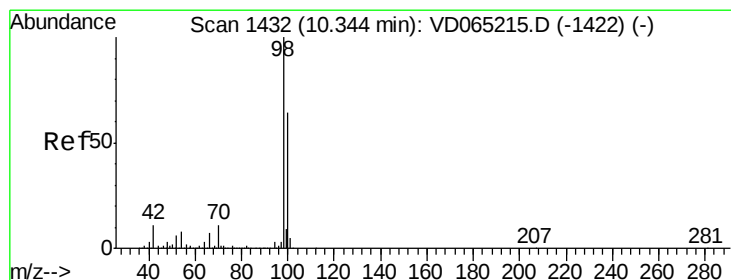
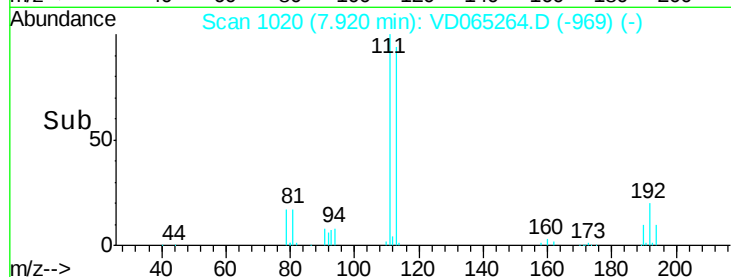
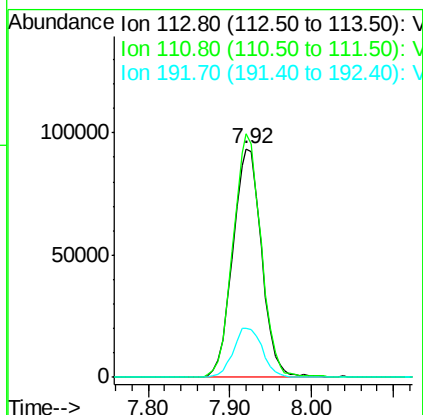
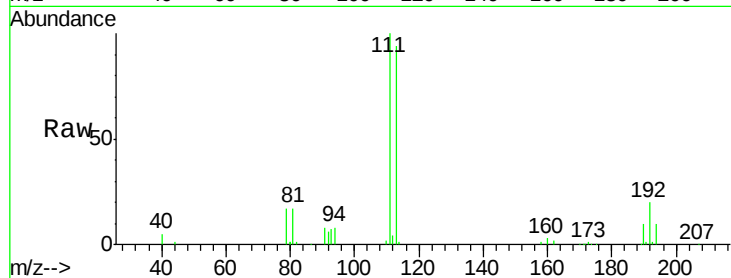




#35
Dibromofluoromethane
Concen: 55.370 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065264.D
Acq: 20 Feb 2020 19:21

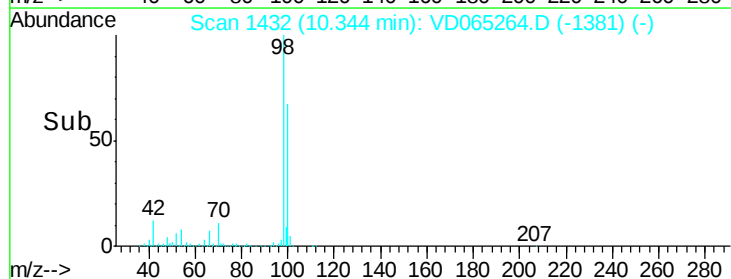
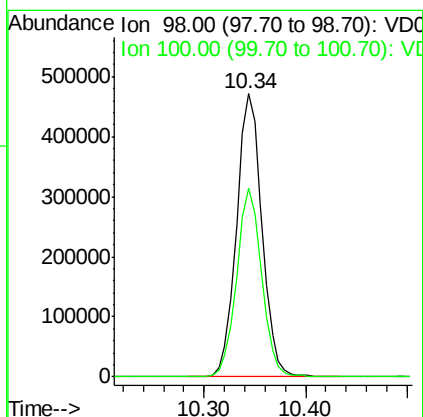
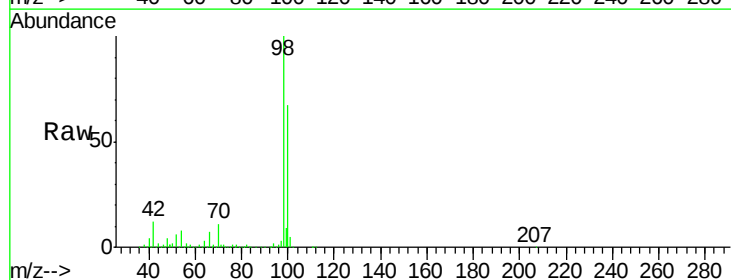
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-051-B

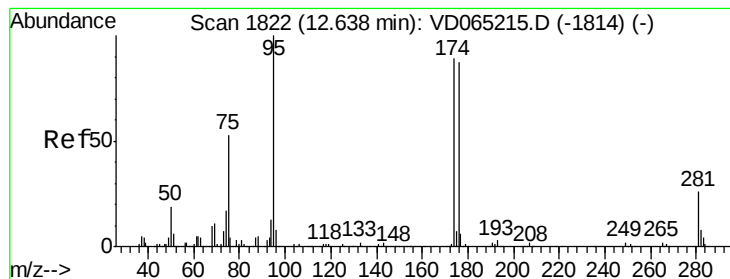
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	21.9	17.3	25.9



#50
Toluene-d8
Concen: 51.855 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065264.D
Acq: 20 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 48.522 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065264.D

Acq: 20 Feb 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-051-B

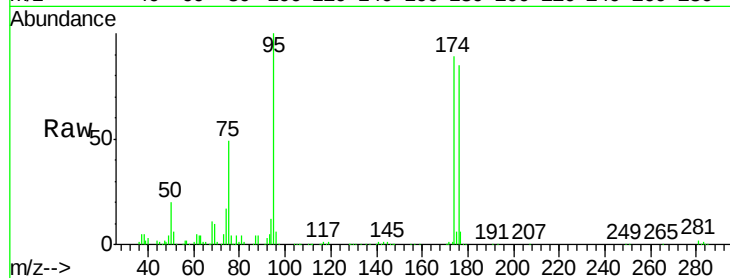
Tot Ion: 95 Resp: 243598

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.0

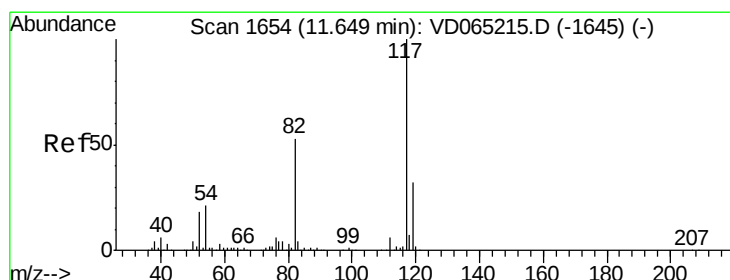
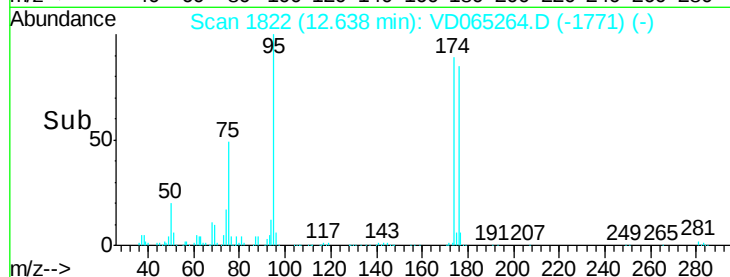
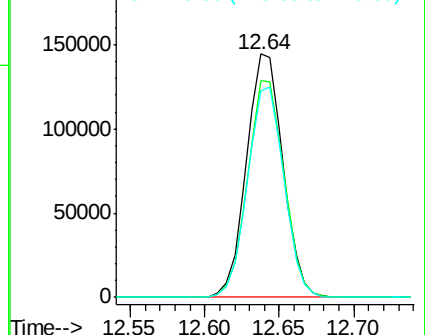
176 86.2 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VD065264.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065264.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065264.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065264.D

Acq: 20 Feb 2020 19:21

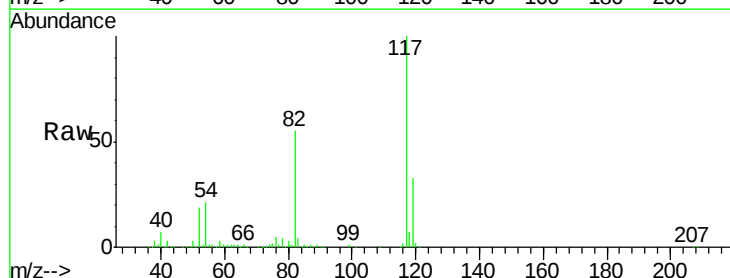
Tgt Ion: 117 Resp: 609595

Ion Ratio Lower Upper

117 100

82 55.4 42.7 64.1

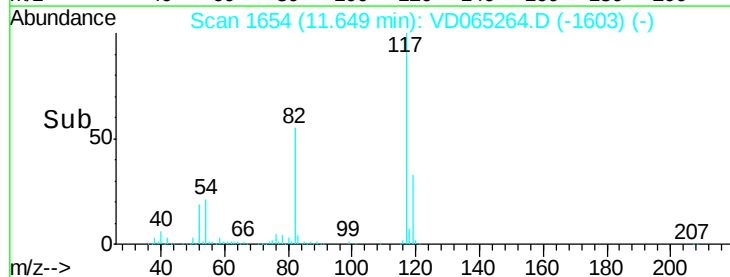
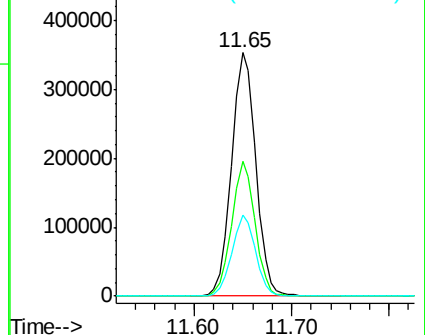
119 33.4 25.5 38.3

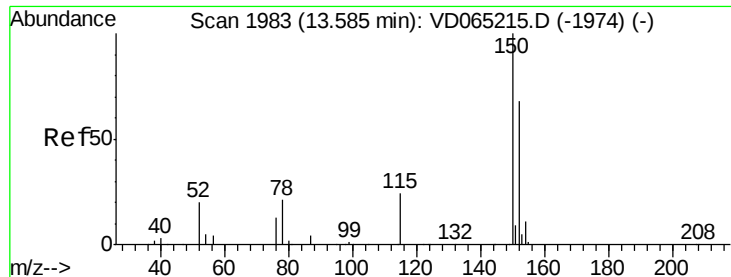


Abundance Ion 116.90 (116.60 to 117.60): VD065264.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065264.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065264.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065264.D

Acq: 20 Feb 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-051-B

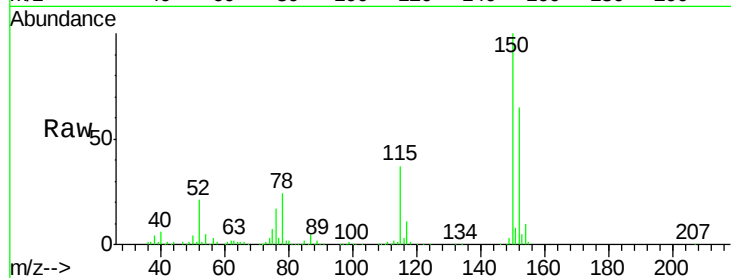
Tot Ion:152 Resp: 266051

Ion Ratio Lower Upper

152 100

115 55.0 27.6 82.8

150 156.9 0.0 347.4



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

