

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065179.D
 Acq On : 13 Feb 2020 16:17
 Operator : VA/SY
 Sample : L1529-04
 Misc : 4.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-049-B

Quant Time: Feb 14 07:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

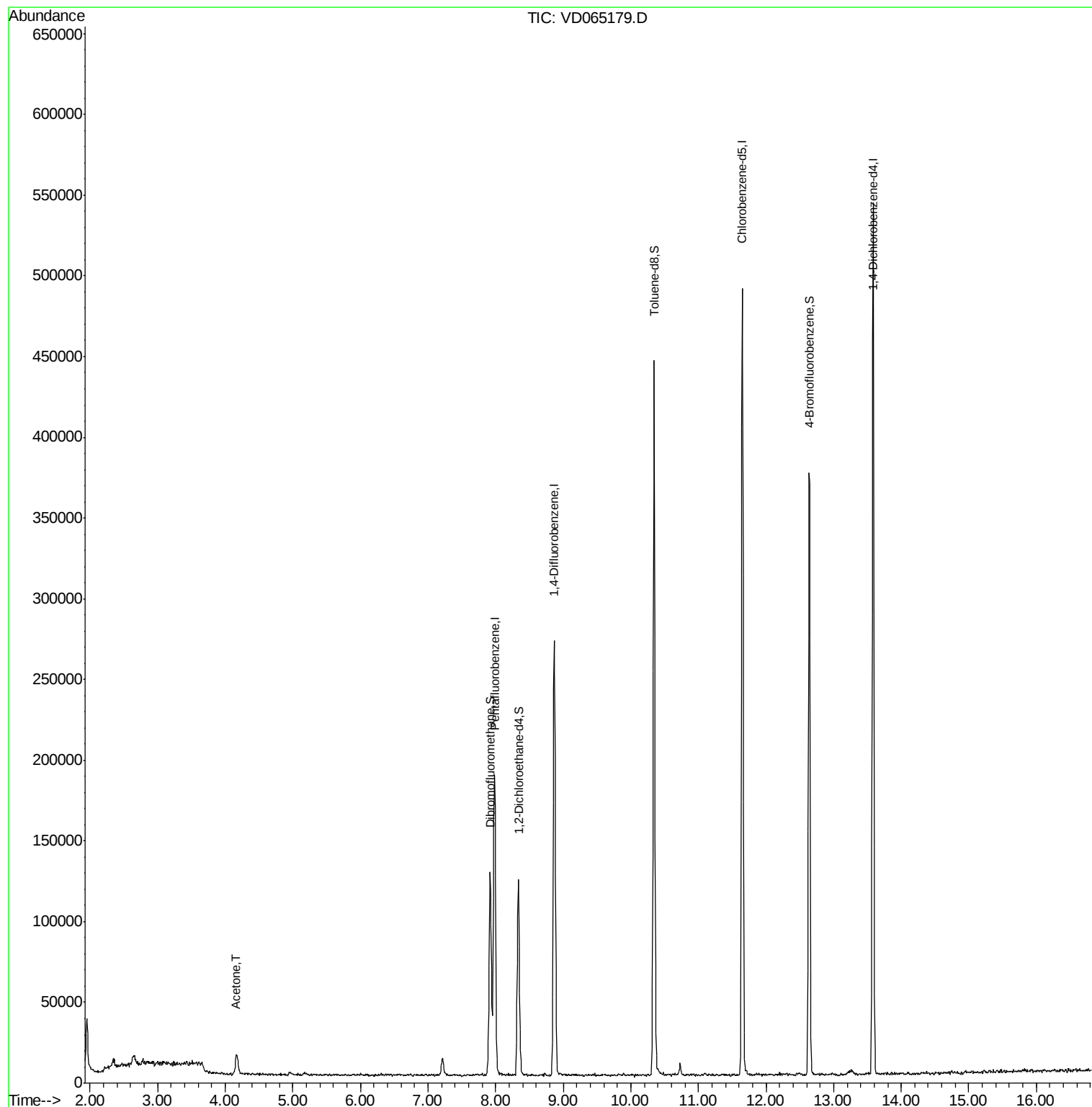
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	145277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	234281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	278608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	98492	79.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	159.54%	
35) Dibromofluoromethane	7.92	113	86940	66.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.02%	
50) Toluene-d8	10.34	98	292209	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.64	95	118993	72.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.36%	
Target Compounds						
16) Acetone	4.16	43	23472	76.034	ug/l	Qvalue 92

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

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
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: VD065179.D

Acq: 13 Feb 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

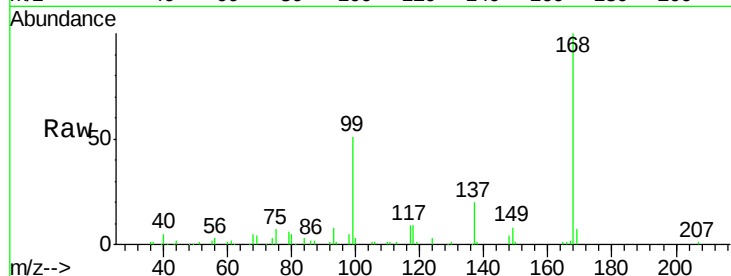
FK-GF-02-049-B

Tot Ion:168 Resp: 145277

Ion Ratio Lower Upper

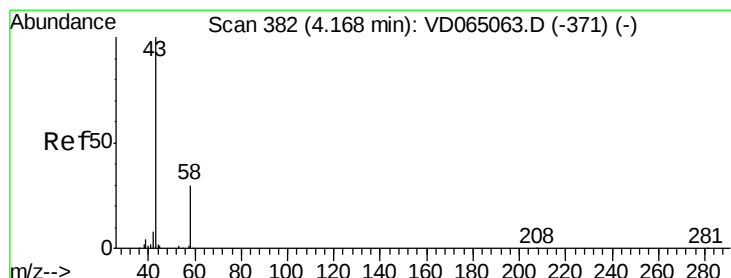
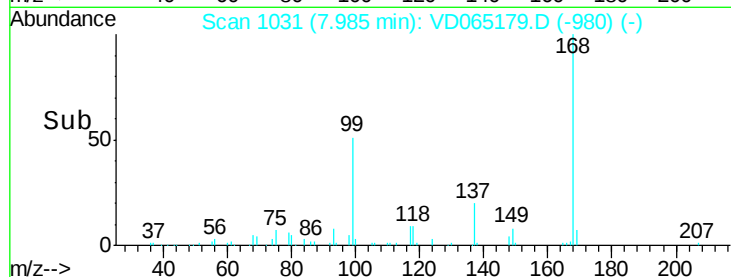
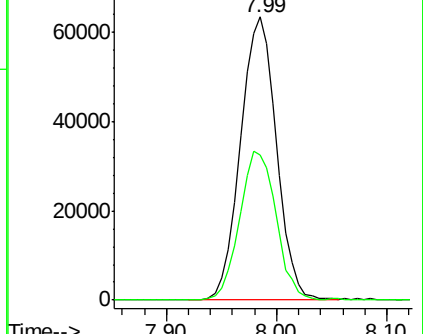
168 100

99 51.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 76.034 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065179.D

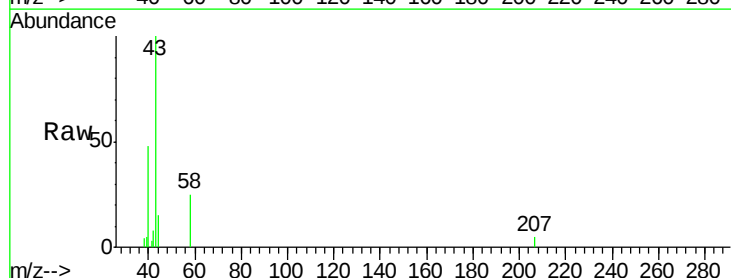
Acq: 13 Feb 2020 16:17

Tgt Ion: 43 Resp: 23472

Ion Ratio Lower Upper

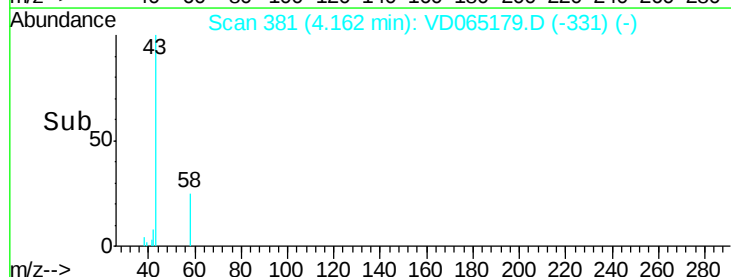
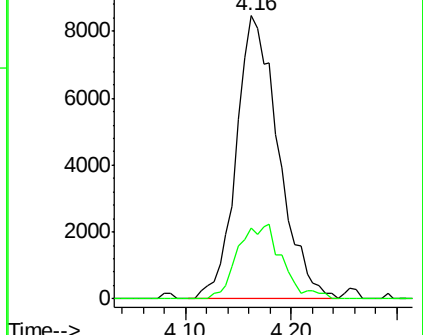
43 100

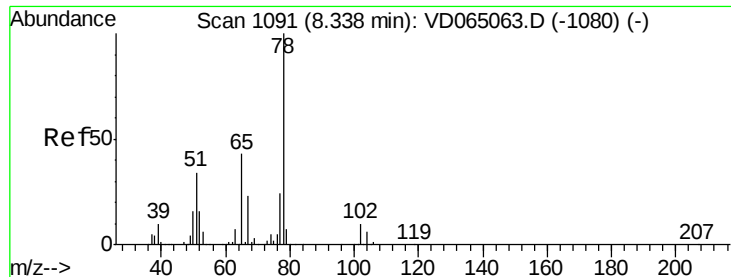
58 25.0 23.5 35.3



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: 79.768 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065179.D

Acq: 13 Feb 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

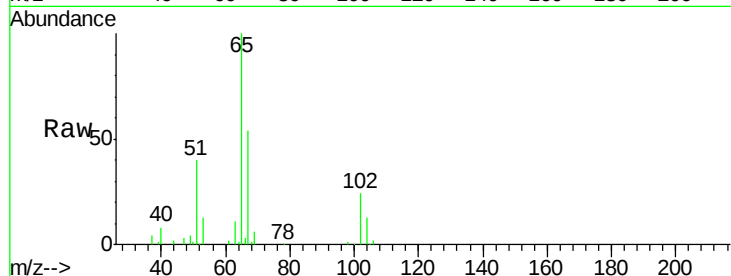
FK-GF-02-049-B

Tot Ion: 65 Resp: 98492

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

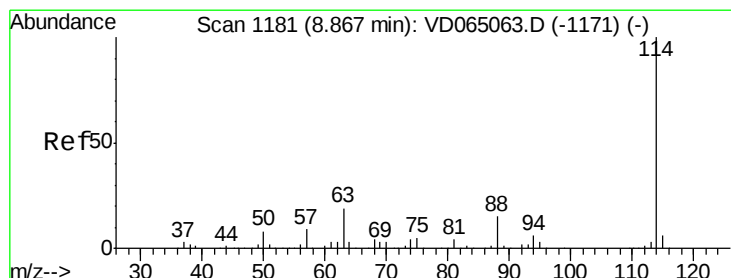
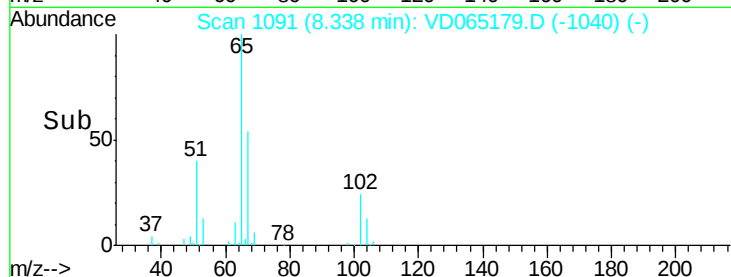
20000

10000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065179.D

Acq: 13 Feb 2020 16:17

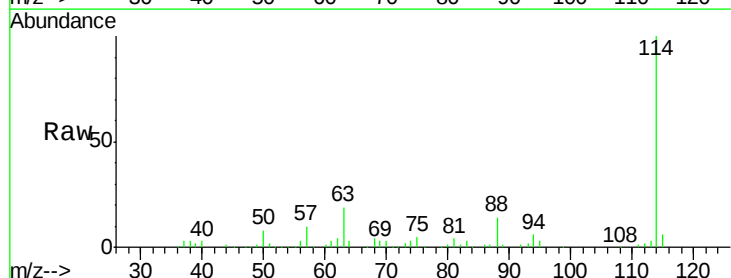
Tgt Ion: 114 Resp: 234281

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 14.2 0.0 29.6



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

150000

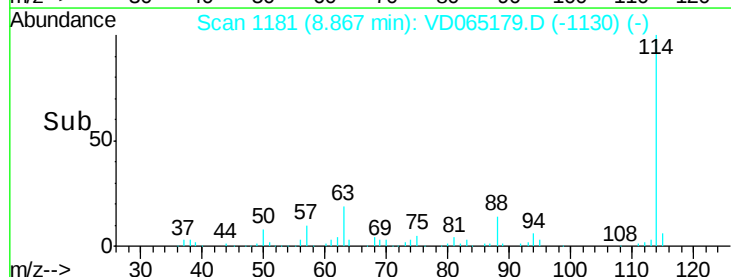
100000

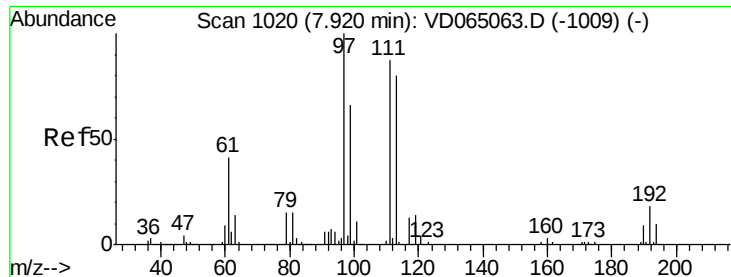
50000

0

8.80 8.90 9.00

Time-->

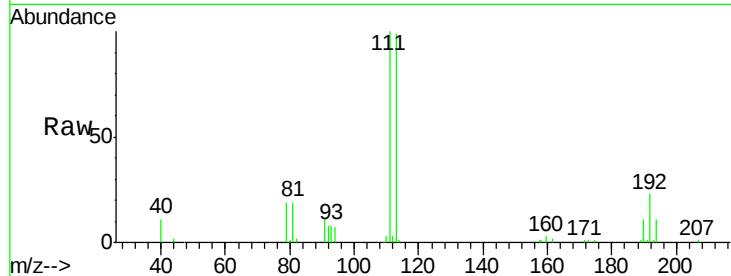




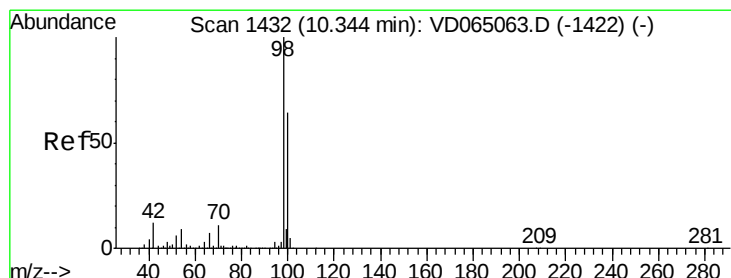
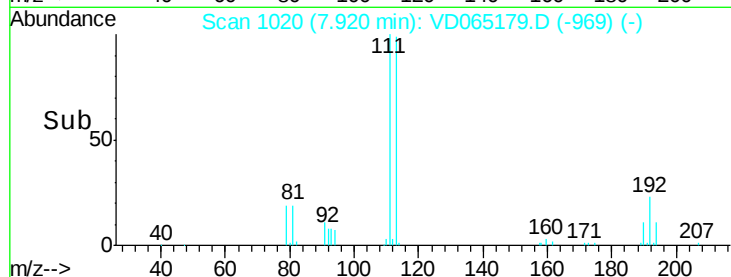
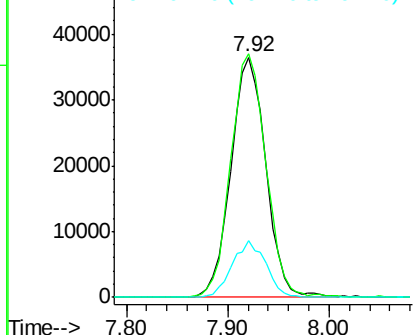
#35
 Dibromofluoromethane
 Concen: 66.511 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065179.D
 Acq: 13 Feb 2020 16:17

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-049-B

Tot Ion:113 Resp: 86940
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.1 124.7
 192 22.8 18.1 27.1

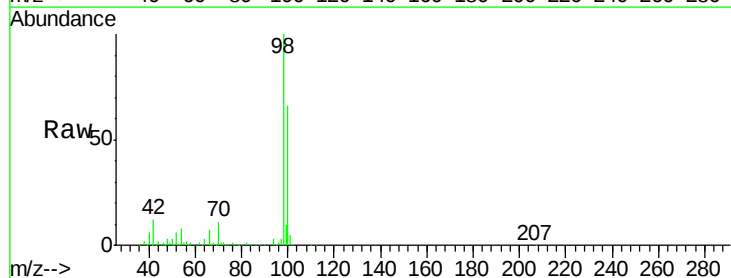


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

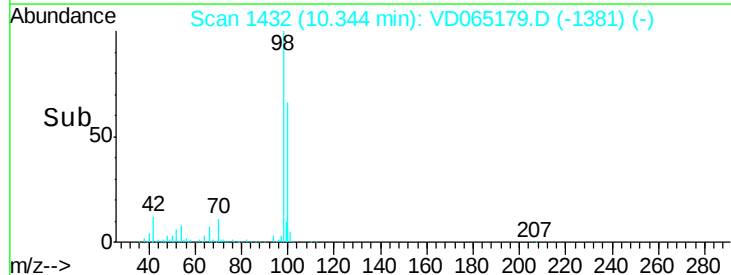
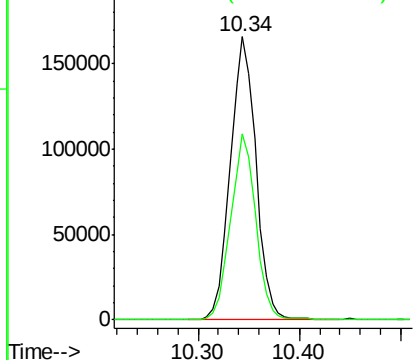


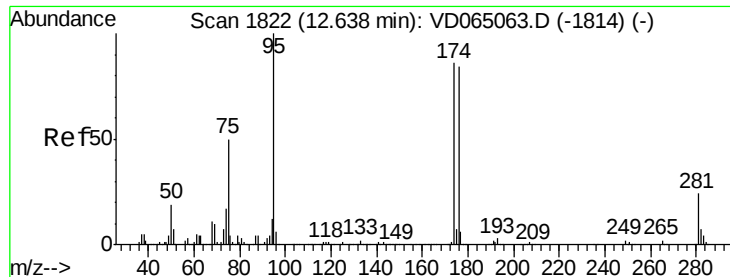
#50
 Toluene-d8
 Concen: 56.164 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065179.D
 Acq: 13 Feb 2020 16:17

Tgt Ion: 98 Resp: 292209
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.1 78.1



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





#62

4-Bromofluorobenzene

Concen: 72.179 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065179.D

Acq: 13 Feb 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-049-B

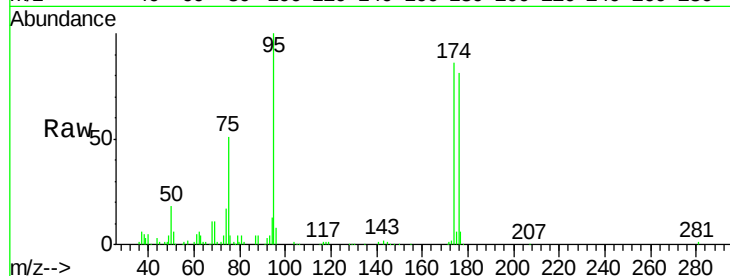
Tot Ion: 95 Resp: 118993

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.0

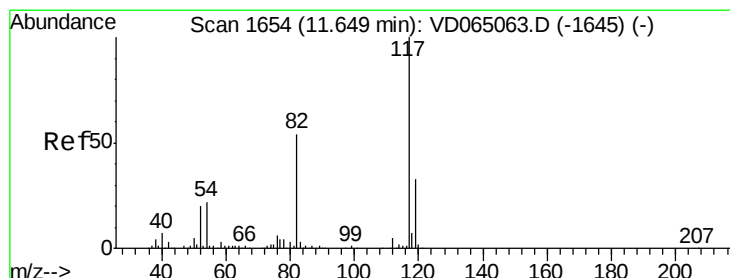
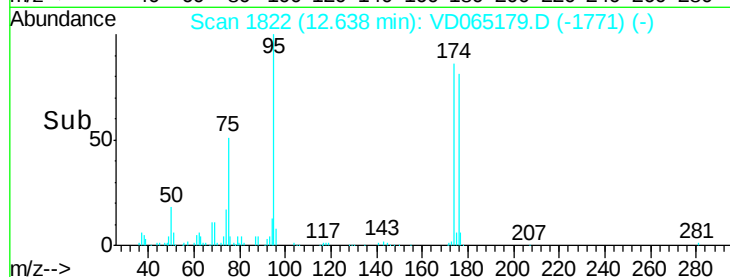
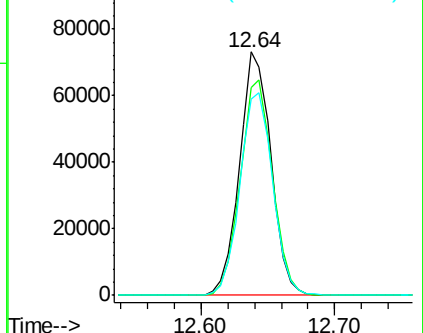
176 86.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065179.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065179.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065179.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065179.D

Acq: 13 Feb 2020 16:17

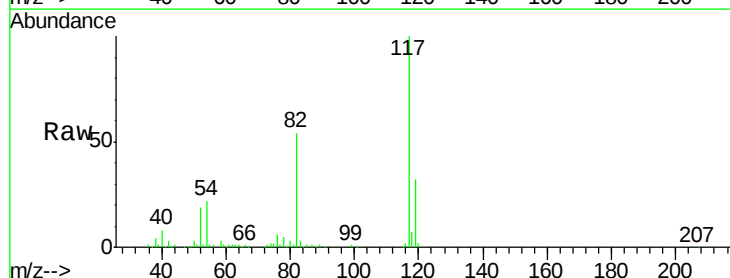
Tgt Ion: 117 Resp: 278608

Ion Ratio Lower Upper

117 100

82 54.1 43.1 64.7

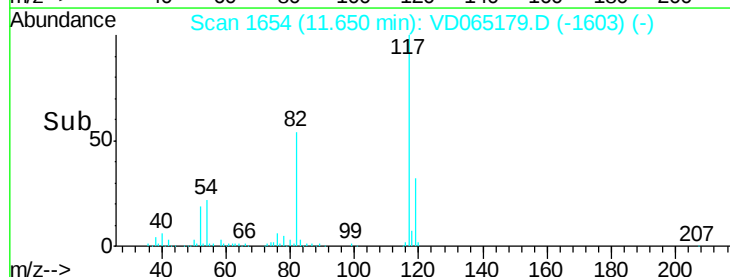
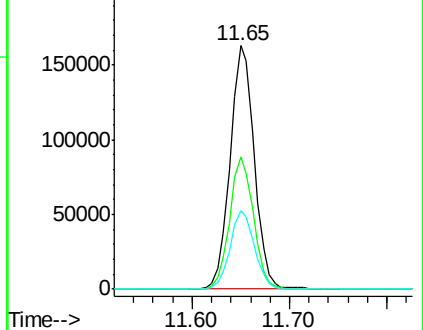
119 32.3 26.0 39.0

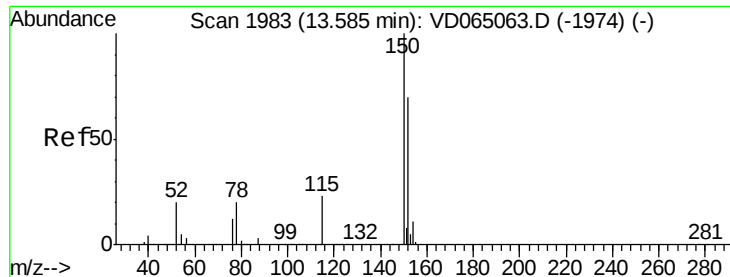


Abundance Ion 116.90 (116.60 to 117.60): VD065179.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065179.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065179.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: VD065179.D

Acq: 13 Feb 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-049-B

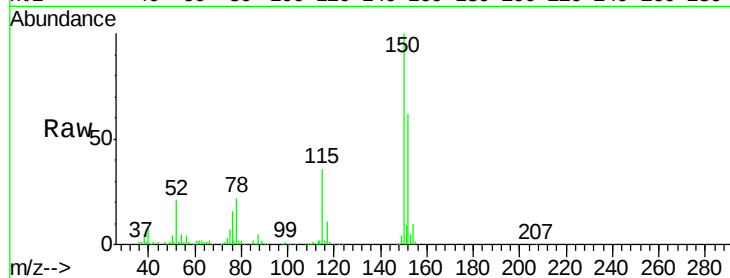
Tot Ion:152 Resp: 145096

Ion Ratio Lower Upper

152 100

115 55.8 27.5 82.4

150 156.9 0.0 343.2



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

