

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065178.D
 Acq On : 13 Feb 2020 15:48
 Operator : VA/SY
 Sample : L1529-02
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 14 07:38:49 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	7.98	168	489725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	795231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	836002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	222124	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.91	113	243391	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
50) Toluene-d8	10.34	98	981676	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	363693	64.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.98%	

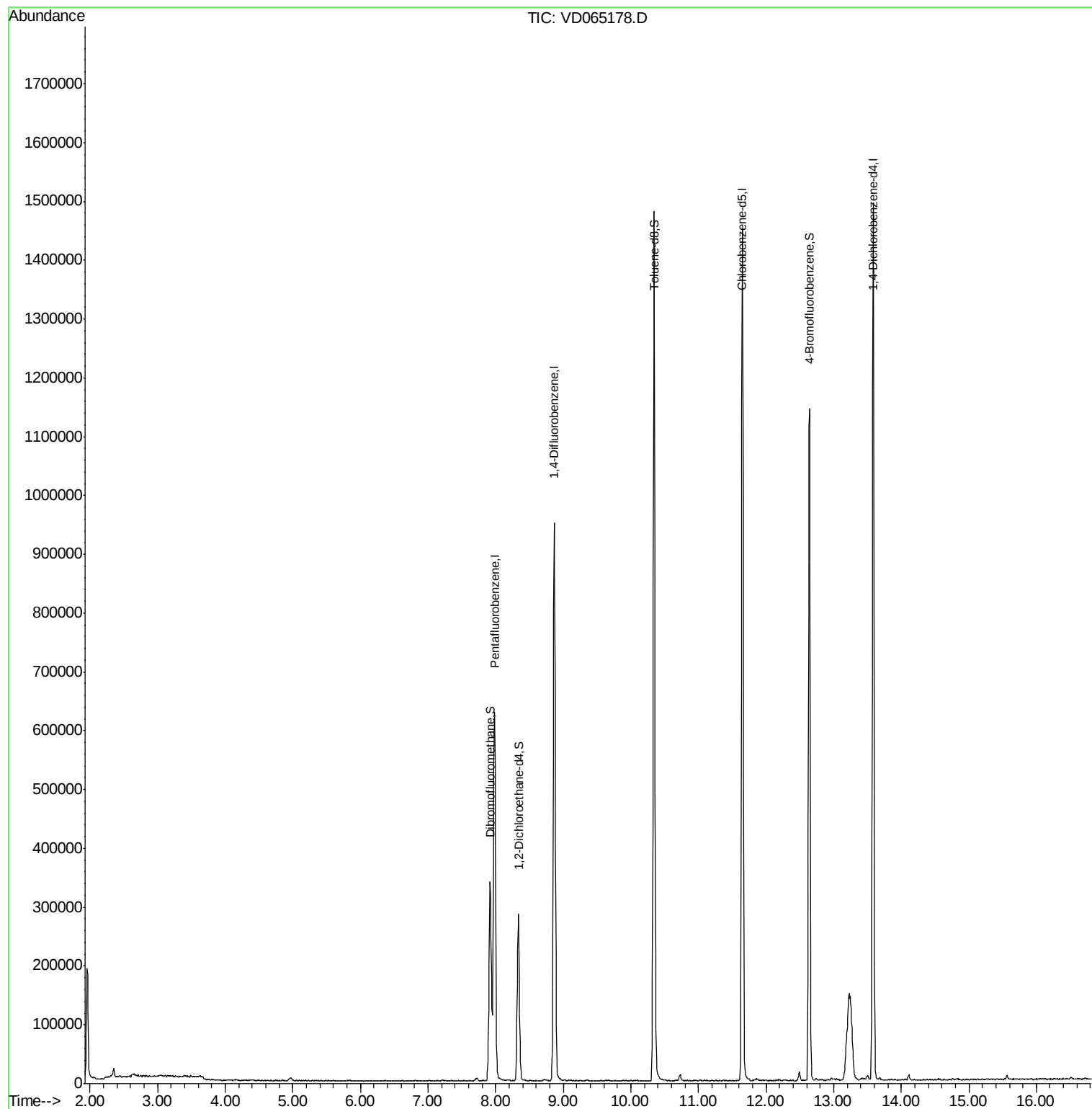
Target Compounds	Qvalue

(#) = 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: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

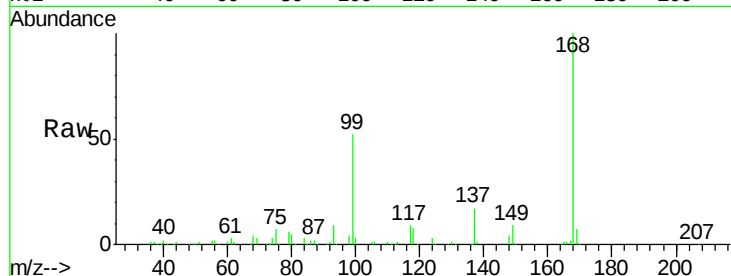
FK-GF-02-049-A

Tot Ion:168 Resp: 489725

Ion Ratio Lower Upper

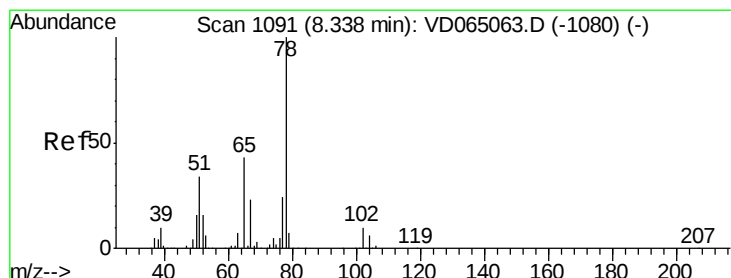
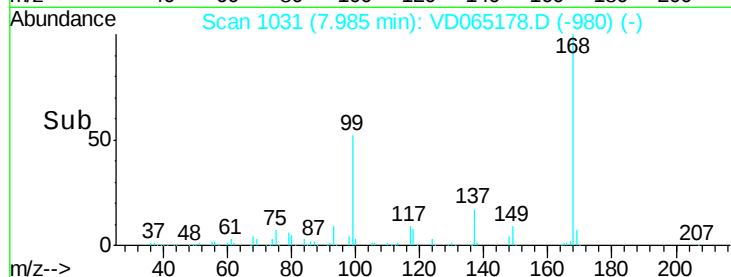
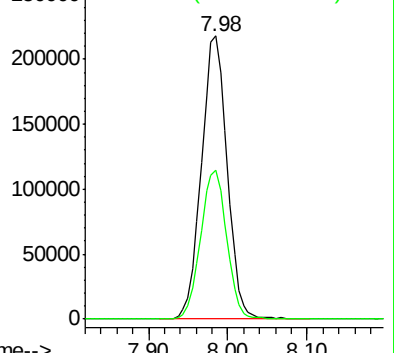
168 100

99 52.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.366 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065178.D

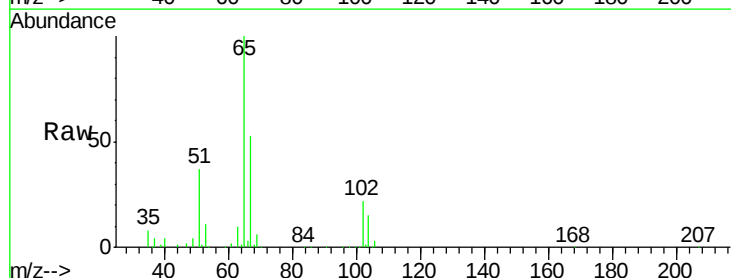
Acq: 13 Feb 2020 15:48

Tgt Ion: 65 Resp: 222124

Ion Ratio Lower Upper

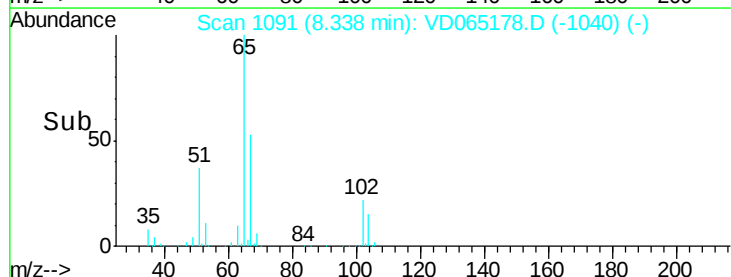
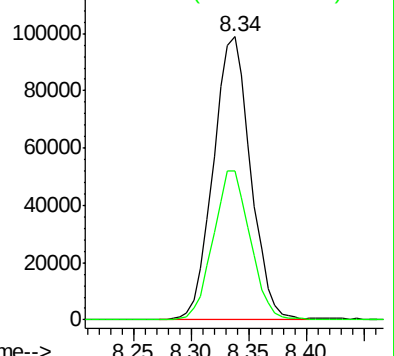
65 100

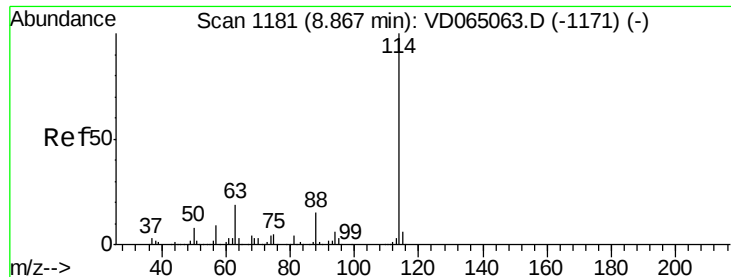
67 52.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

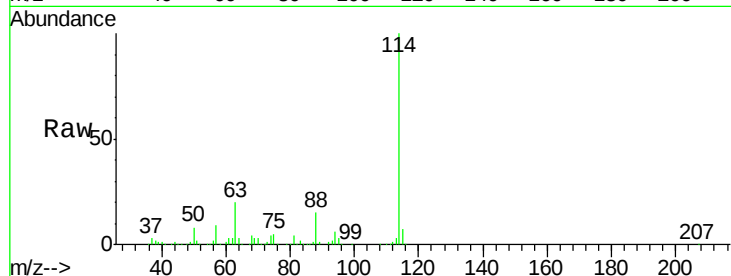




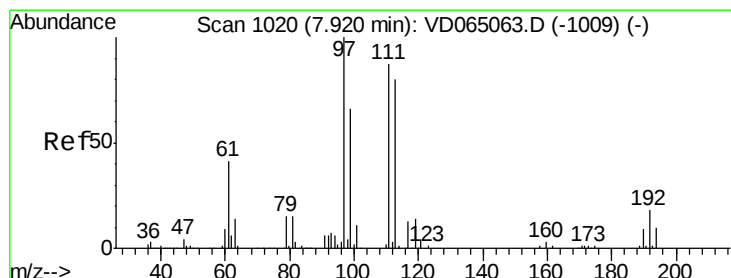
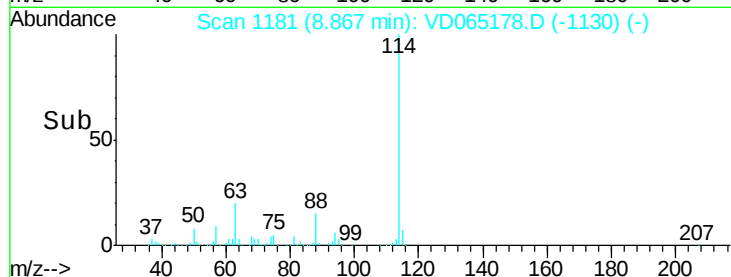
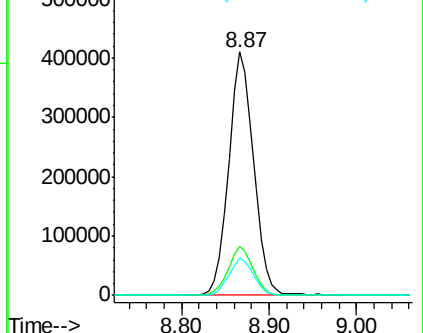
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065178.D
 Acq: 13 Feb 2020 15:48

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.8
88	15.5	0.0	29.6

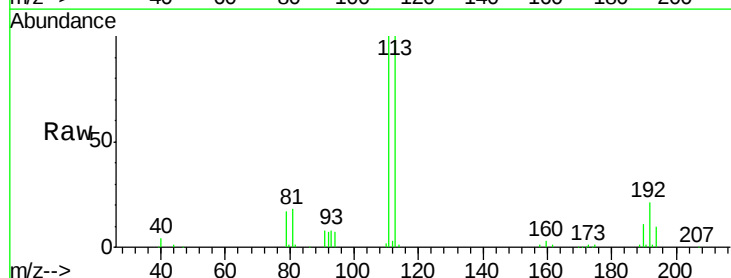


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

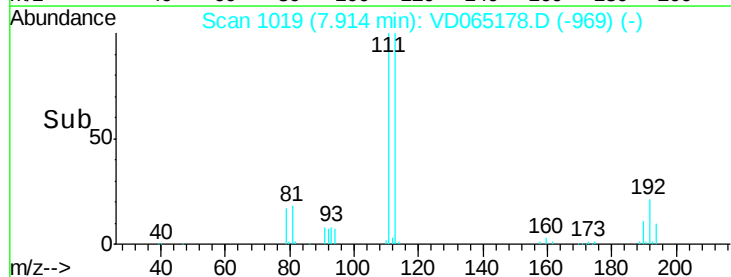
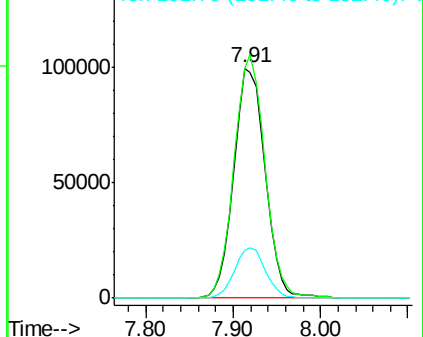


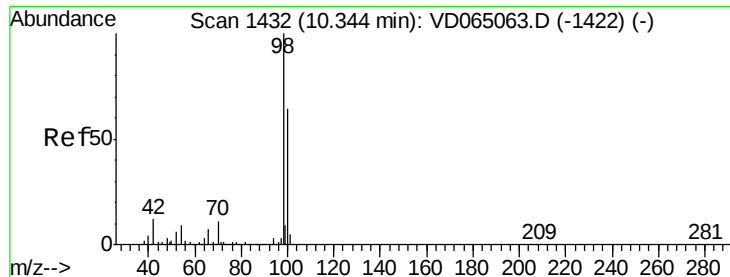
#35
 Dibromofluoromethane
 Concen: 54.856 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065178.D
 Acq: 13 Feb 2020 15:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.1	124.7
192	21.4	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: 55.587 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

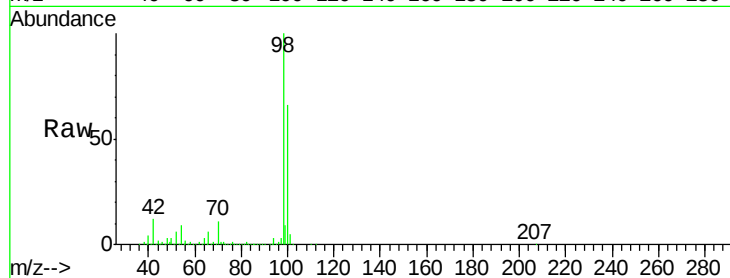
FK-GF-02-049-A

Tot Ion: 98 Resp: 981676

Ion Ratio Lower Upper

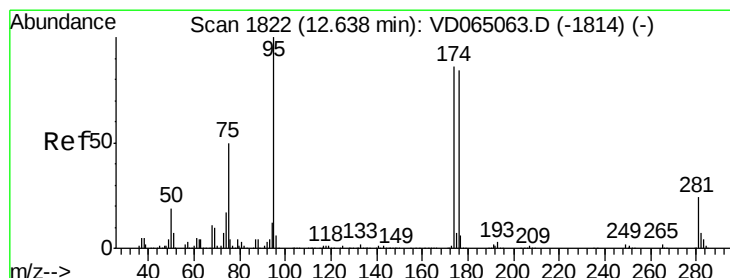
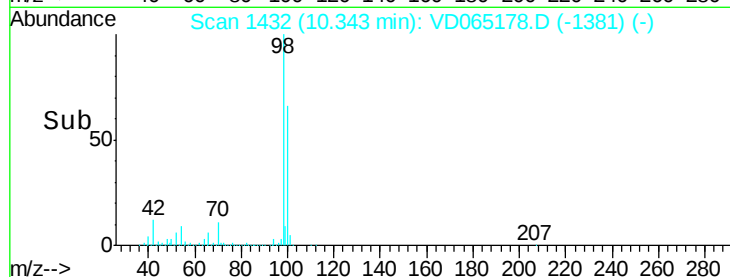
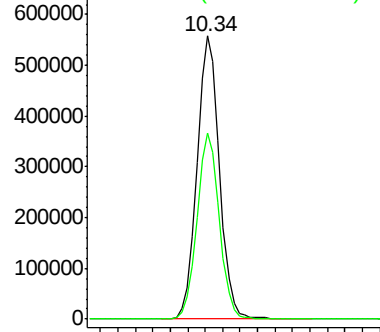
98 100

100 65.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 64.993 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

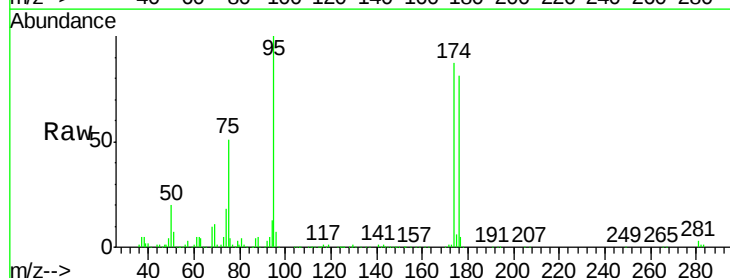
Tgt Ion: 95 Resp: 363693

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

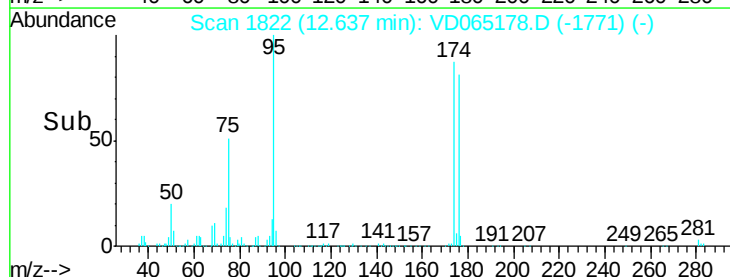
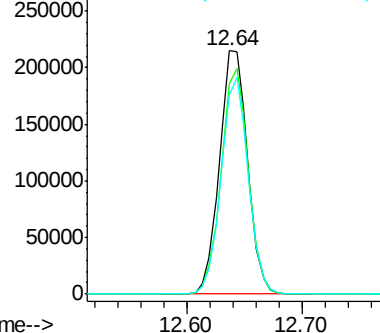
176 86.0 0.0 173.2

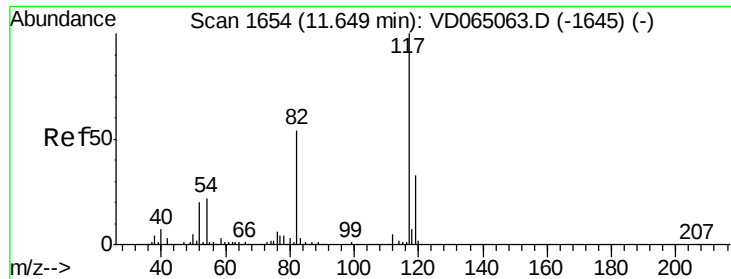


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

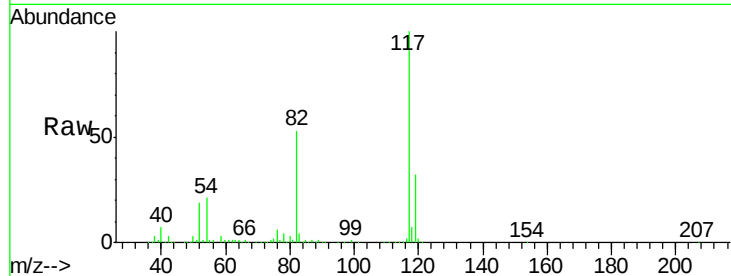




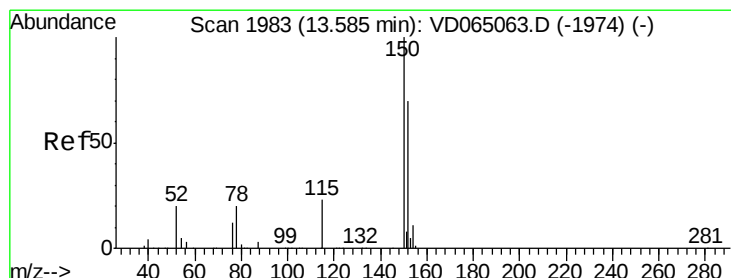
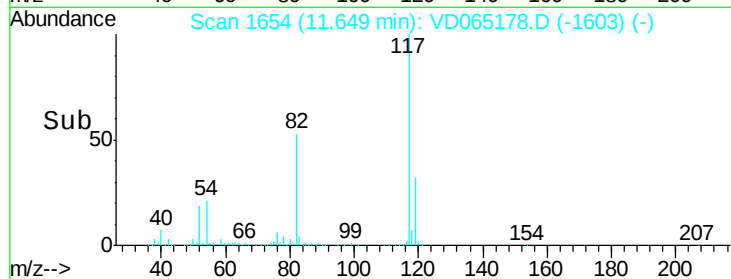
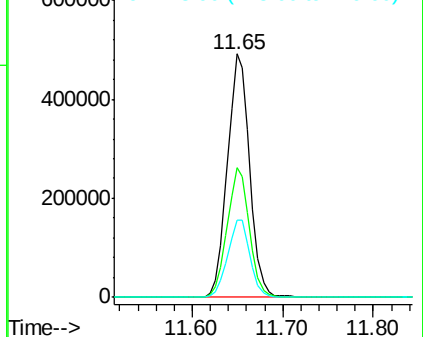
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065178.D
Acq: 13 Feb 2020 15:48

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

Tot Ion:117 Resp: 836002
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 31.5 26.0 39.0

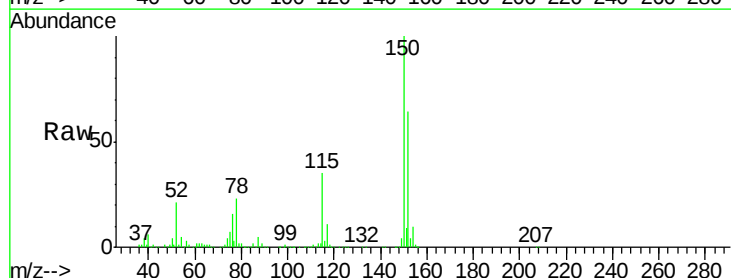


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065178.D
Acq: 13 Feb 2020 15:48

Tgt Ion:152 Resp: 404175
Ion Ratio Lower Upper
152 100
115 55.1 27.5 82.4
150 157.3 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

