

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065262.D
 Acq On : 20 Feb 2020 18:24
 Operator : VA/SY
 Sample : L1625-04
 Misc : 4.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-050-B

Quant Time: Feb 21 05:55:16 2020
 Quant Method : Z:\V0ASRV\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	7.99	168	598293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	991340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	859600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	356819	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	302934	56.28	ug/l	0.00
Spiked Amount			Recovery	=	112.56%	
35) Dibromofluoromethane	7.92	113	312086	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.34	98	1198373	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.64	95	334132	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	

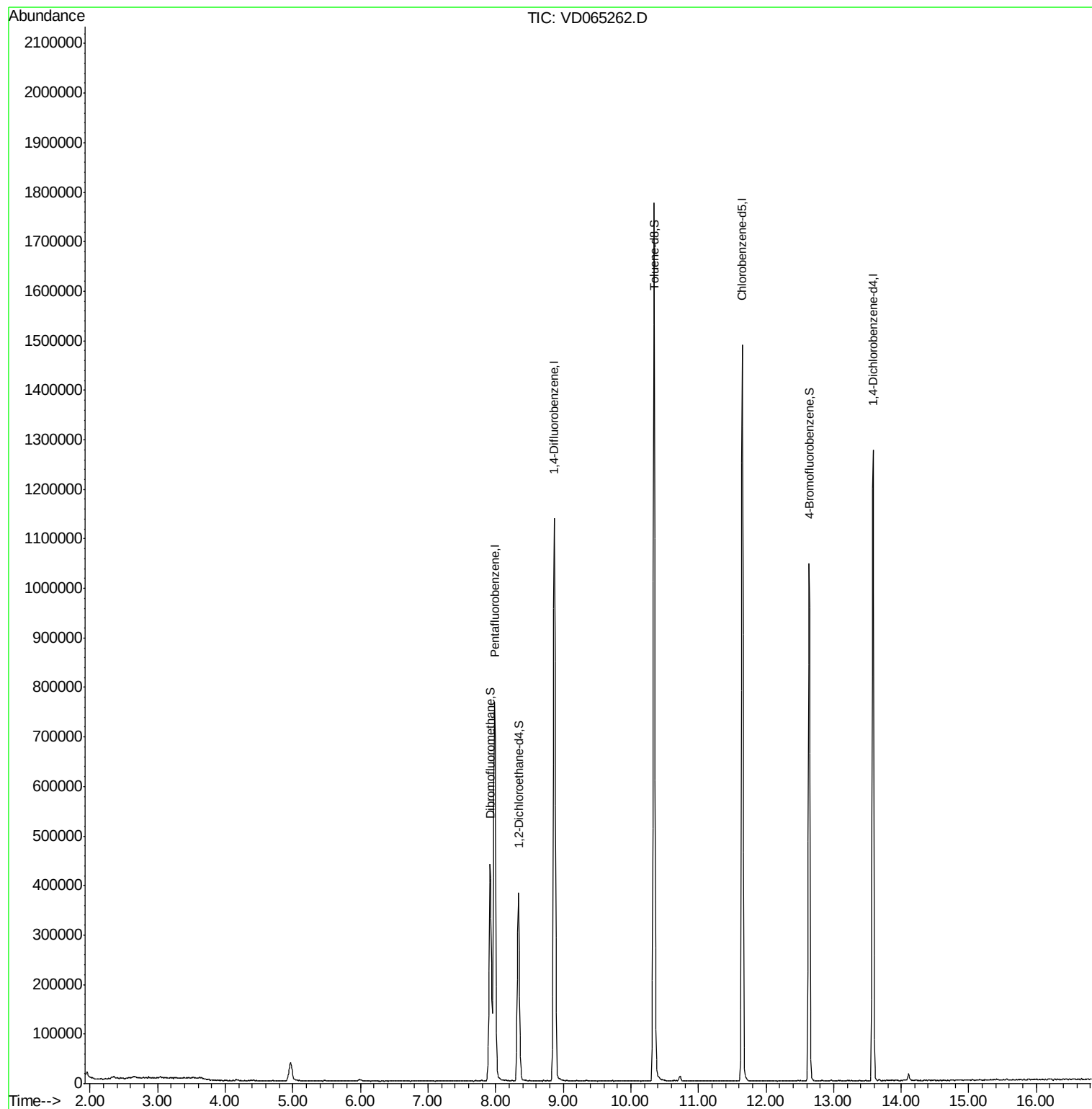
Target Compounds	Qvalue
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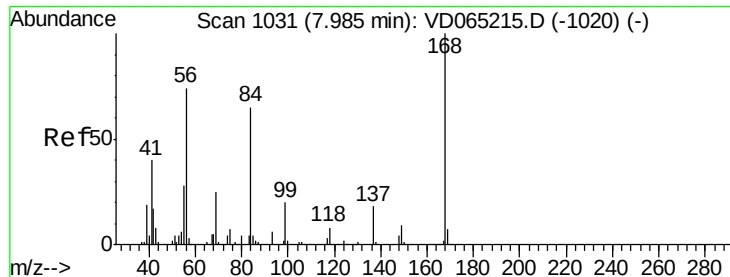
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065262.D

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MSVOA_D

ClientSampleId :

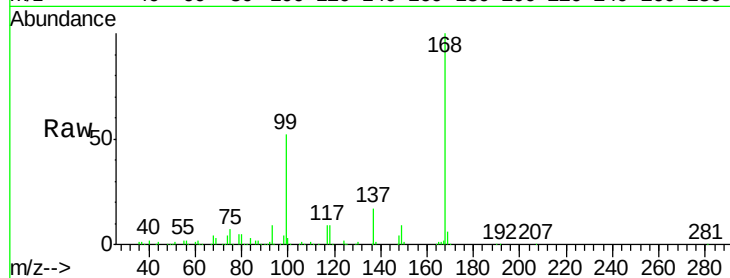
FK-GF-02-050-B

Tot Ion:168 Resp: 598293

Ion Ratio Lower Upper

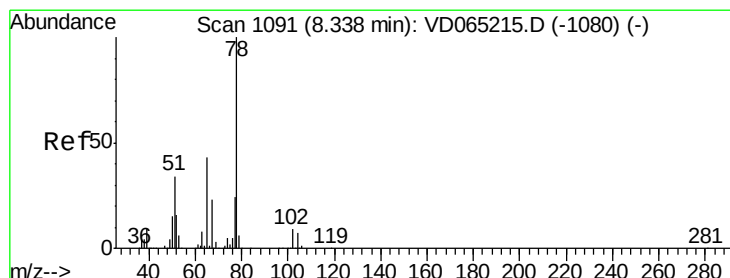
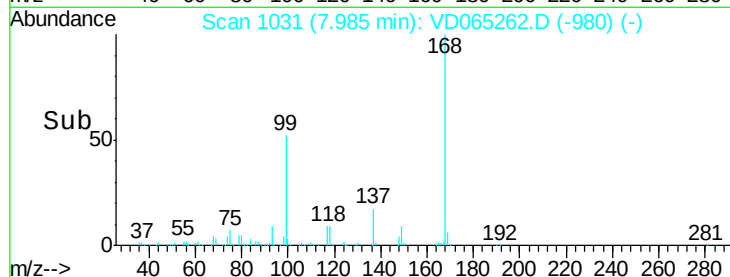
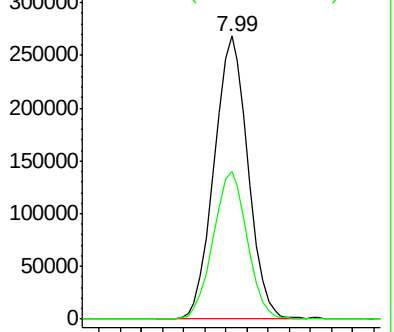
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 56.283 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065262.D

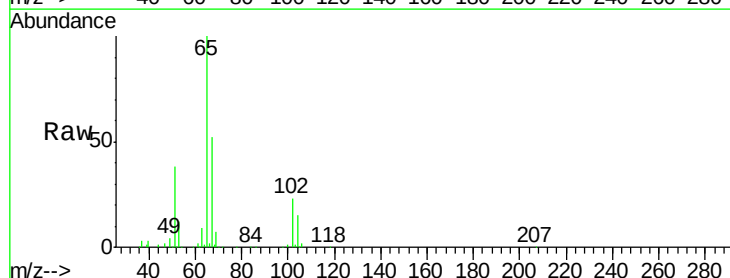
Acq: 20 Feb 2020 18:24

Tgt Ion: 65 Resp: 302934

Ion Ratio Lower Upper

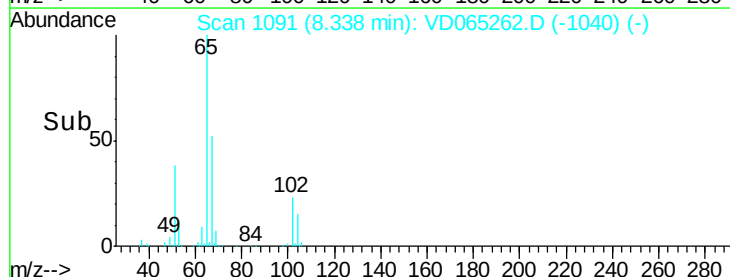
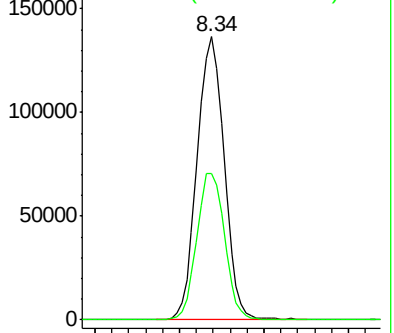
65 100

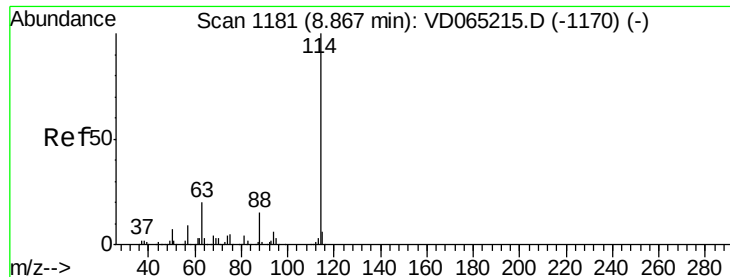
67 53.2 0.0 106.8



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: VD065262.D

Acq: 20 Feb 2020 18:24

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-050-B

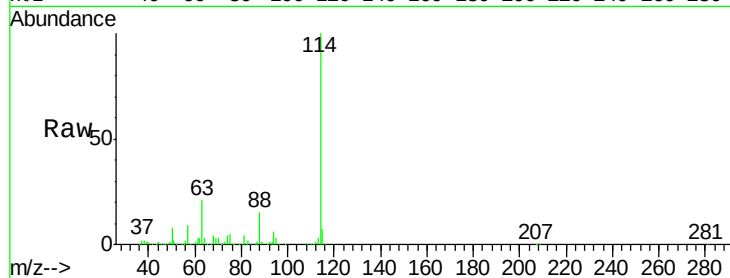
Tot Ion:114 Resp: 991340

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

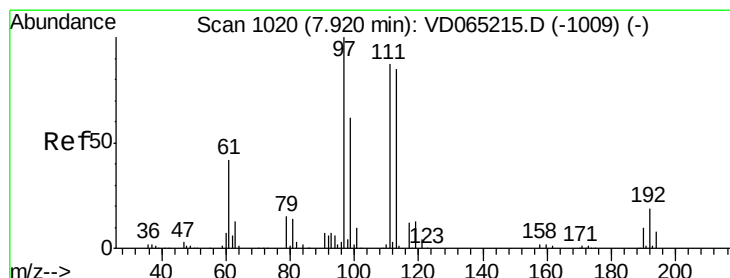
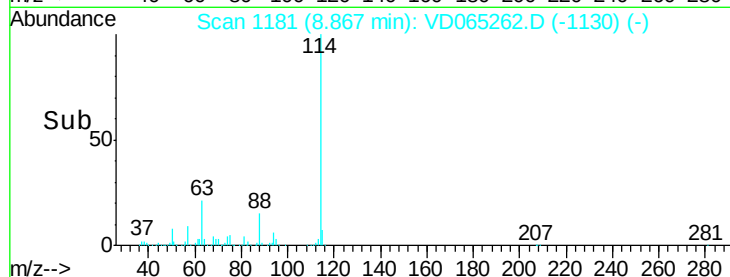
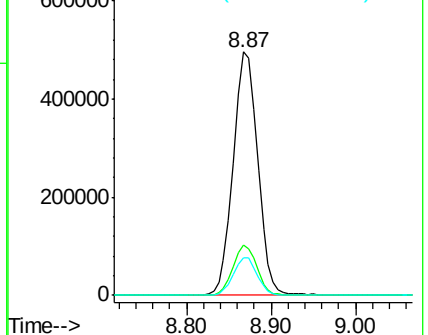
88 15.2 0.0 30.4



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: 51.630 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065262.D

Acq: 20 Feb 2020 18:24

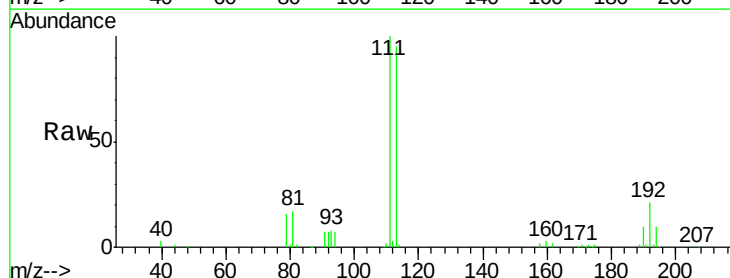
Tgt Ion:113 Resp: 312086

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

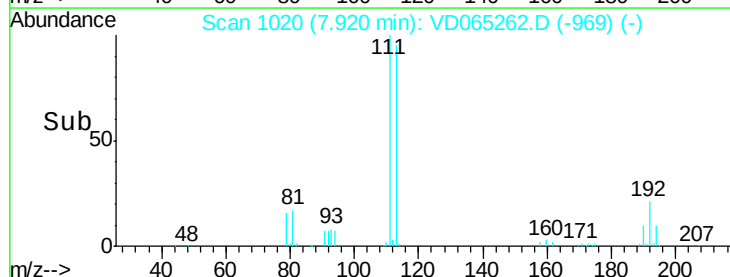
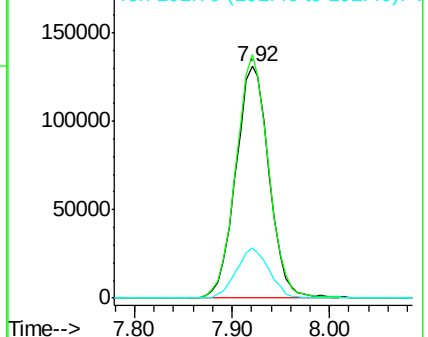
192 21.6 17.3 25.9

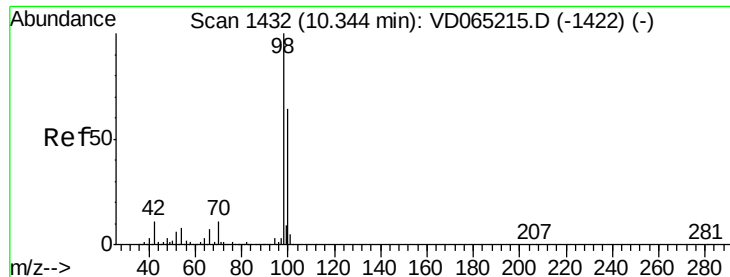


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

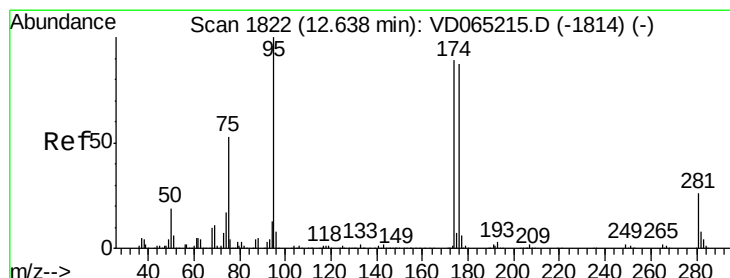
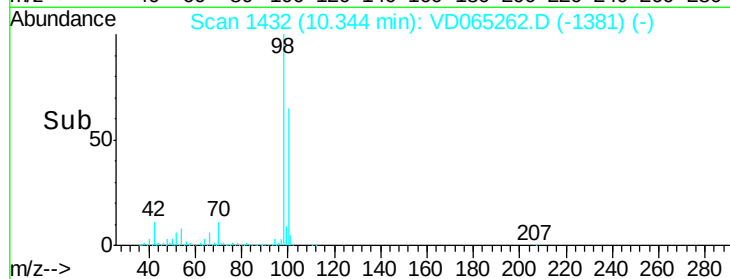
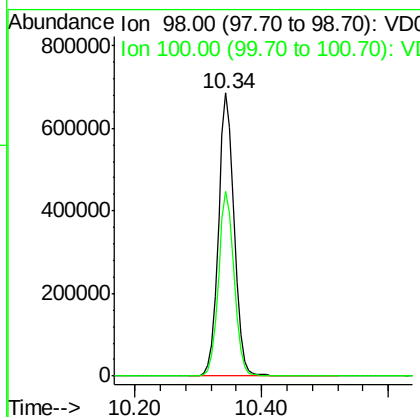
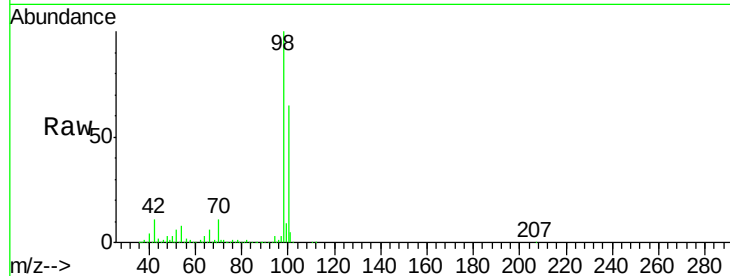




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065262.D
Acq: 20 Feb 2020 18:24

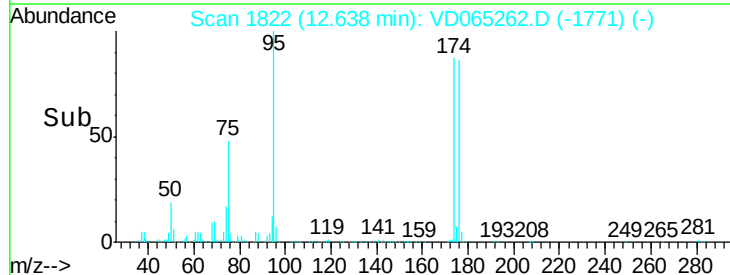
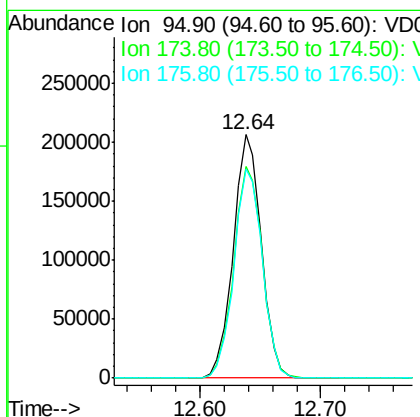
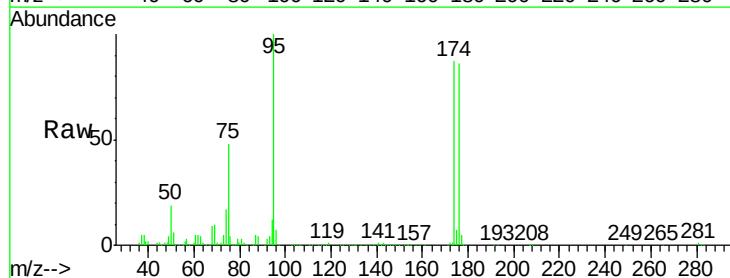
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-050-B

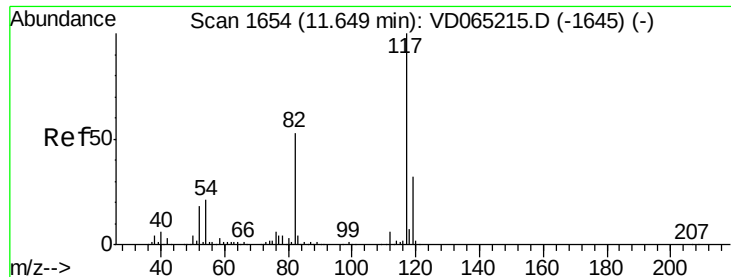
Tot Ion: 98 Resp: 1198373
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.644 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065262.D
Acq: 20 Feb 2020 18:24

Tgt Ion: 95 Resp: 334132
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.0
176 87.2 0.0 174.4

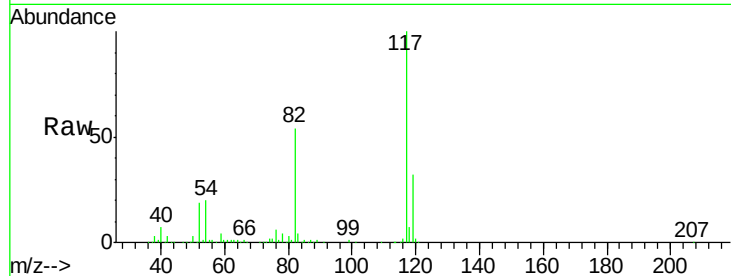




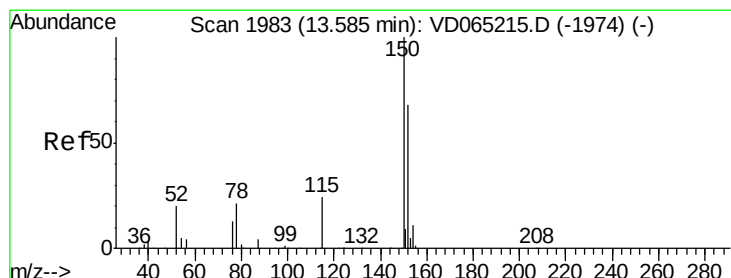
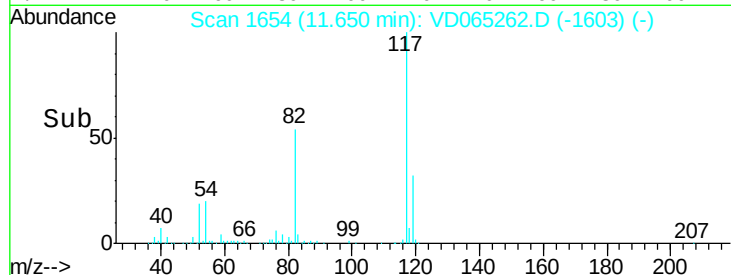
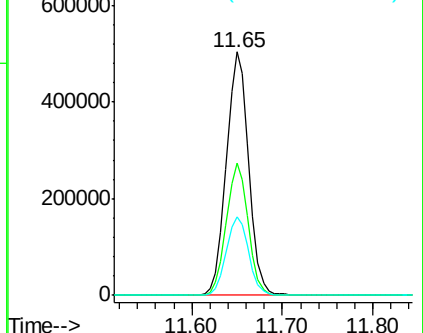
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065262.D
Acq: 20 Feb 2020 18:24

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-050-B

Tot Ion:117 Resp: 859600
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 32.5 25.5 38.3

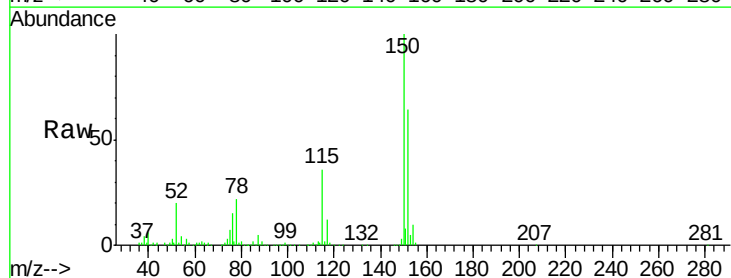


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065262.D
Acq: 20 Feb 2020 18:24

Tgt Ion:152 Resp: 356819
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 155.4 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

