

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067638.D
 Acq On : 16 Nov 2020 14:02
 Operator : VA/SY
 Sample : L4746-01
 Misc : 6.82G/5.01ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-111320

Quant Time: Nov 17 01:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	10775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	17697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	19480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	8206	87.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.20%	
35) Dibromofluoromethane	7.91	113	5756	53.98	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	10.34	98	20076	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.63	95	8258	63.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.68%	

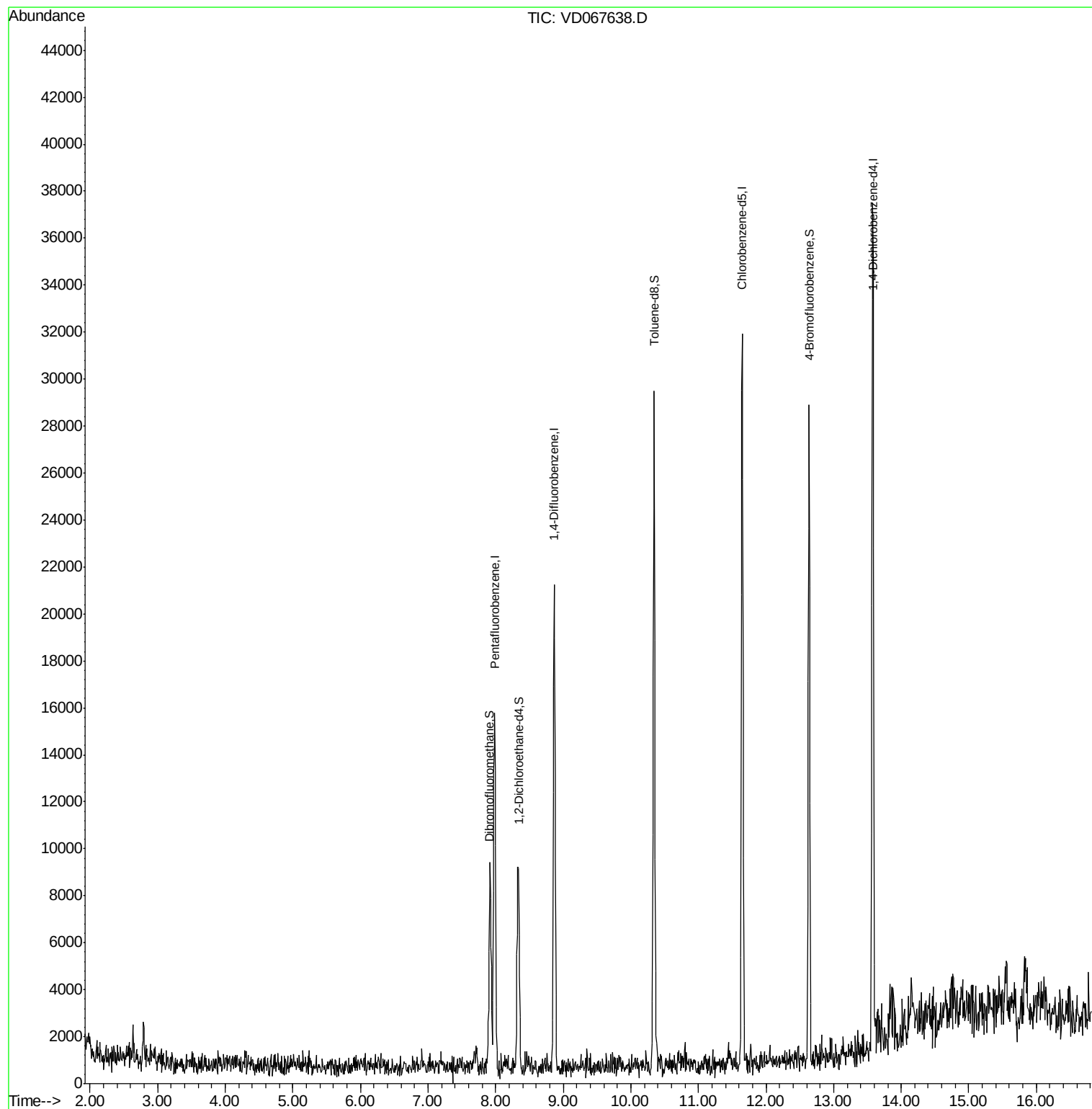
Target Compounds	Qvalue

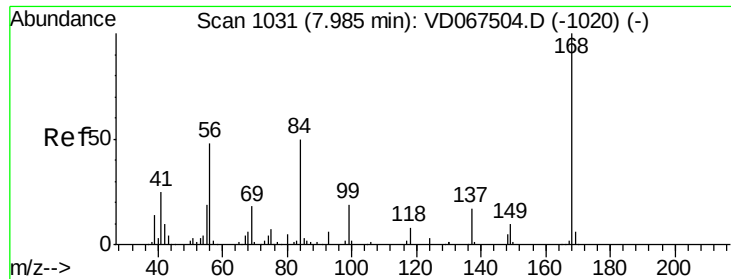
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067638.D

Acq: 16 Nov 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

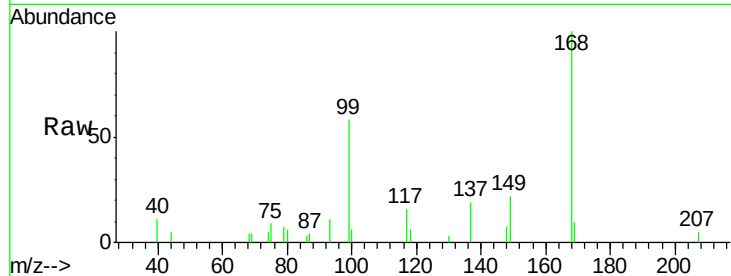
OK-02-111320

Tot Ion:168 Resp: 10775

Ion Ratio Lower Upper

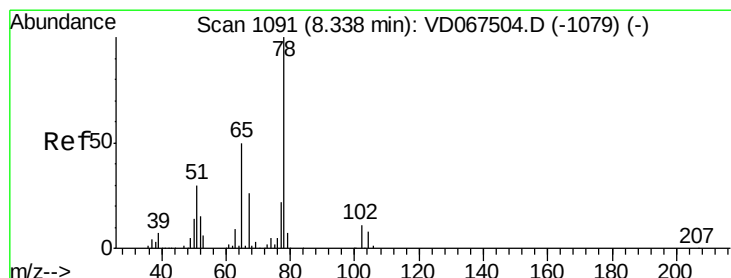
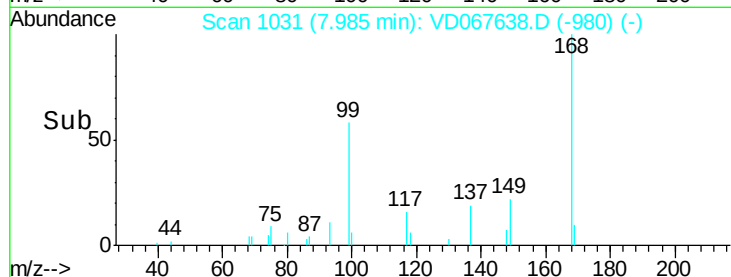
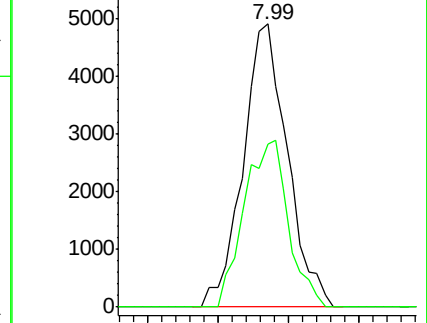
168 100

99 57.5 45.0 67.6



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: 87.098 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VD067638.D

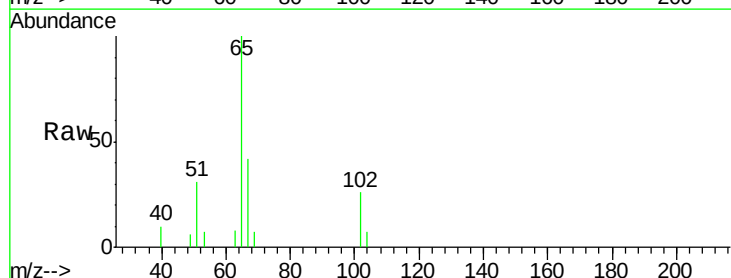
Acq: 16 Nov 2020 14:02

Tgt Ion: 65 Resp: 8206

Ion Ratio Lower Upper

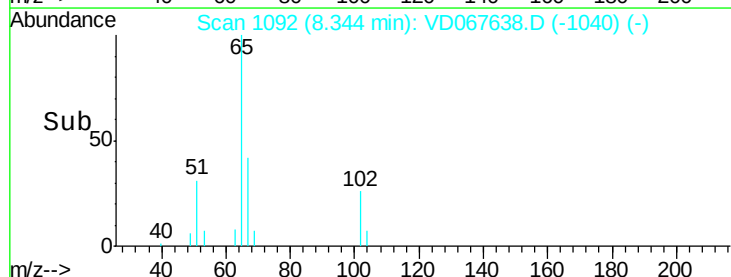
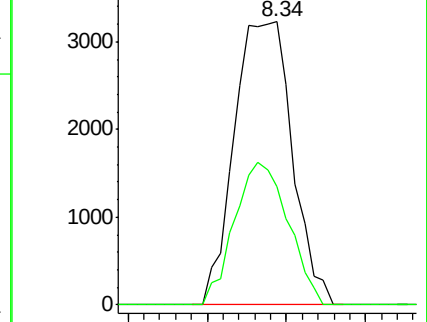
65 100

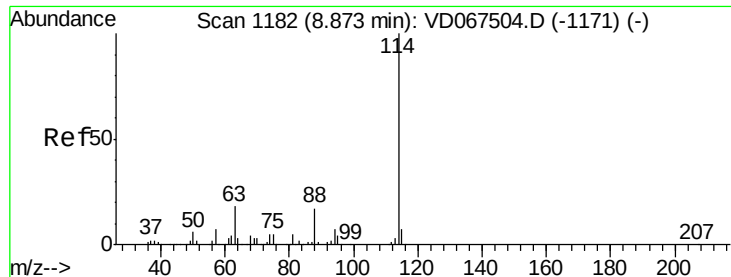
67 46.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

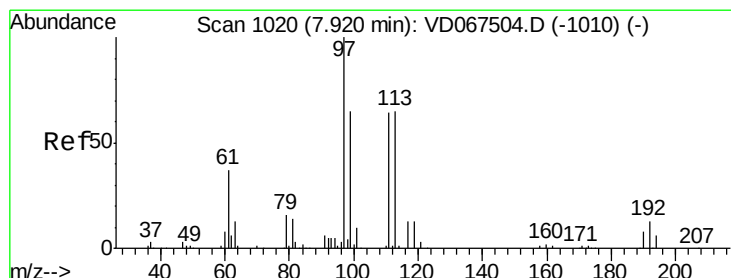
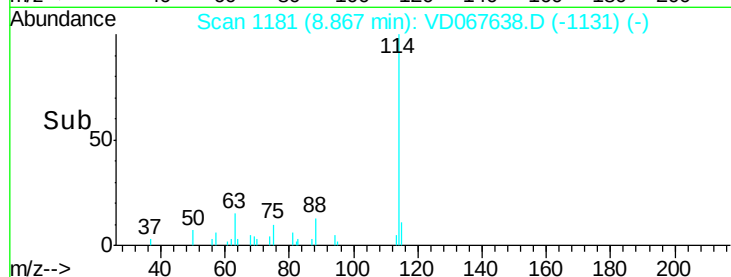
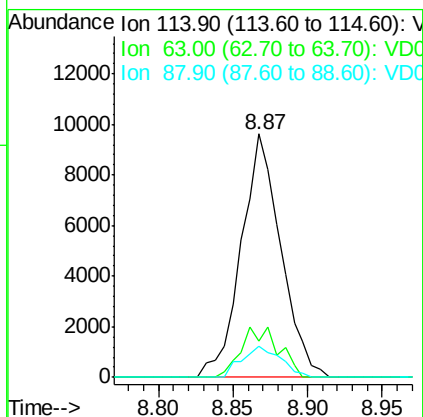
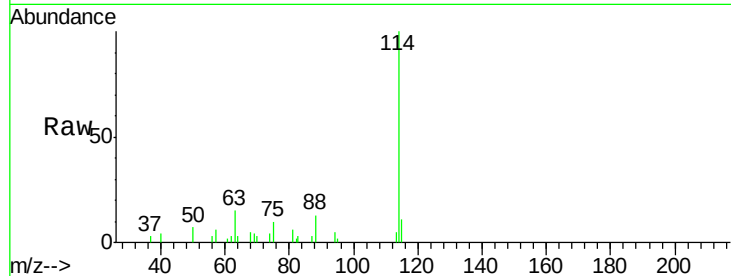




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067638.D
 Acq: 16 Nov 2020 14:02

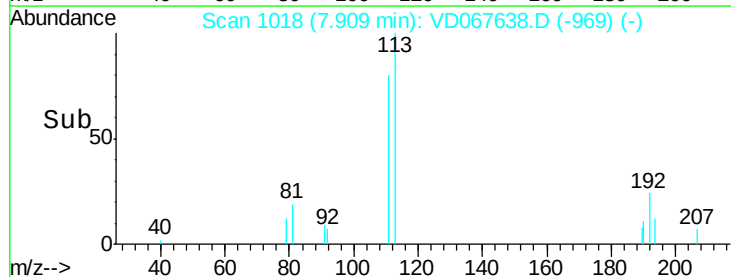
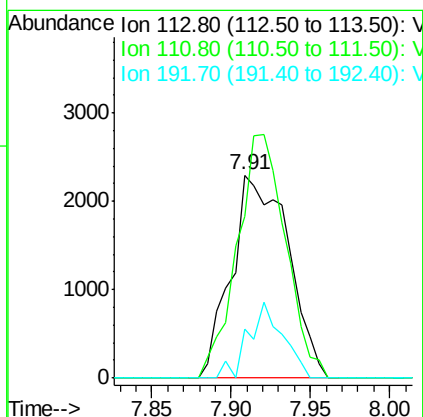
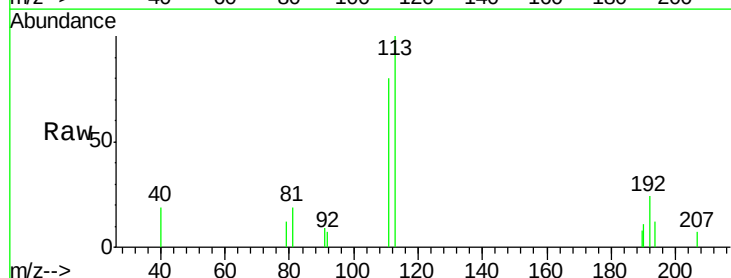
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-111320

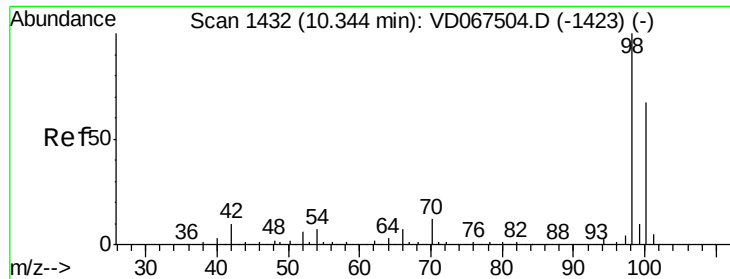
Tot Ion:114 Resp: 17697
 Ion Ratio Lower Upper
 114 100
 63 14.9 0.0 35.0
 88 12.8 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 53.984 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD067638.D
 Acq: 16 Nov 2020 14:02

Tgt Ion:113 Resp: 5756
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.0 120.0
 192 22.5 16.3 24.5





#50

Toluene-d8

Concen: 53.579 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067638.D

Acq: 16 Nov 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

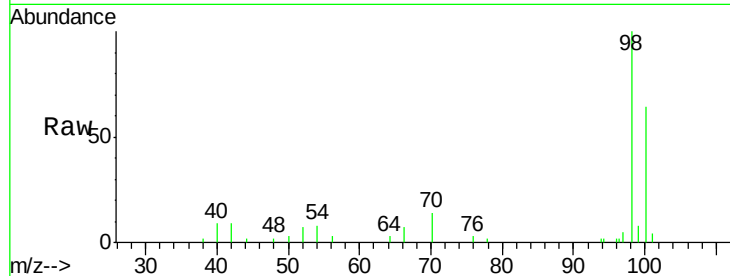
OK-02-111320

Tot Ion: 98 Resp: 20076

Ion Ratio Lower Upper

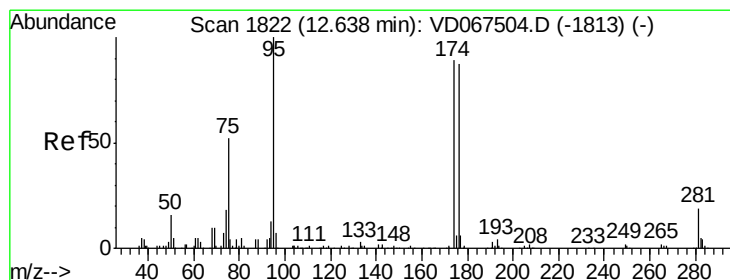
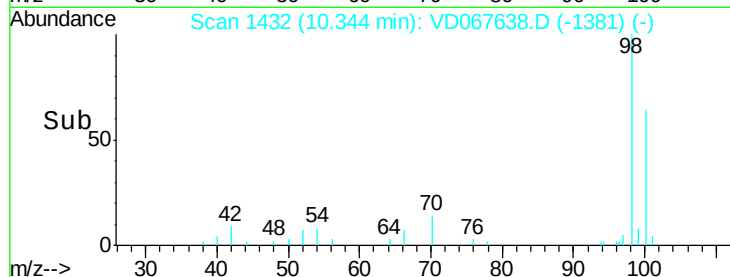
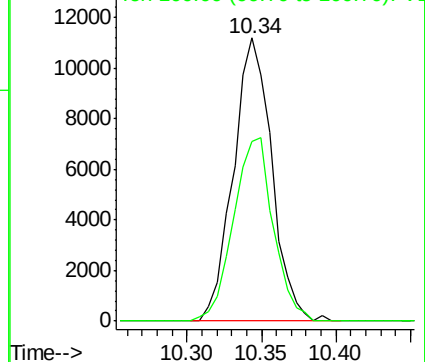
98 100

100 67.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 63.835 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067638.D

Acq: 16 Nov 2020 14:02

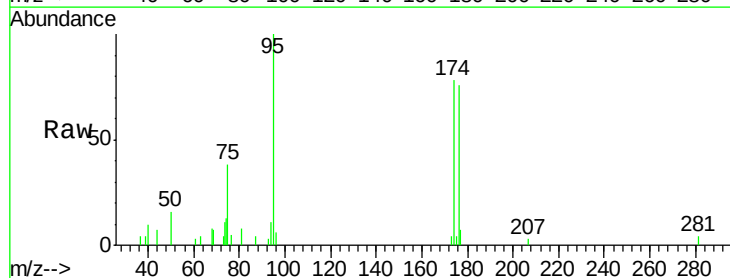
Tgt Ion: 95 Resp: 8258

Ion Ratio Lower Upper

95 100

174 97.7 0.0 177.8

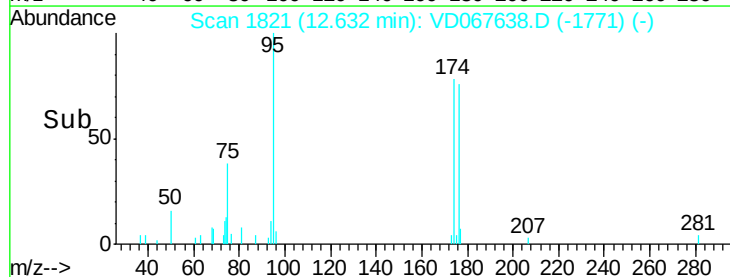
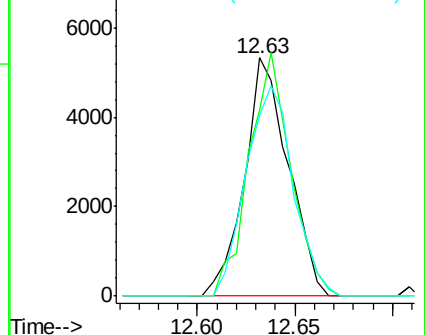
176 95.3 0.0 172.0

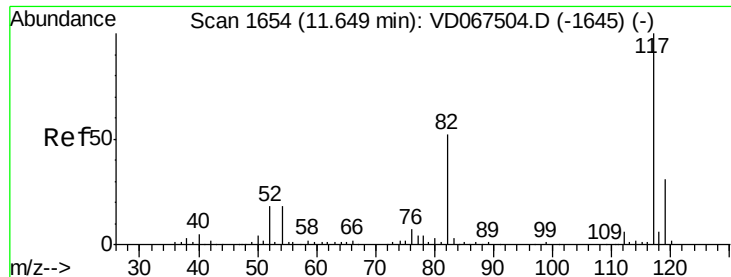


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

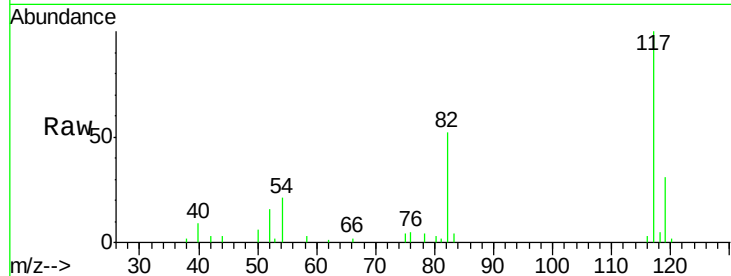




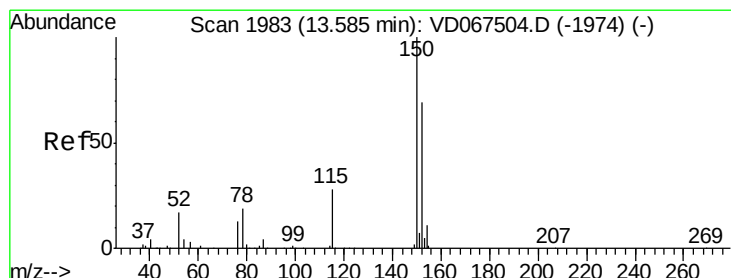
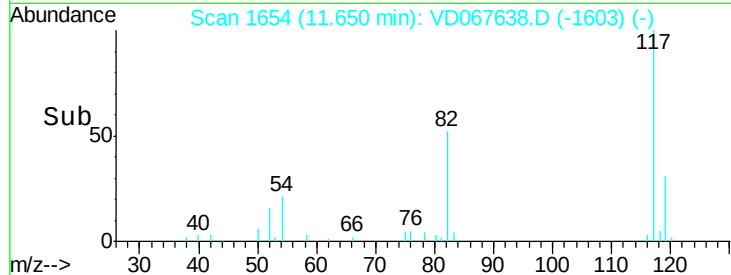
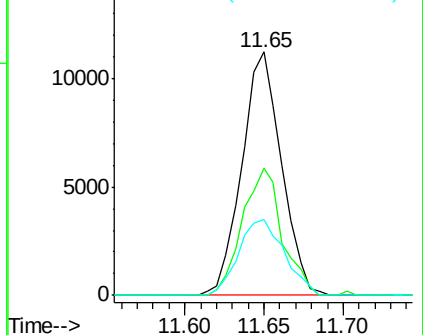
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
OK-02-111320

Tot Ion:117 Resp: 19480
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 31.4 25.1 37.7

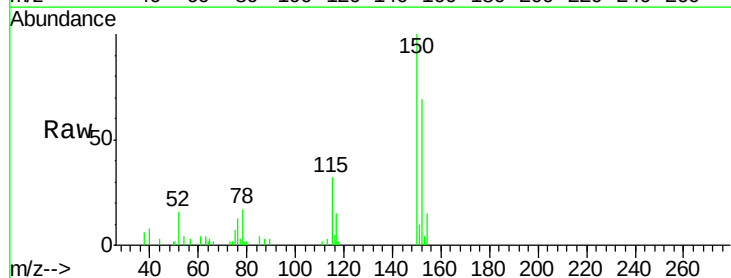


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067638.D
Acq: 16 Nov 2020 14:02

Tgt Ion:152 Resp: 10921
Ion Ratio Lower Upper
152 100
115 54.3 29.3 88.0
150 152.6 0.0 338.2



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

