

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065051.D
 Acq On : 03 Feb 2020 13:47
 Operator : VA/SY
 Sample : L1345-01
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01-31-A

Quant Time: Feb 03 14:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	515501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	820836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	775003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238338	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	7.92	113	250494	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.34	98	1001179	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.64	95	314583	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

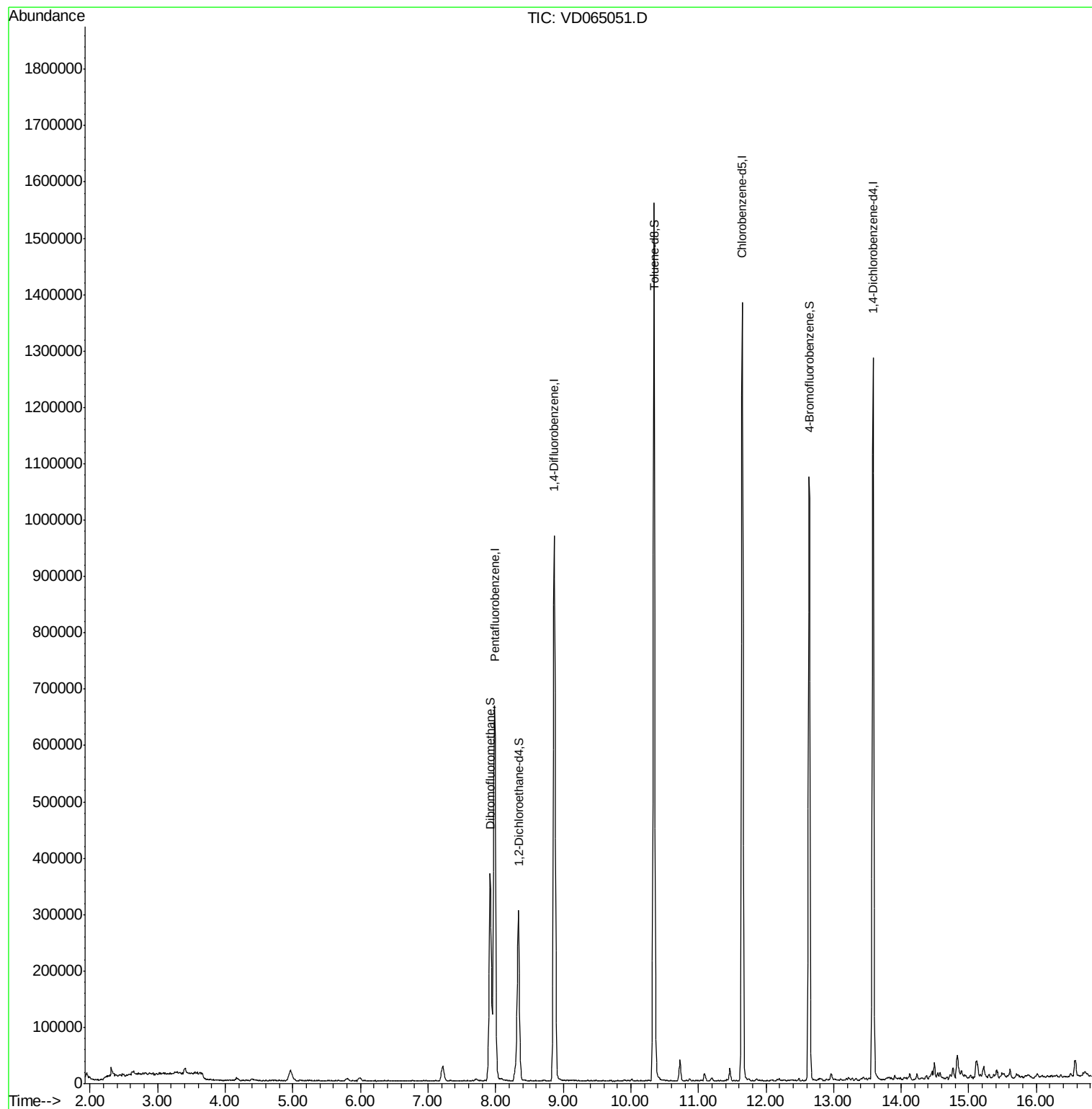
Target Compounds	Qvalue

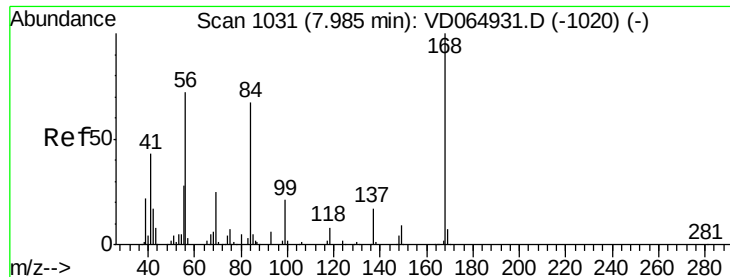
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065051.D

Acq: 03 Feb 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

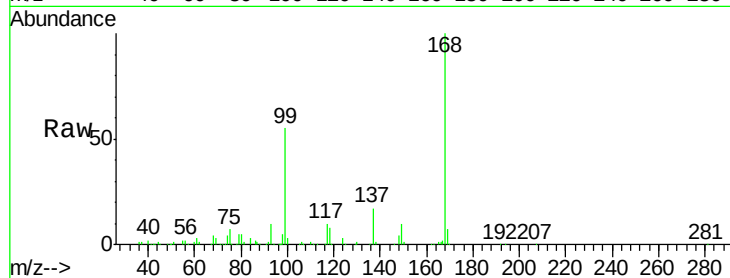
01-31-A

Tot Ion:168 Resp: 515501

Ion Ratio Lower Upper

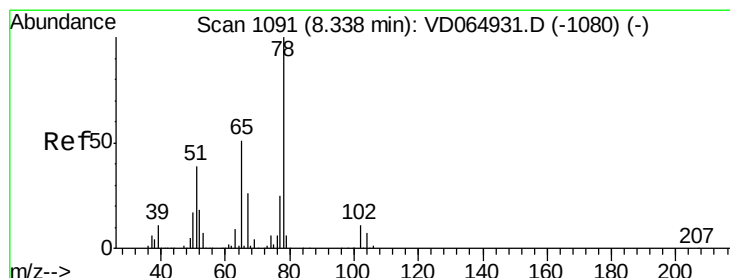
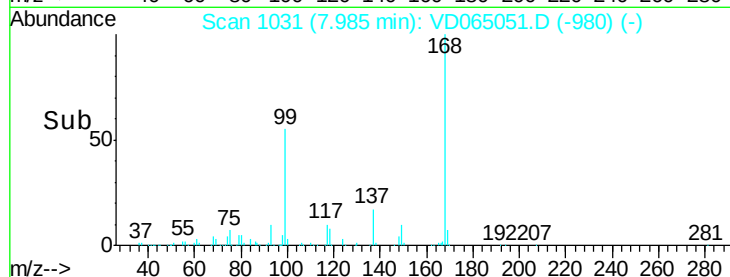
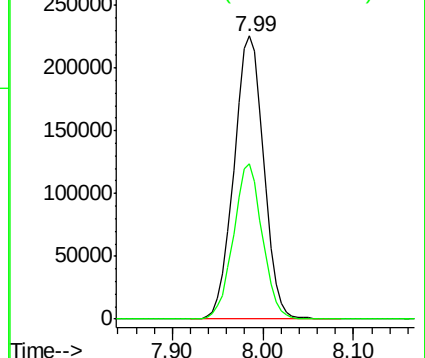
168 100

99 54.7 43.3 64.9



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: 48.200 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065051.D

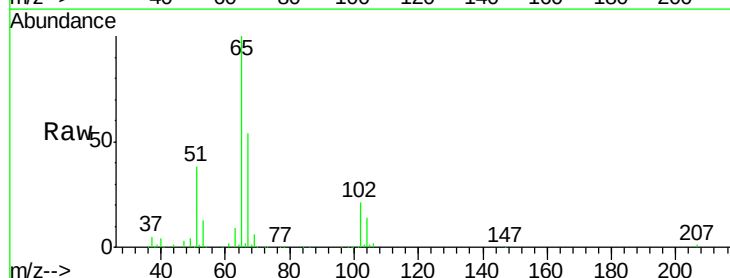
Acq: 03 Feb 2020 13:47

Tgt Ion: 65 Resp: 238338

Ion Ratio Lower Upper

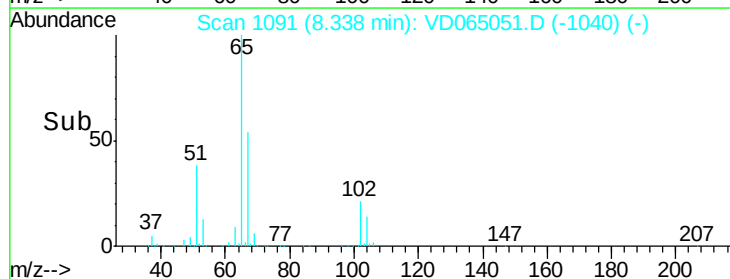
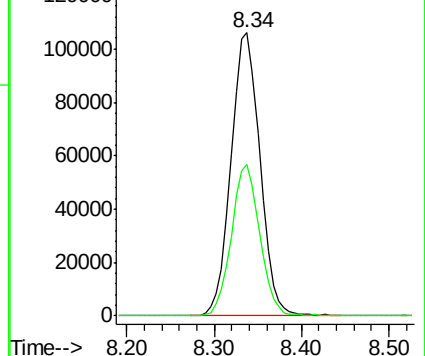
65 100

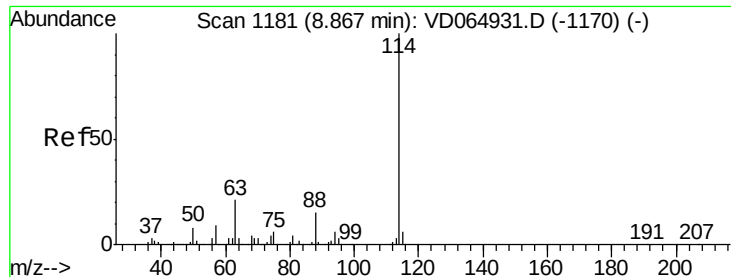
67 52.2 0.0 103.6



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: VD065051.D

Acq: 03 Feb 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

01-31-A

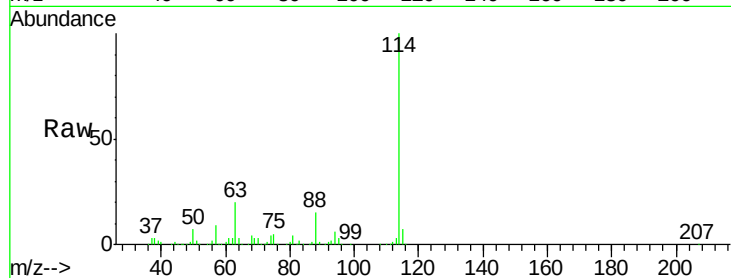
Tot Ion:114 Resp: 820836

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.0

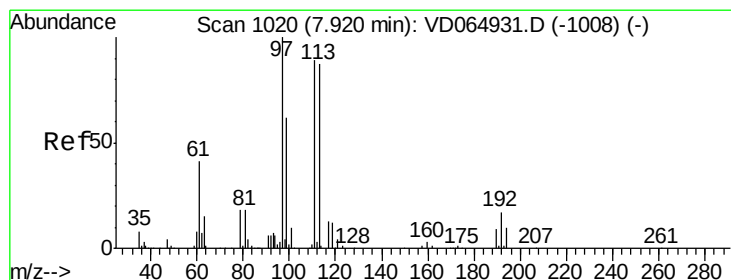
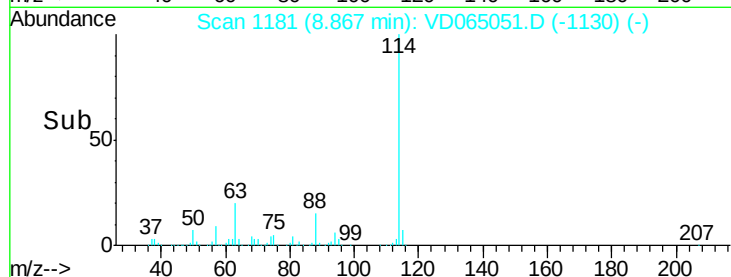
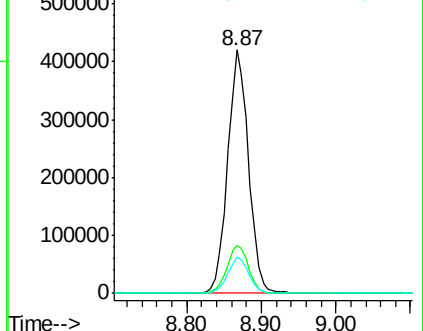
88 14.6 0.0 29.4



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: 48.562 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065051.D

Acq: 03 Feb 2020 13:47

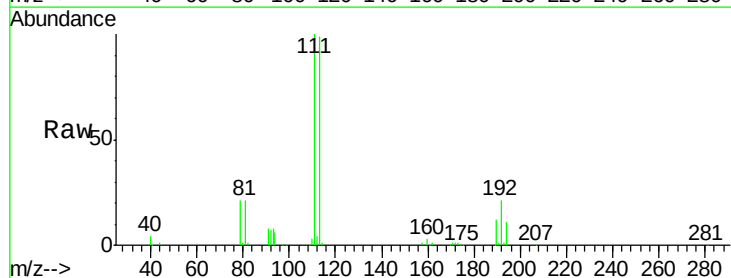
Tgt Ion:113 Resp: 250494

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

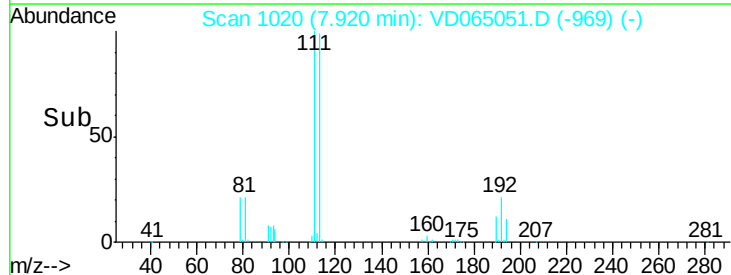
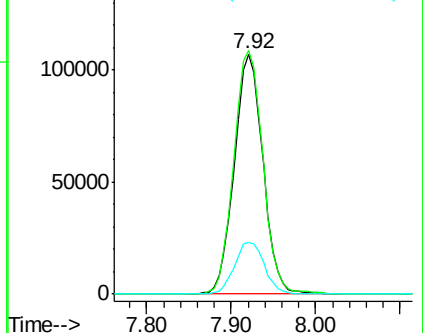
192 22.5 16.9 25.3

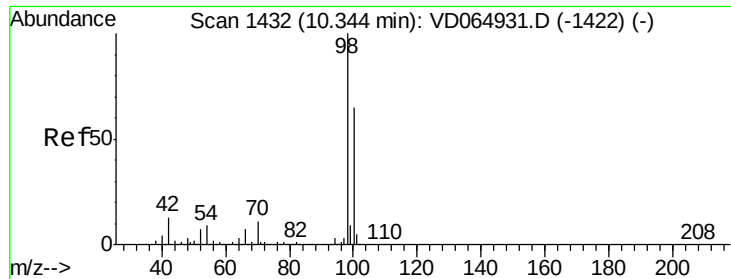


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.288 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065051.D

Acq: 03 Feb 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

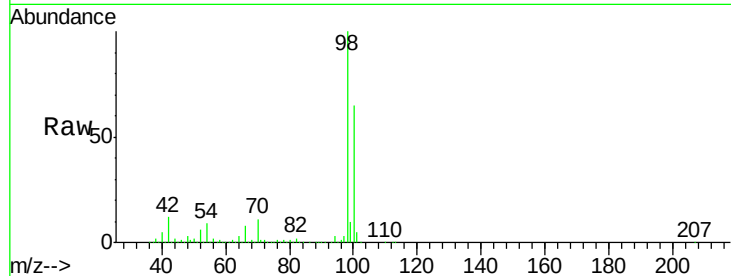
01-31-A

Tot Ion: 98 Resp: 1001179

Ion Ratio Lower Upper

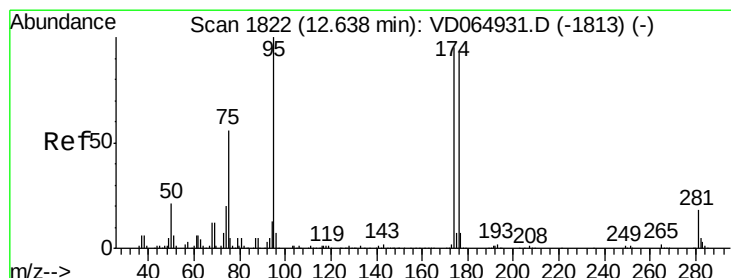
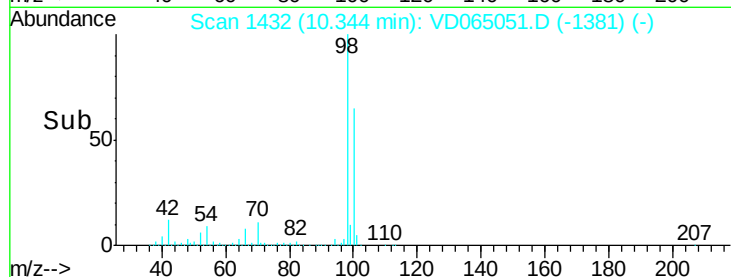
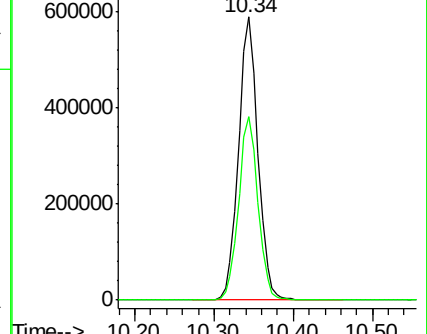
98 100

100 64.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.634 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065051.D

Acq: 03 Feb 2020 13:47

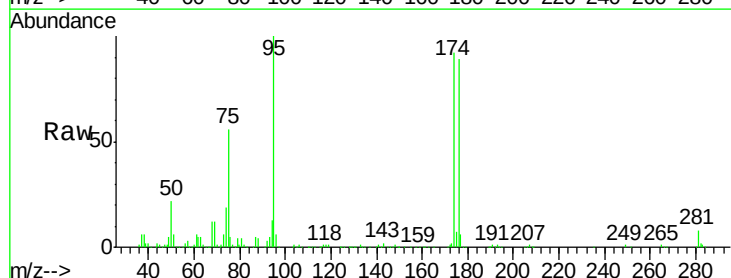
Tgt Ion: 95 Resp: 314583

Ion Ratio Lower Upper

95 100

174 92.0 0.0 186.8

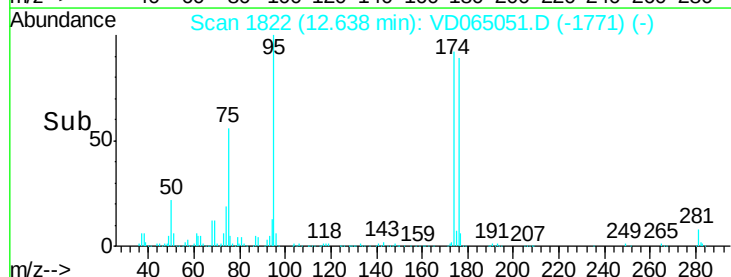
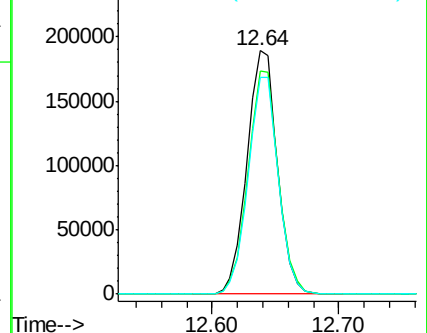
176 88.8 0.0 183.4

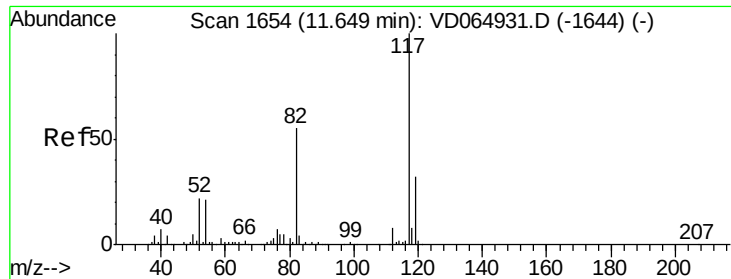


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

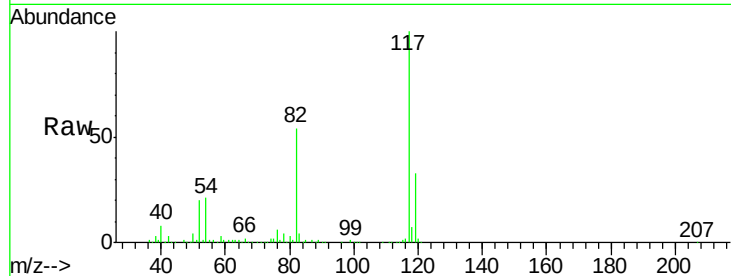




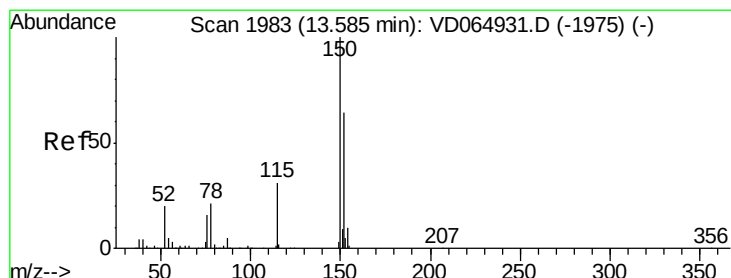
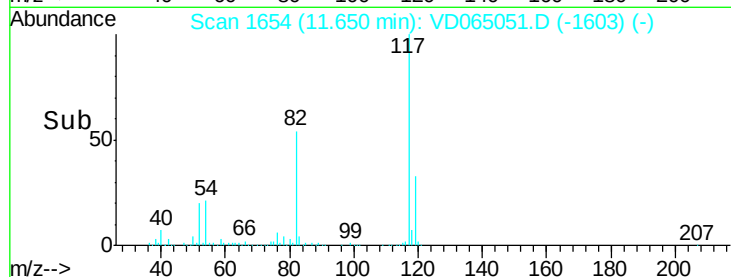
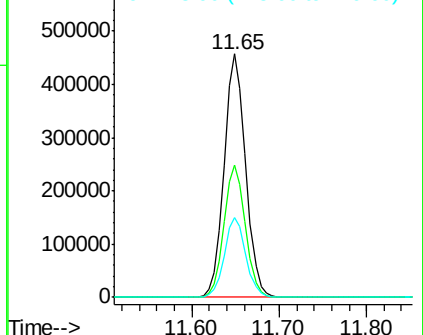
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065051.D
Acq: 03 Feb 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
01-31-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	32.8	25.2	37.8

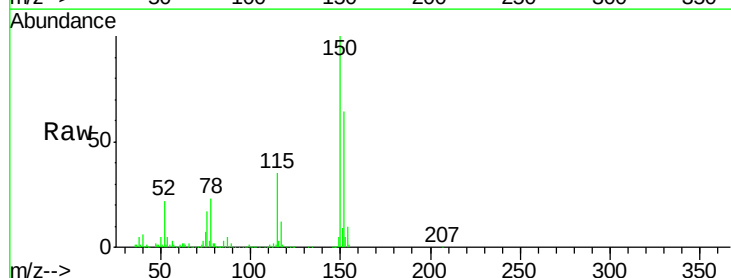


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065051.D
Acq: 03 Feb 2020 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.1	84.4
150	155.1	0.0	350.4



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

