

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065355.D
 Acq On : 28 Feb 2020 13:27
 Operator : VA/SY
 Sample : L1740-01
 Misc : 8.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-06-022720

Quant Time: Feb 28 16:36:24 2020
 Quant Method : Z:\VOASRV\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	7.98	168	573837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	914299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	645915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	151493	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	271773	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.92	113	301229	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.34	98	1059366	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.64	95	196629	29.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.24%	

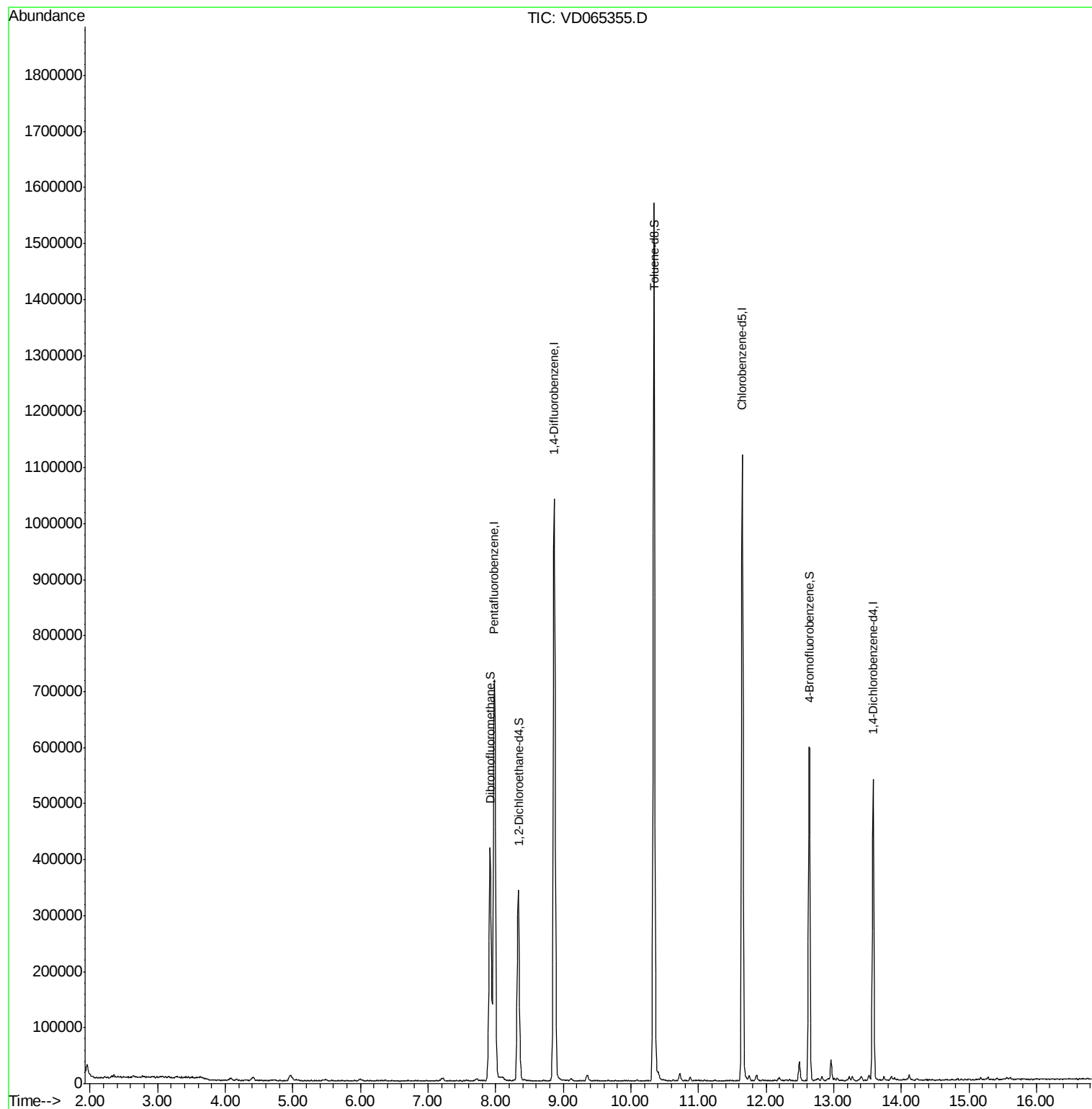
Target Compounds	Qvalue

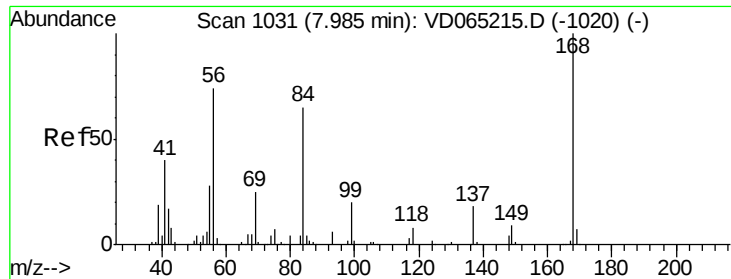
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 03:26:54 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

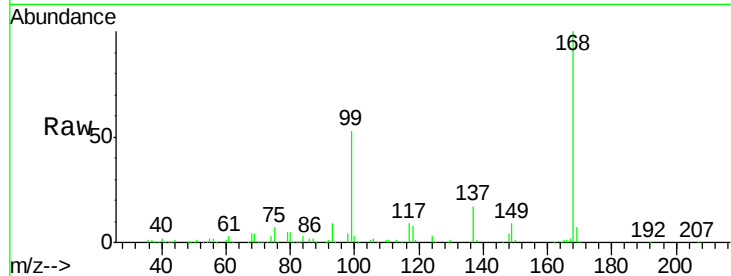
GP-06-022720

Tot Ion:168 Resp: 573837

Ion Ratio Lower Upper

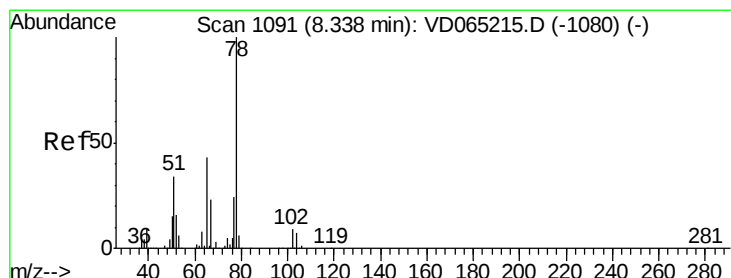
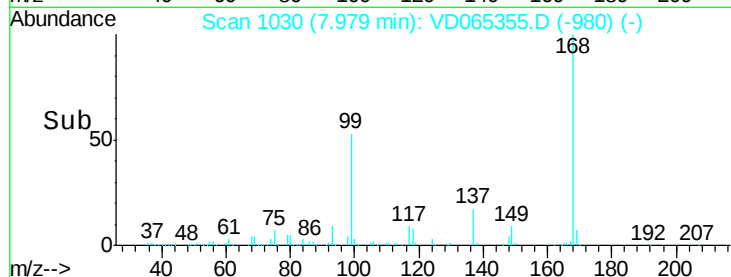
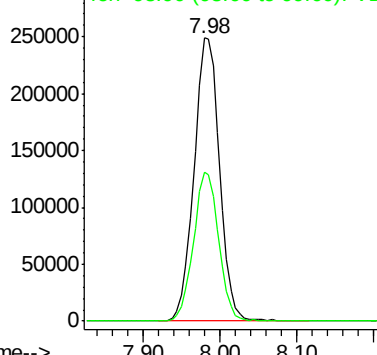
168 100

99 52.3 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: 52.646 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065355.D

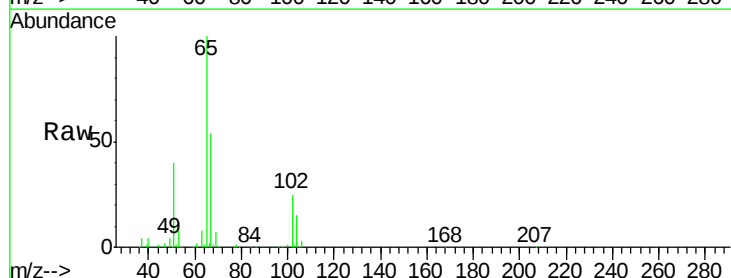
Acq: 28 Feb 2020 13:27

Tgt Ion: 65 Resp: 271773

Ion Ratio Lower Upper

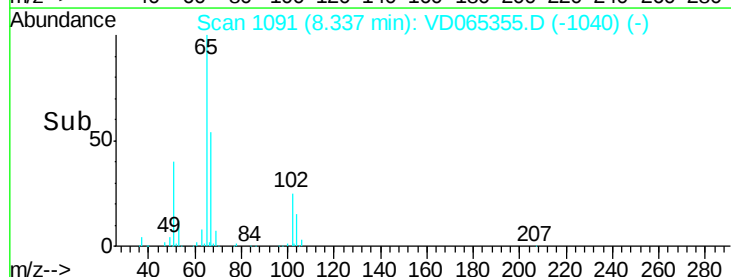
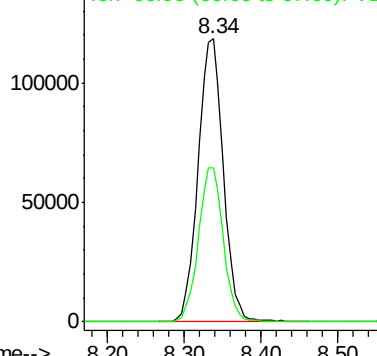
65 100

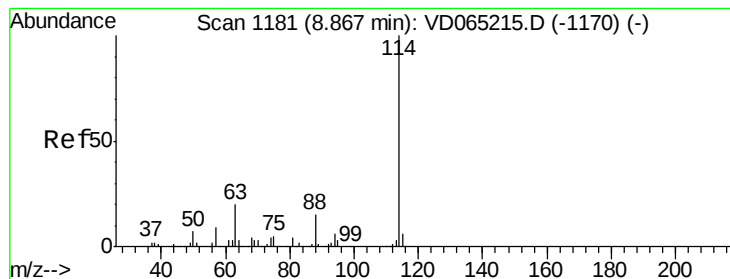
67 53.8 0.0 106.8



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: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

GP-06-022720

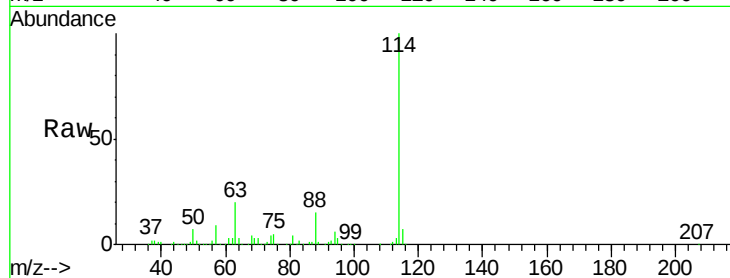
Tot Ion:114 Resp: 914299

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

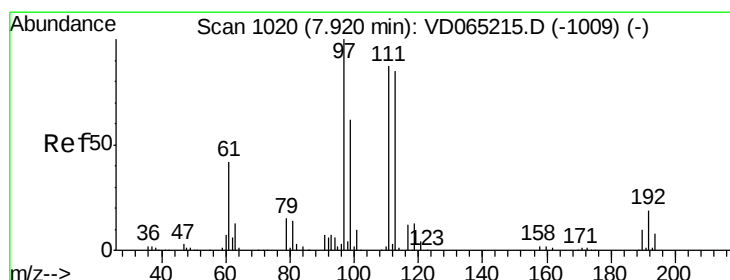
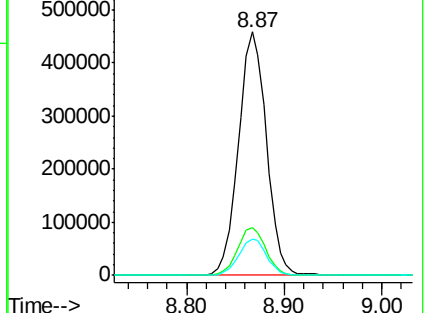
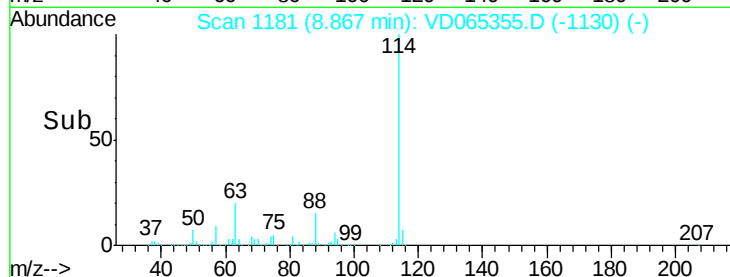
88 15.1 0.0 30.4



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: 54.033 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

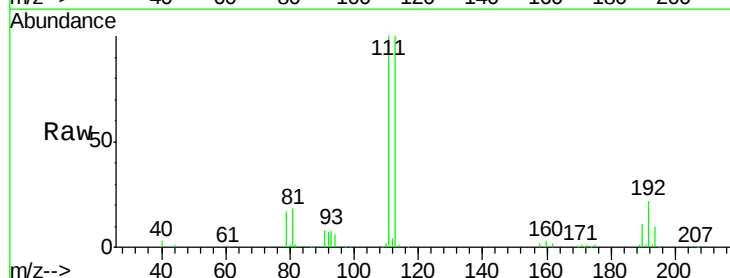
Tgt Ion:113 Resp: 301229

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

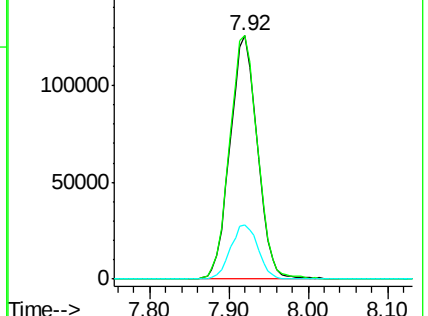
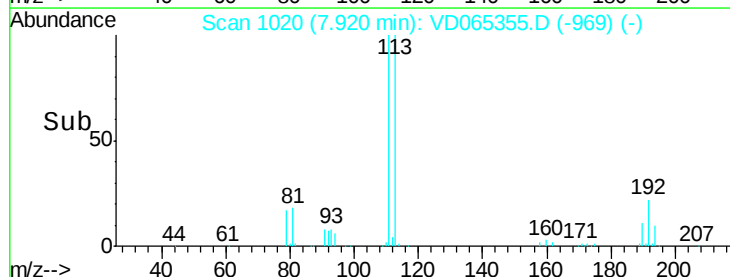
192 22.4 17.3 25.9

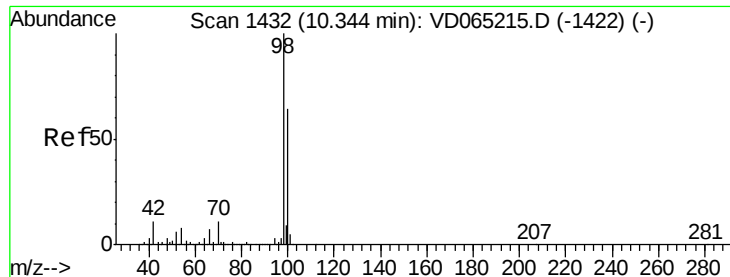


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

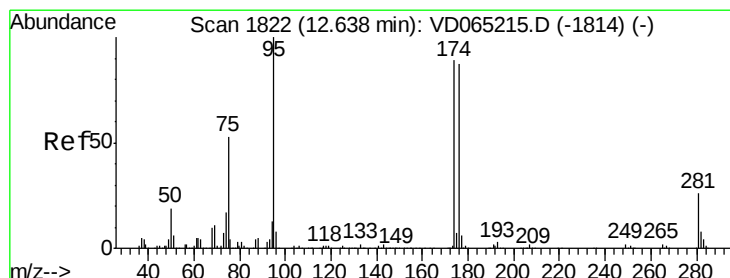
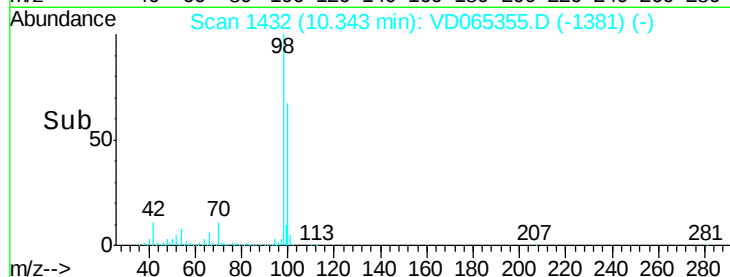
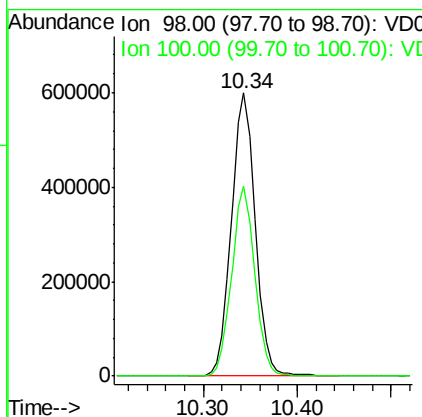
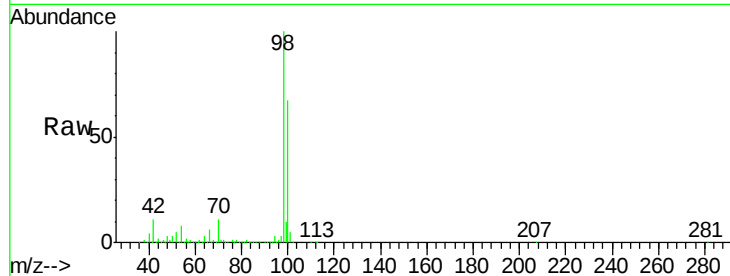




#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

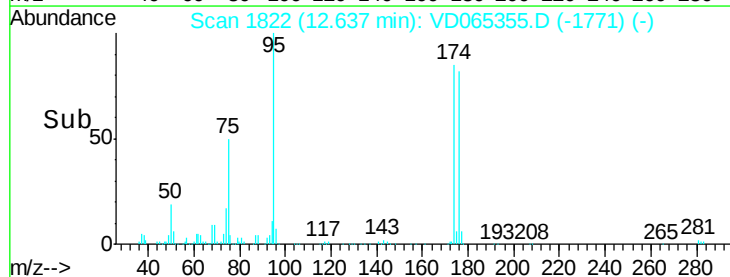
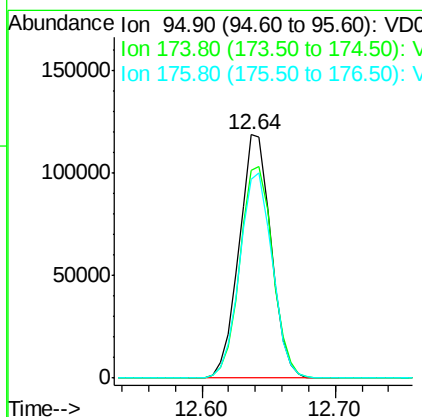
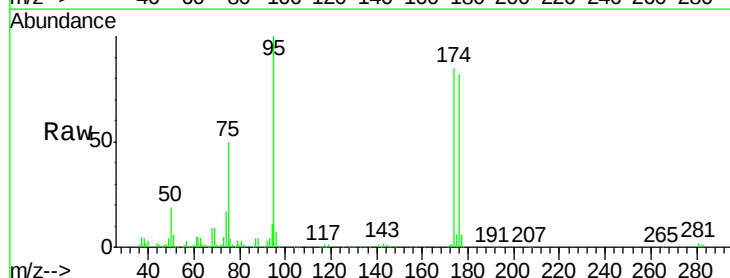
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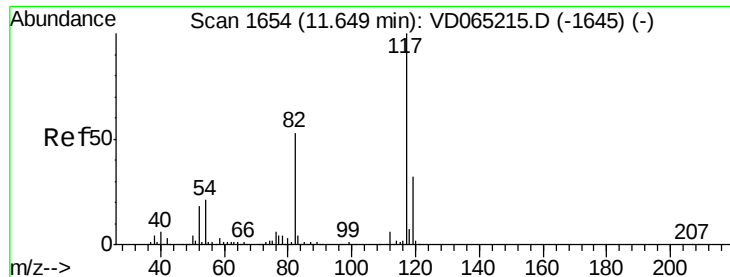
Tot Ion: 98 Resp: 1059366
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.124 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

Tgt Ion: 95 Resp: 196629
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 86.0 0.0 174.4

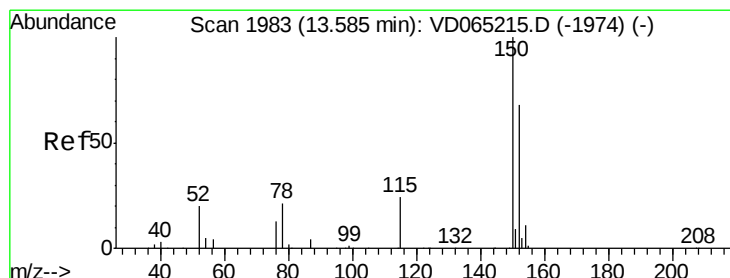
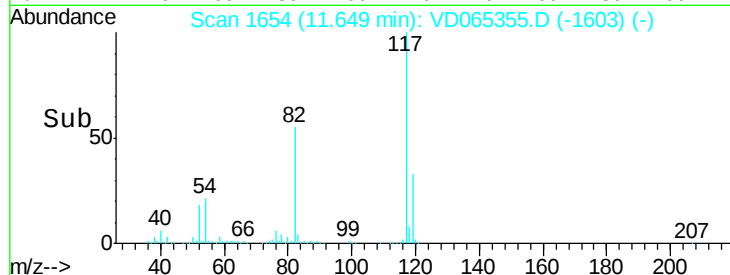
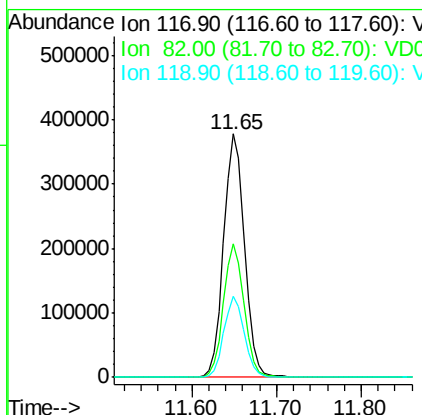
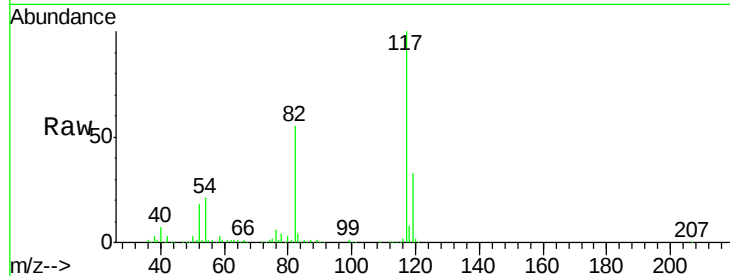




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

Instrument :
MSVOA_D
ClientSampleId :
GP-06-022720

Tot Ion:117 Resp: 645915
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

Tgt Ion:152 Resp: 151493
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 157.2 0.0 347.4

