

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030220\
 Data File : VD065370.D
 Acq On : 02 Mar 2020 10:44
 Operator : VA/SY
 Sample : VD0302SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0302SBL01

Quant Time: Mar 02 13:08:40 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	596649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	975627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	867675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	278838	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.92	113	305647	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.34	98	1155539	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	348682	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

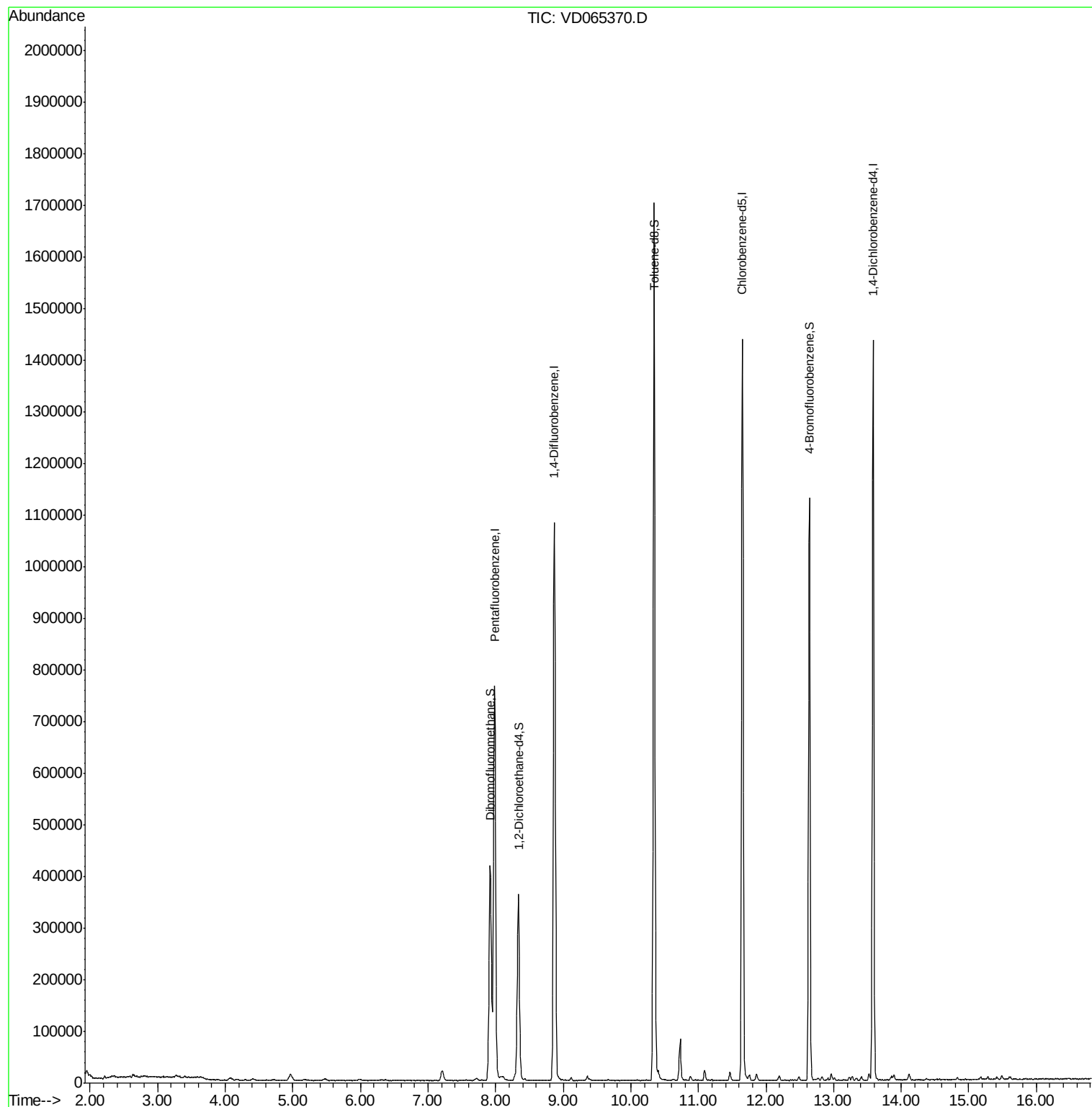
Target Compounds	Qvalue

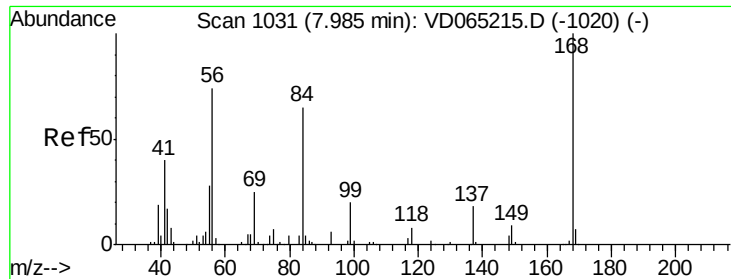
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

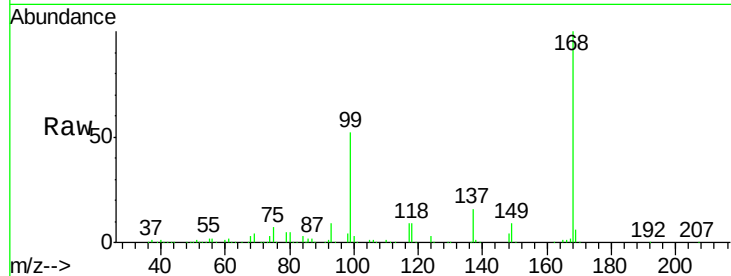
VD0302SBL01

Tot Ion:168 Resp: 596649

Ion Ratio Lower Upper

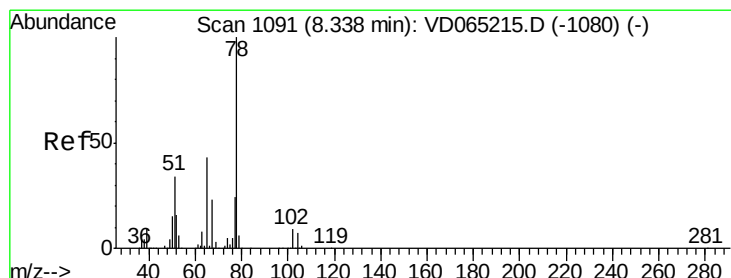
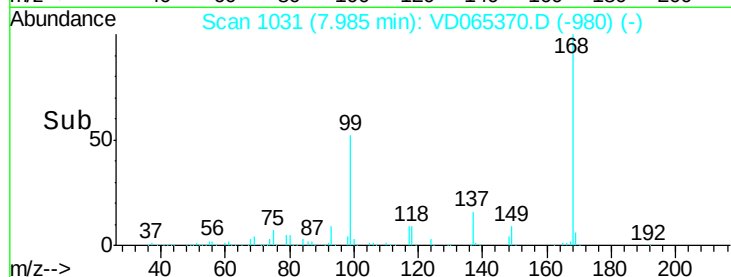
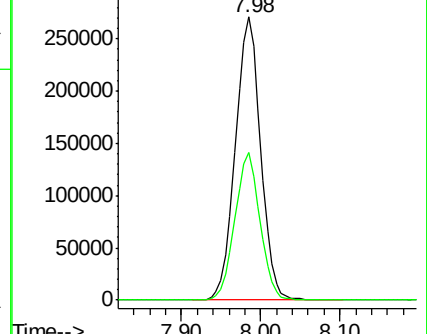
168 100

99 52.1 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: 51.949 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065370.D

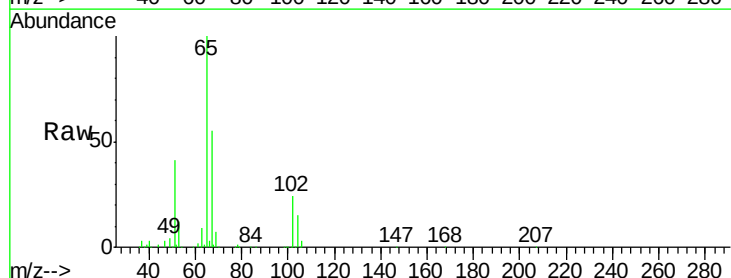
Acq: 02 Mar 2020 10:44

Tgt Ion: 65 Resp: 278838

Ion Ratio Lower Upper

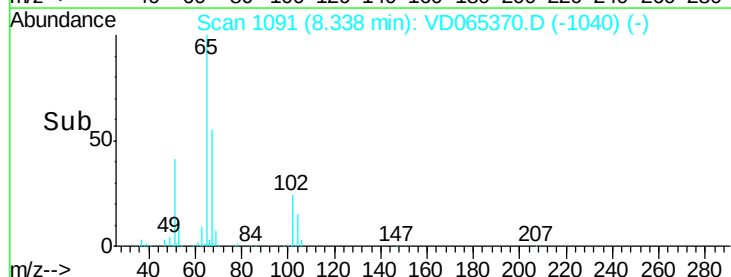
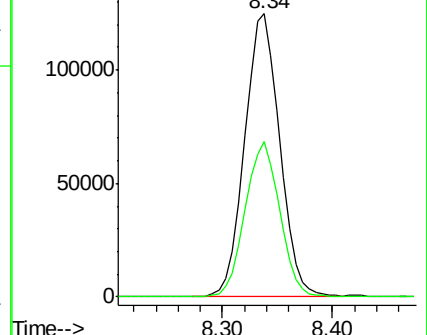
65 100

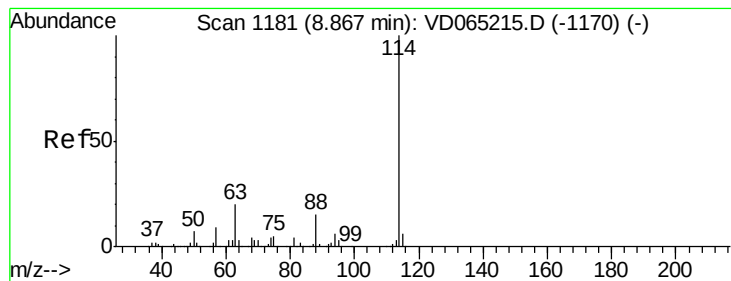
67 54.2 0.0 106.8



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: VD065370.D

Acq: 02 Mar 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VD0302SBL01

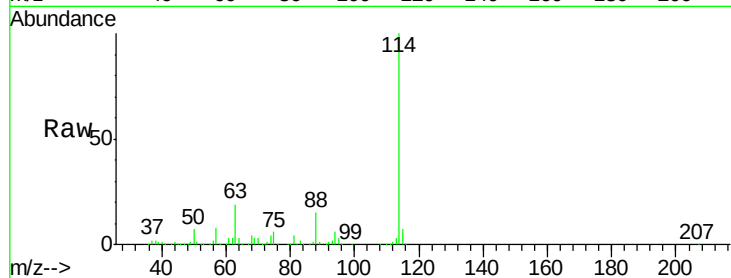
Tot Ion:114 Resp: 975627

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

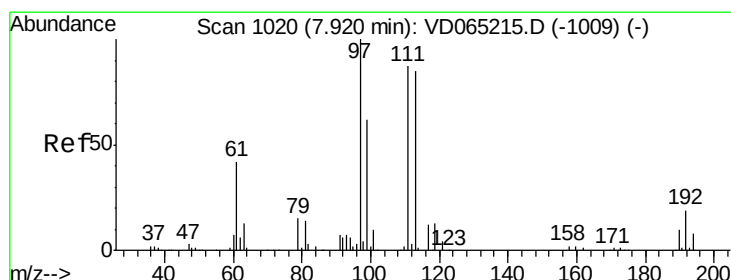
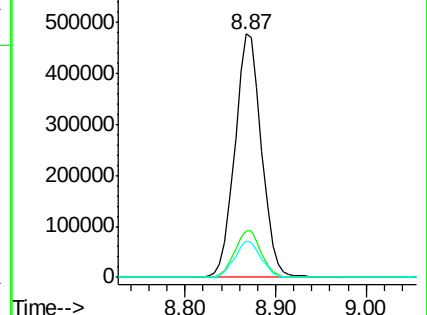
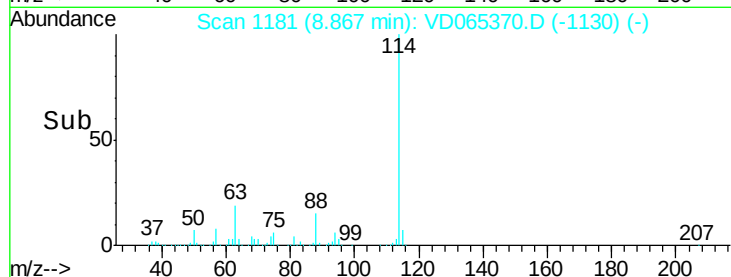
88 15.0 0.0 30.4



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: 51.380 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065370.D

Acq: 02 Mar 2020 10:44

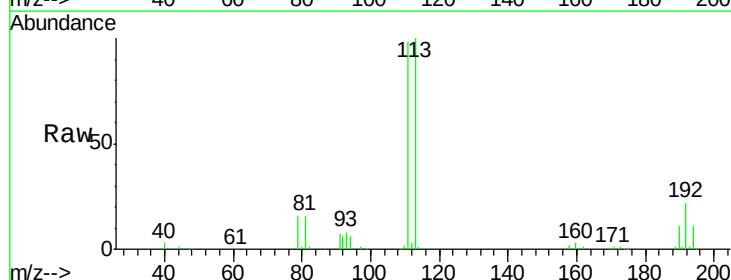
Tgt Ion:113 Resp: 305647

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

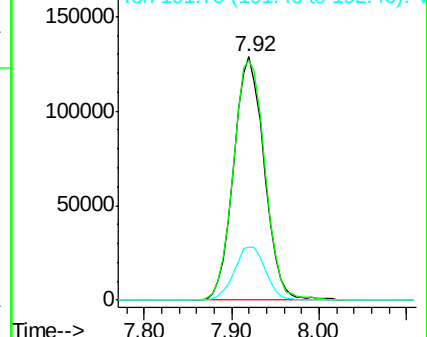
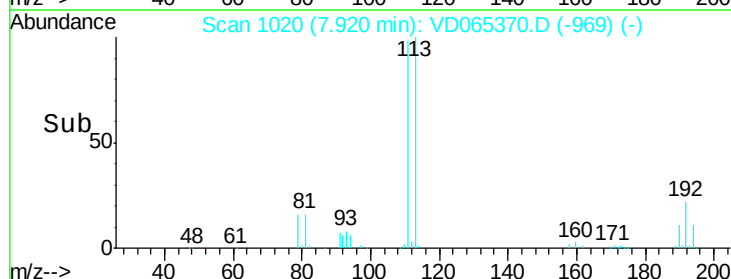
192 22.4 17.3 25.9

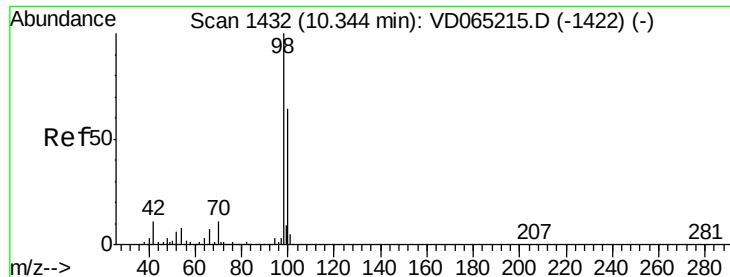


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

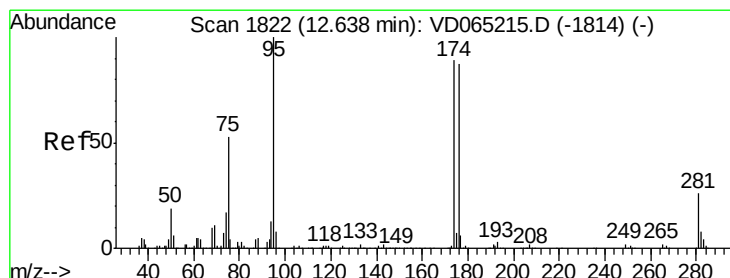
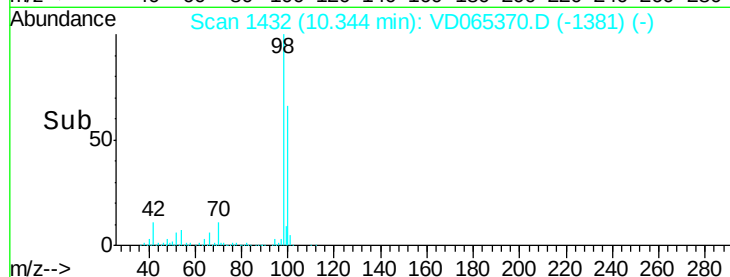
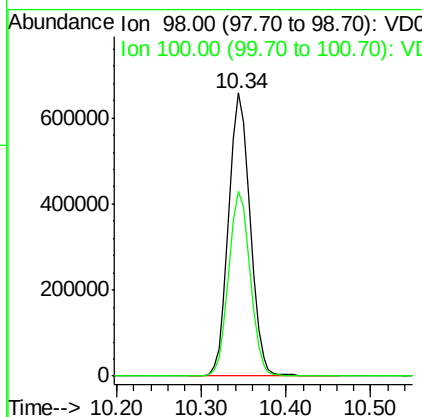
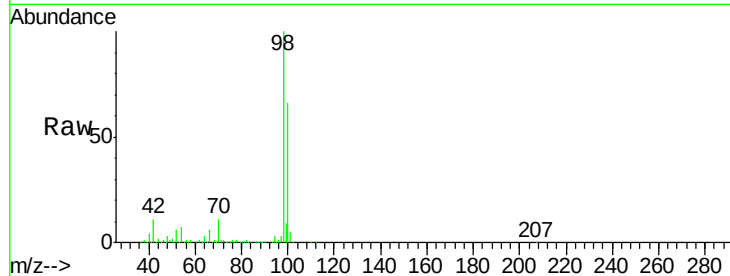




#50
Toluene-d8
Concen: 50.811 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

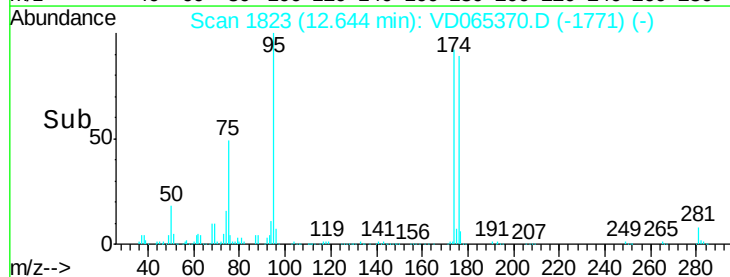
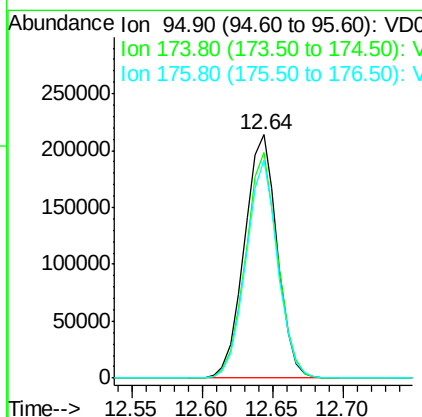
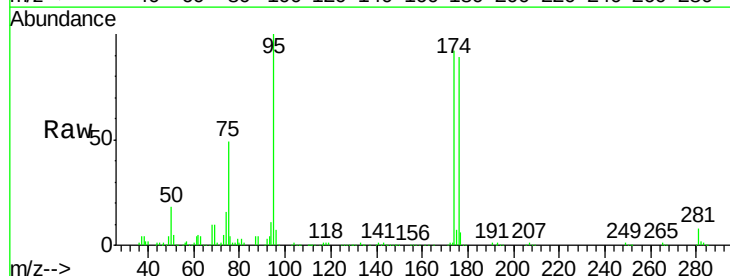
Instrument :
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ClientSampleId :
VD0302SBL01

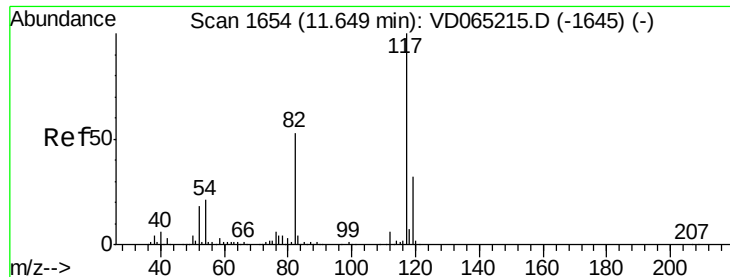
Tot Ion: 98 Resp: 115539
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.399 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

Tgt Ion: 95 Resp: 348682
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.0
176 86.6 0.0 174.4

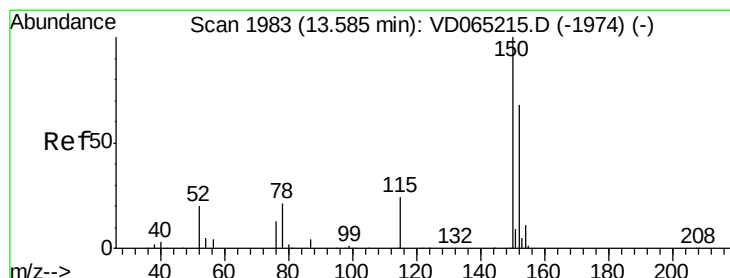
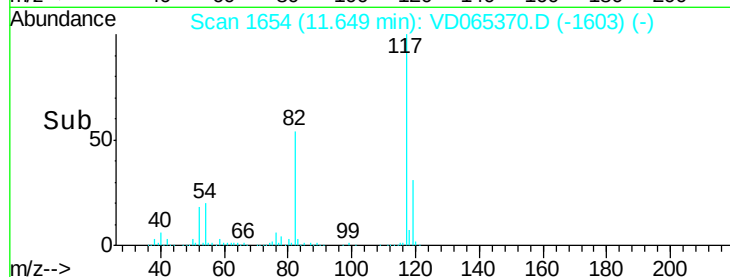
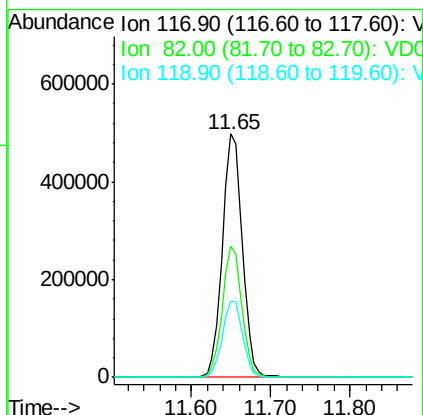
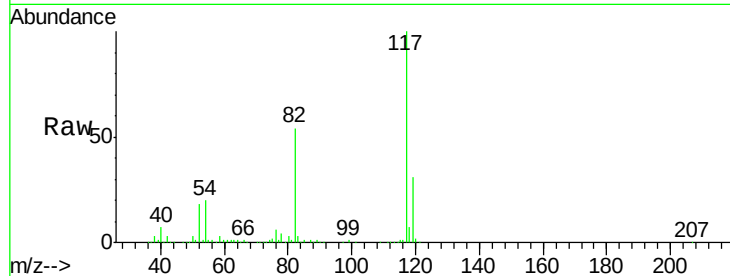




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065370.D
Acq: 02 Mar 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0302SBL01

Tot Ion:117 Resp: 867675
Ion Ratio Lower Upper
117 100
82 53.6 42.7 64.1
119 31.2 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: VD065370.D
Acq: 02 Mar 2020 10:44

Tgt Ion:152 Resp: 395645
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 156.0 0.0 347.4

