

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030220\
 Data File : VD065374.D
 Acq On : 02 Mar 2020 12:44
 Operator : VA/SY
 Sample : L1372-06
 Misc : 8.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-022820

Quant Time: Mar 02 13:27:06 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

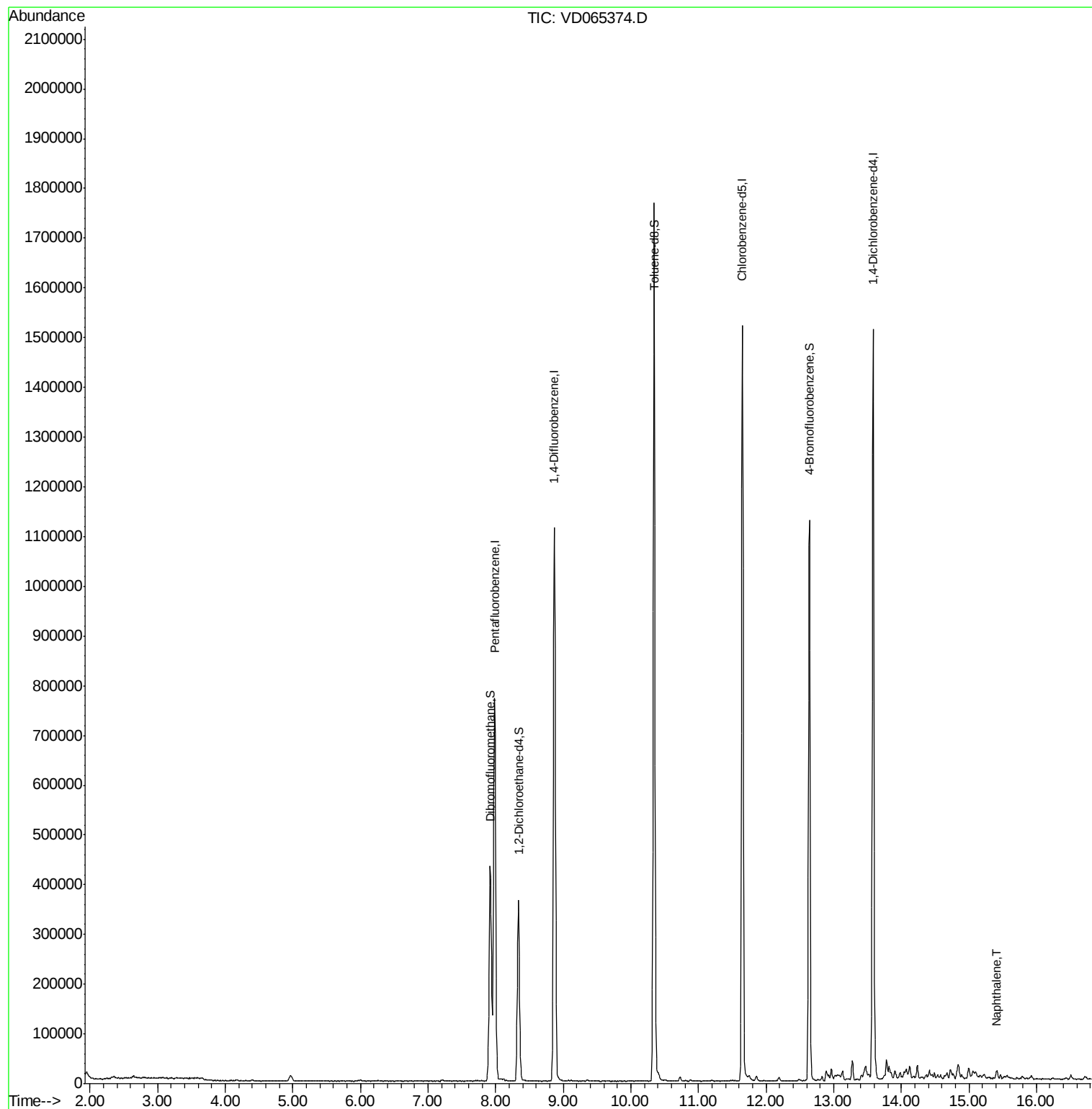
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	603351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	996562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	892092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	420201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	284042	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.92	113	311854	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.34	98	1188180	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.64	95	366471	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
95) Naphthalene	15.42	128	15640	1.283	ug/l	Qvalue 98

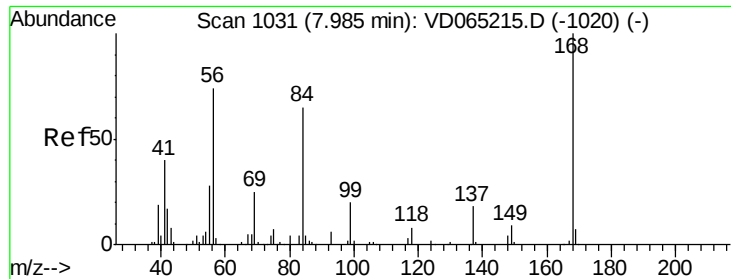
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065374.D

Acq: 02 Mar 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

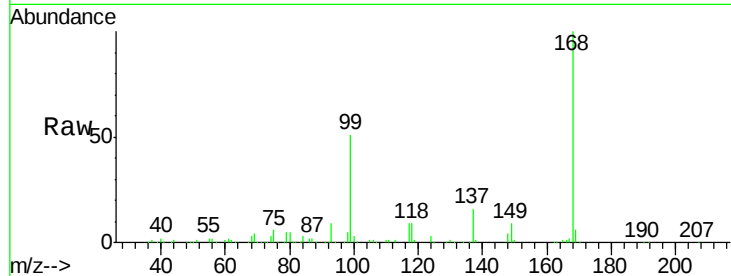
SU-03-022820

Tot Ion:168 Resp: 603351

Ion Ratio Lower Upper

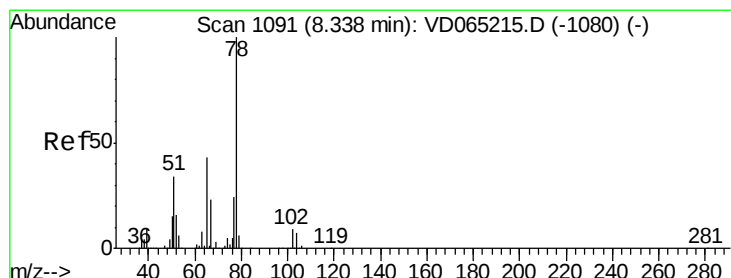
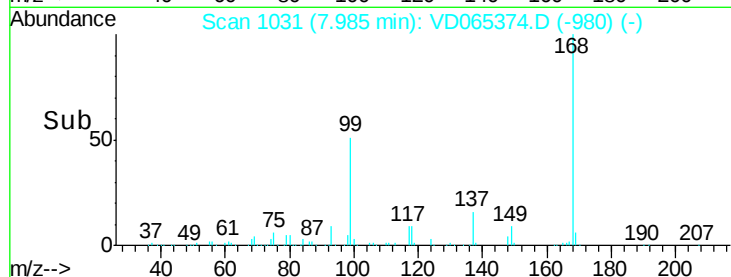
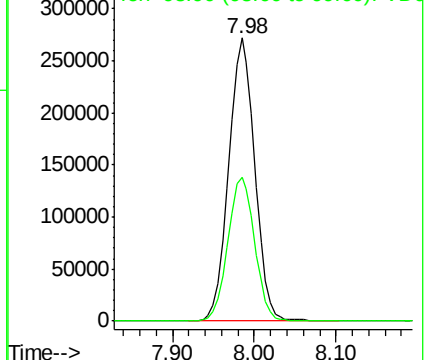
168 100

99 50.9 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: 52.331 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065374.D

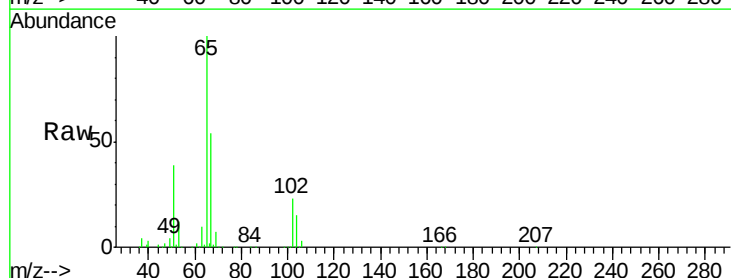
Acq: 02 Mar 2020 12:44

Tgt Ion: 65 Resp: 284042

Ion Ratio Lower Upper

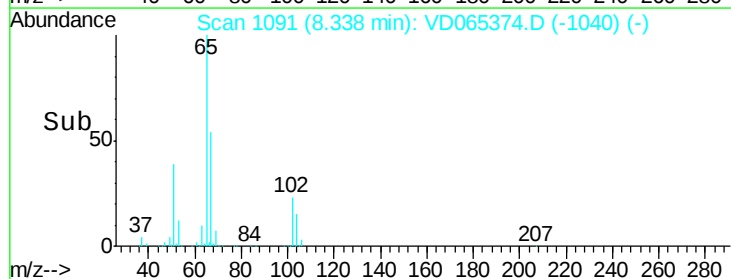
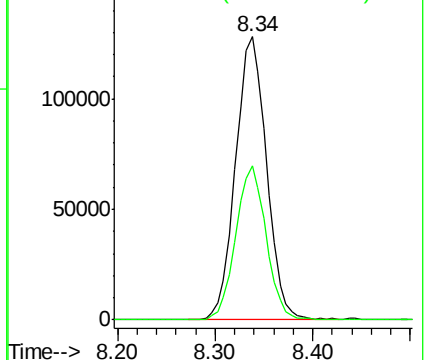
65 100

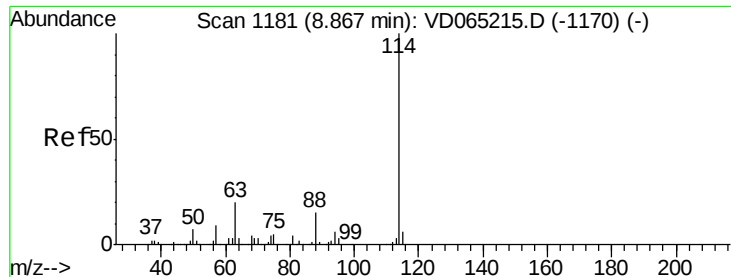
67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

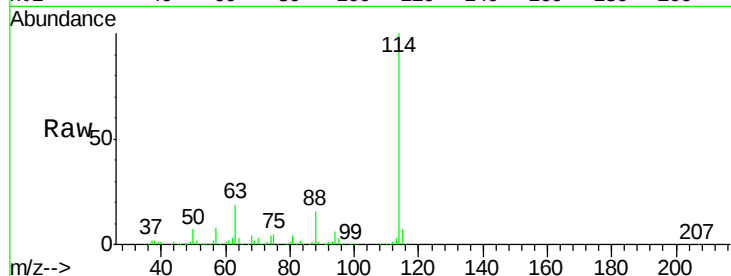




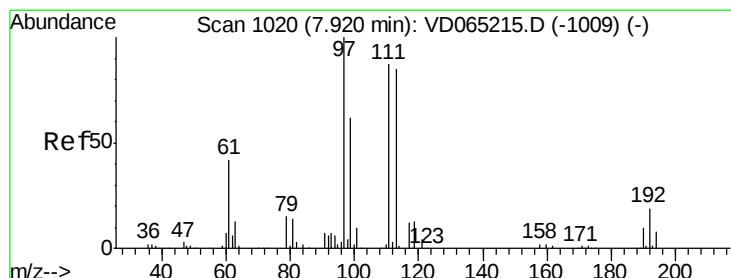
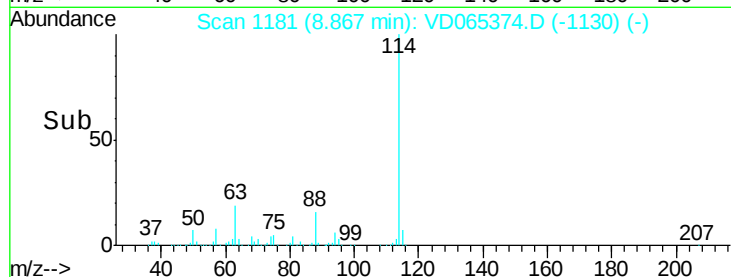
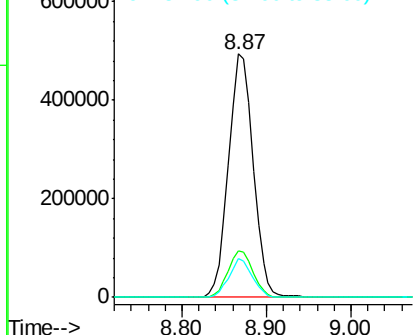
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065374.D
Acq: 02 Mar 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
SU-03-022820

Tot Ion:114 Resp: 996562
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.4
88 15.7 0.0 30.4

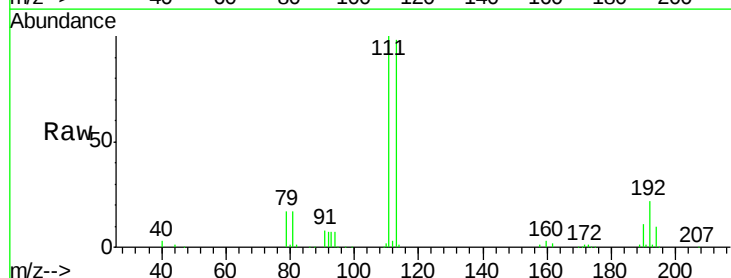


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

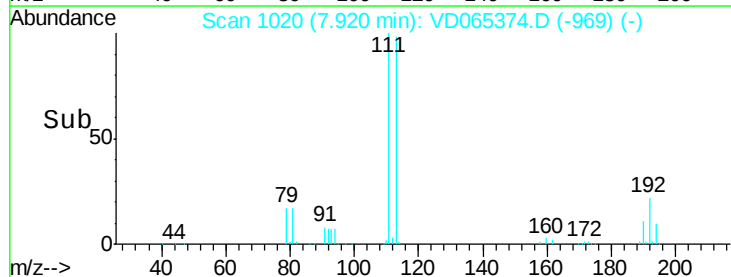
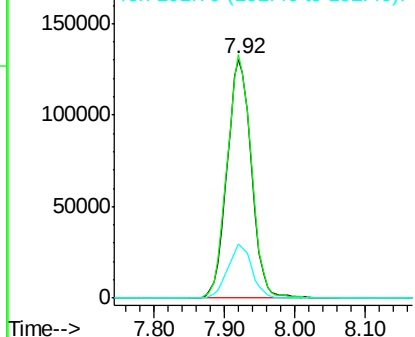


#35
Dibromofluoromethane
Concen: 51.322 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065374.D
Acq: 02 Mar 2020 12:44

Tgt Ion:113 Resp: 311854
Ion Ratio Lower Upper
113 100
111 101.6 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

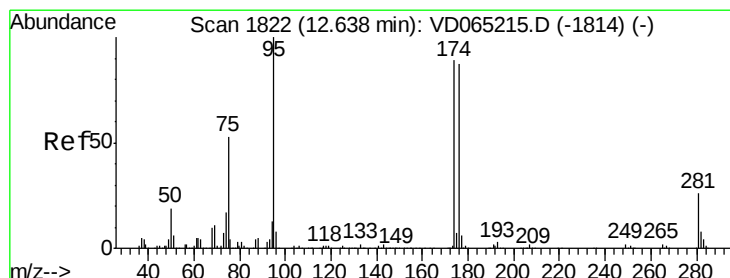
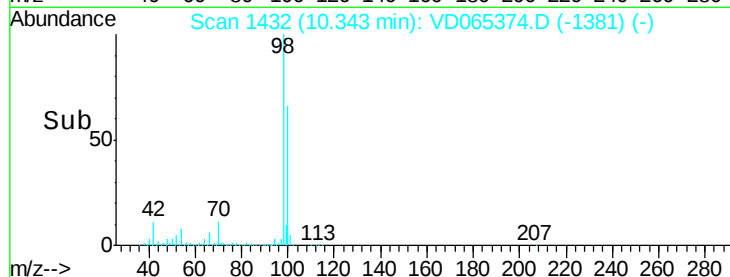
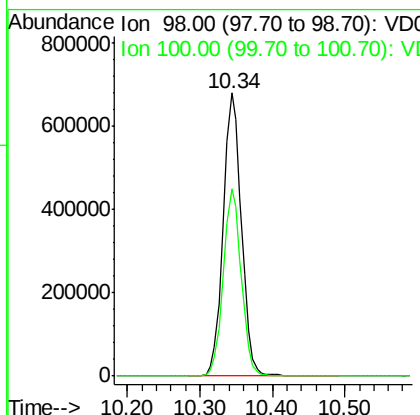
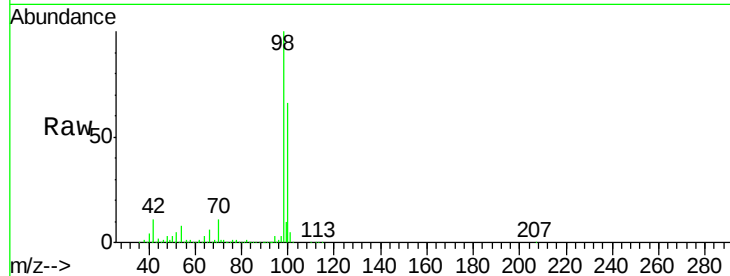




#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065374.D
Acq: 02 Mar 2020 12:44

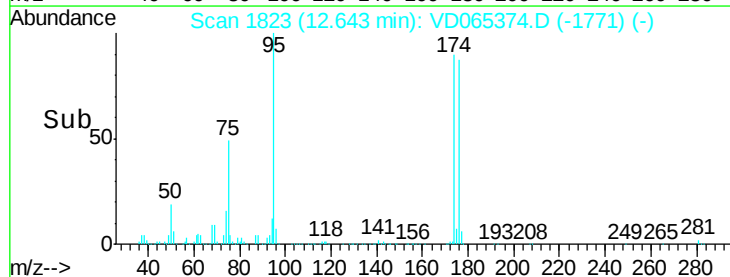
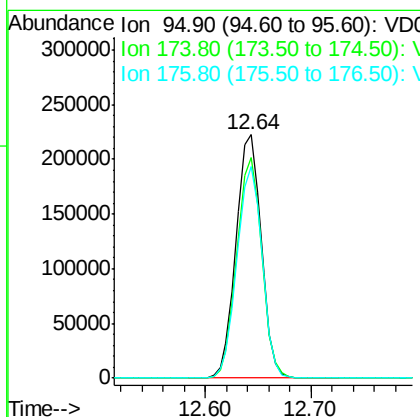
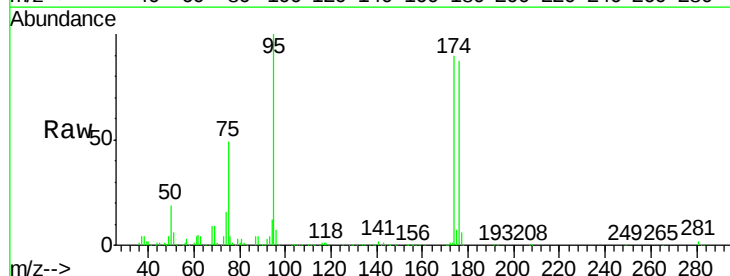
Instrument :
MSVOA_D
ClientSampleId :
SU-03-022820

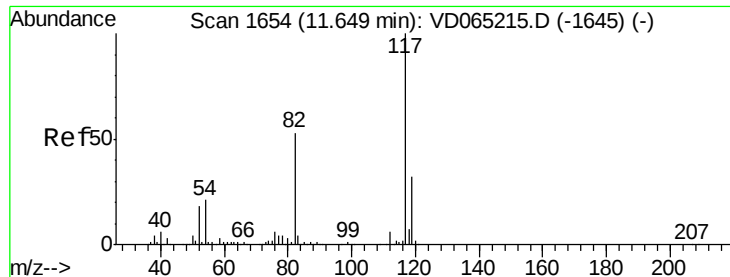
Tot Ion: 98 Resp: 1188180
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.799 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065374.D
Acq: 02 Mar 2020 12:44

Tgt Ion: 95 Resp: 366471
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.0
176 86.8 0.0 174.4

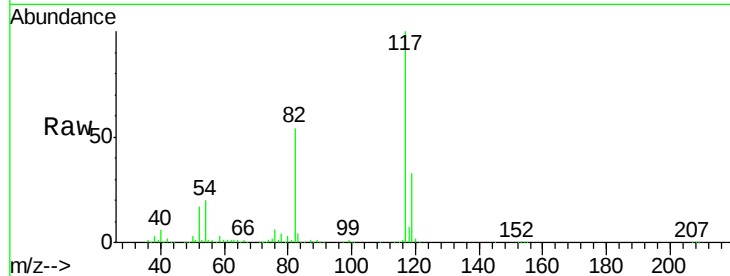




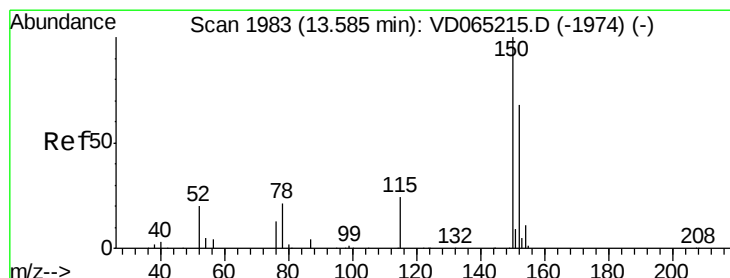
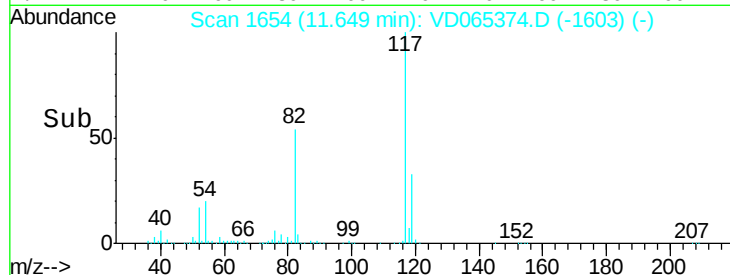
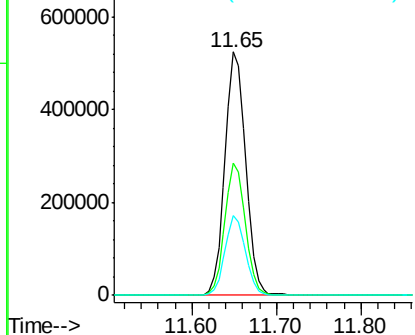
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065374.D
Acq: 02 Mar 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
SU-03-022820

Tot Ion:117 Resp: 892092
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 33.0 25.5 38.3

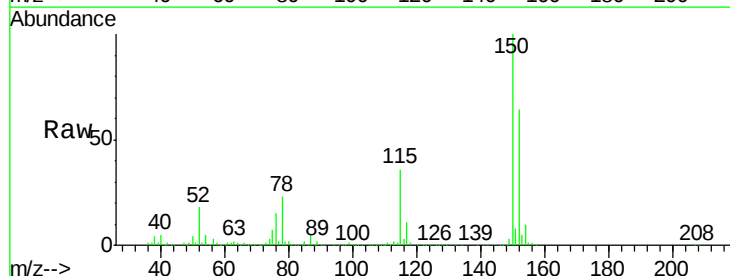


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

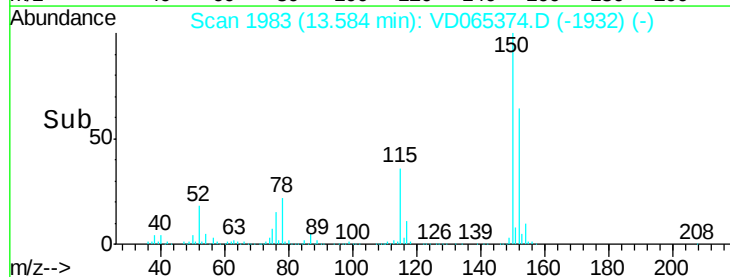
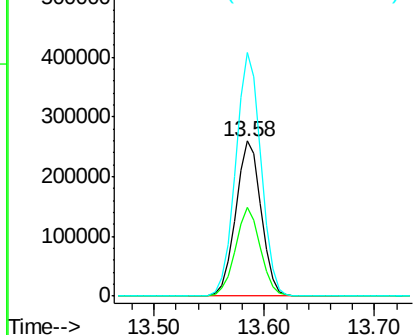


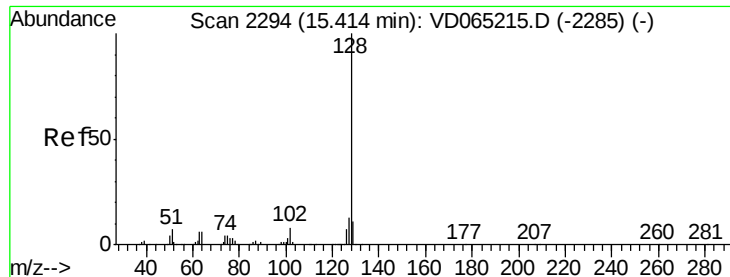
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065374.D
Acq: 02 Mar 2020 12:44

Tgt Ion:152 Resp: 420201
Ion Ratio Lower Upper
152 100
115 56.0 27.6 82.8
150 156.1 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





#95

Naphthalene

Concen: 1.283 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD065374.D

Acq: 02 Mar 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

SU-03-022820

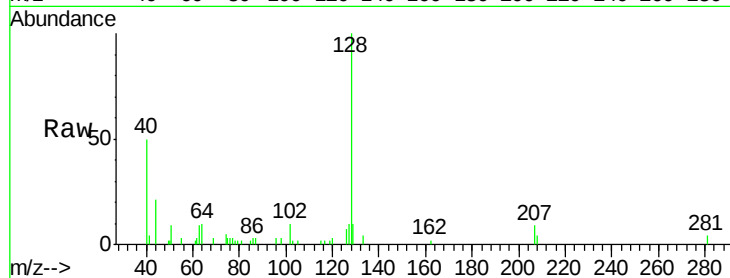
Tot Ion:128 Resp: 15640

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 12.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

