

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022520\
 Data File : VD065313.D
 Acq On : 25 Feb 2020 17:26
 Operator : VA/SY
 Sample : L1681-02RE
 Misc : 7.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-BORING-2RE

Quant Time: Feb 26 00:00:29 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

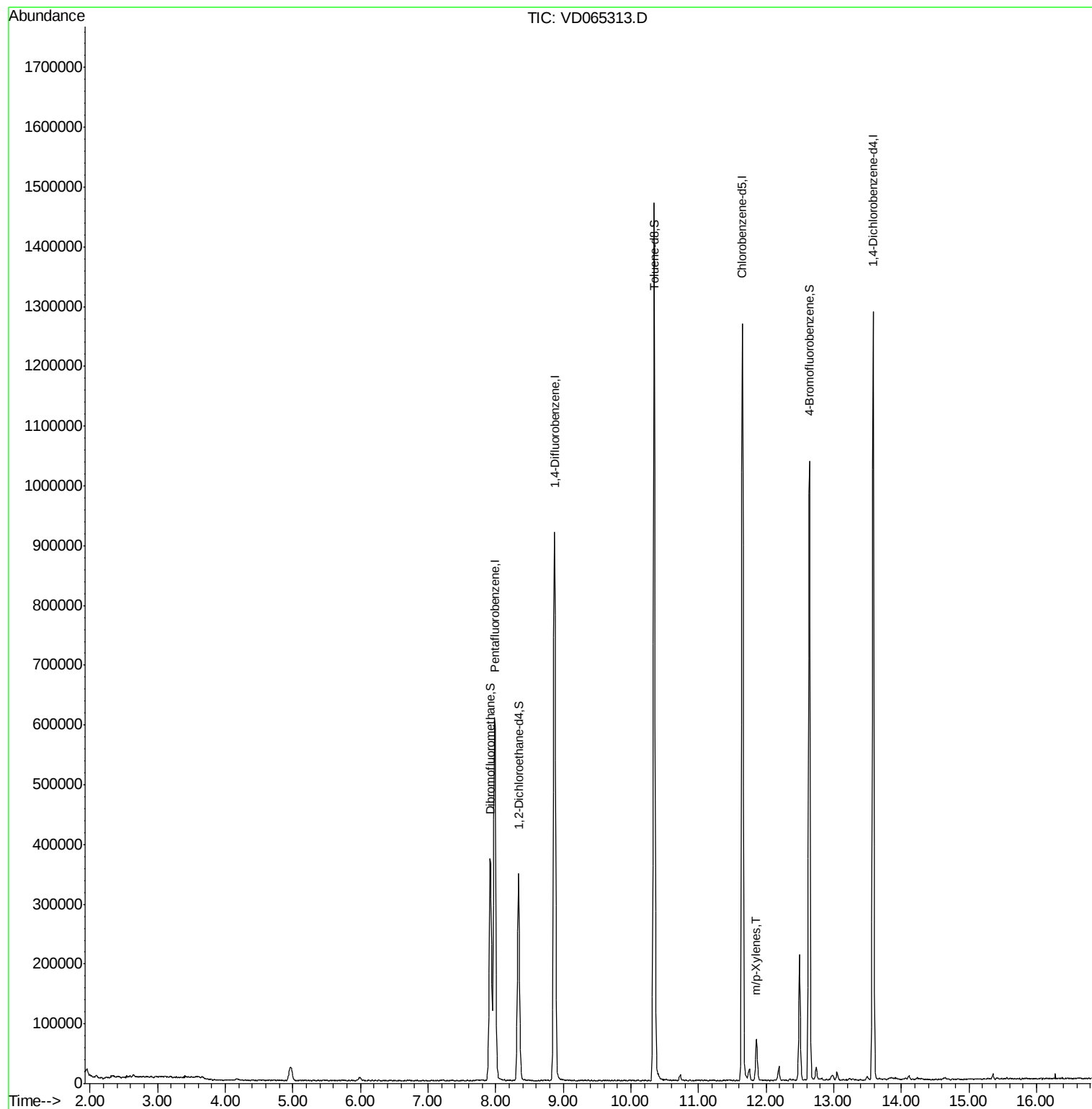
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	833146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	758265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	354409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268082	62.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.34%	
35) Dibromofluoromethane	7.92	113	271721	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	10.34	98	1007748	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.64	95	330618	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
Target Compounds						
68) m/p-Xylenes	11.86	106	21513	2.110	ug/l	Qvalue 95

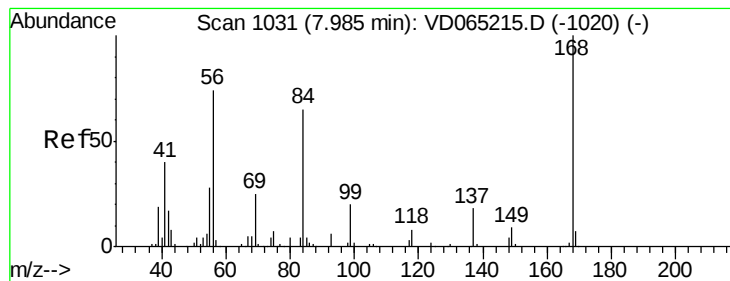
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065313.D

Acq: 25 Feb 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

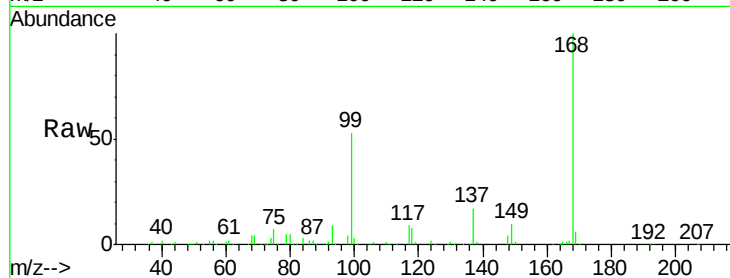
SH-BORING-2RE

Tot Ion:168 Resp: 479299

Ion Ratio Lower Upper

168 100

99 52.7 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

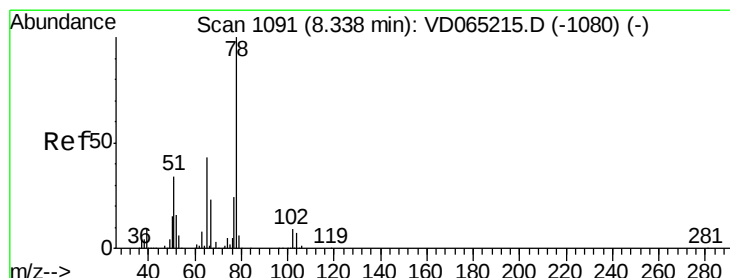
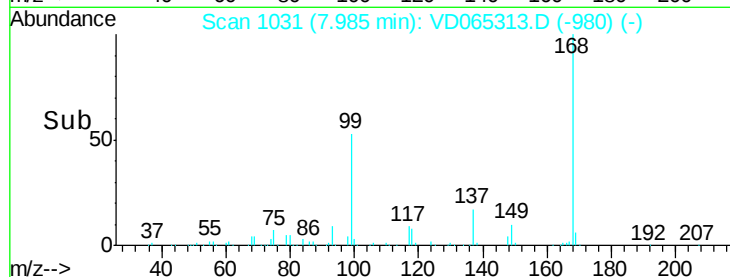
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.174 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065313.D

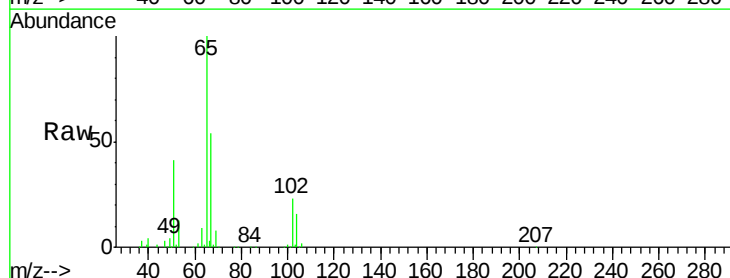
Acq: 25 Feb 2020 17:26

Tgt Ion: 65 Resp: 268082

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

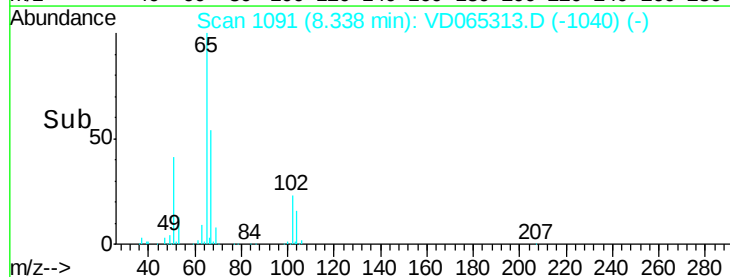
8.34

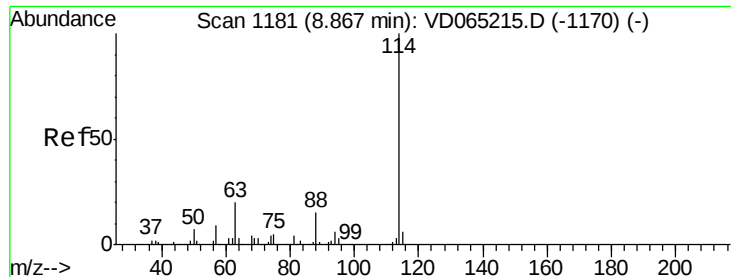
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Time-->

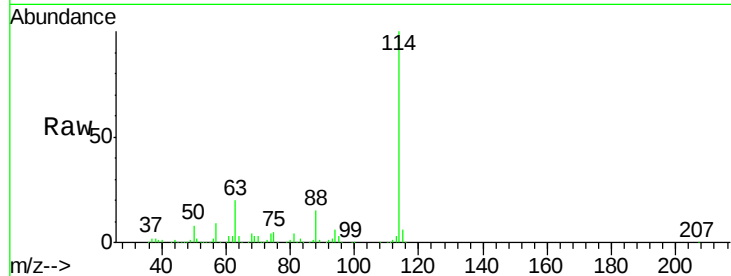




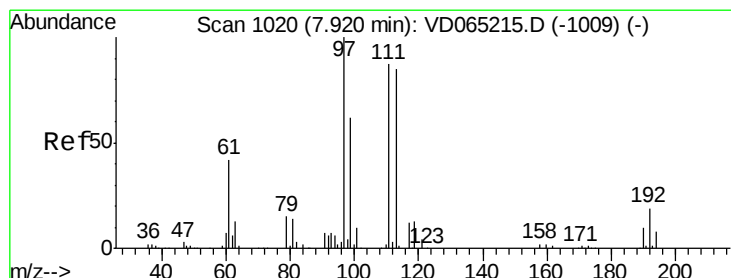
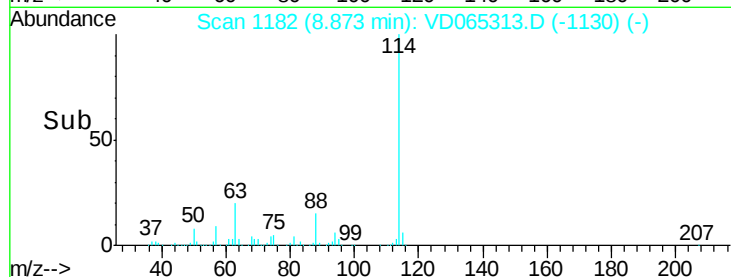
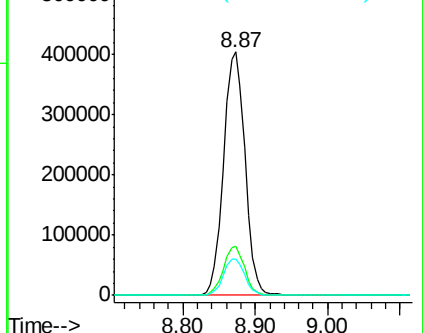
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD065313.D
Acq: 25 Feb 2020 17:26

Instrument :
MSVOA_D
ClientSampleId :
SH-BORING-2RE

Tot Ion:114 Resp: 833146
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.4
88 15.0 0.0 30.4

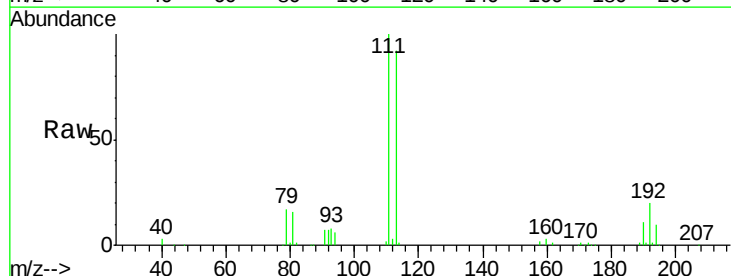


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

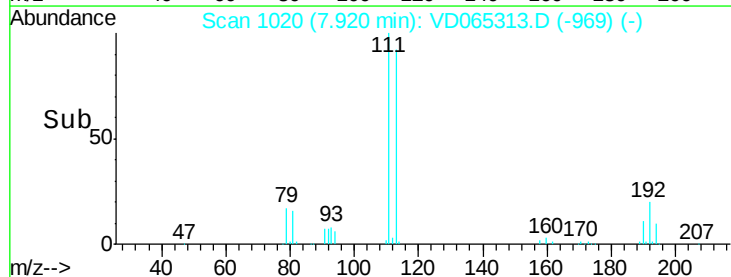
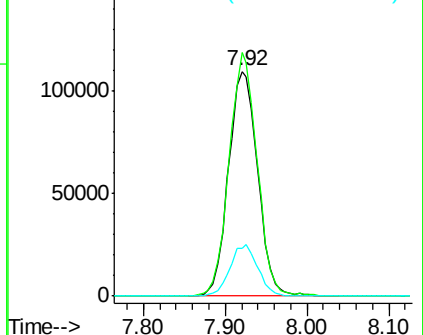


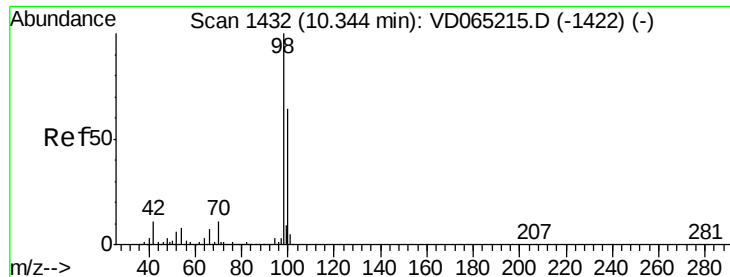
#35
Dibromofluoromethane
Concen: 53.488 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065313.D
Acq: 25 Feb 2020 17:26

Tgt Ion:113 Resp: 271721
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 21.8 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

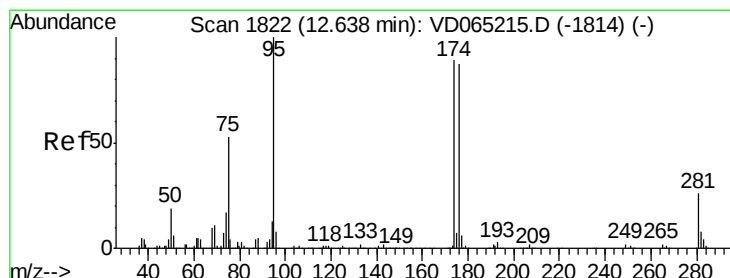
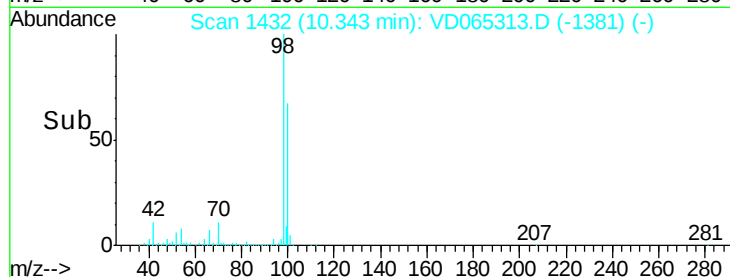
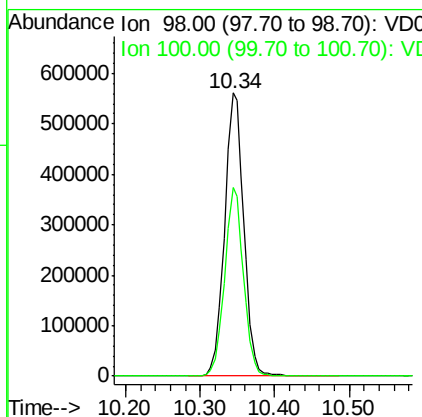
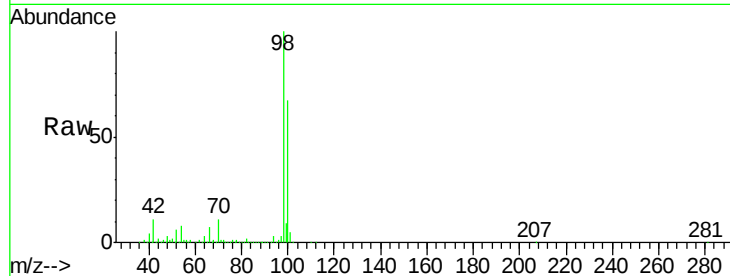




#50
Toluene-d8
Concen: 51.891 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065313.D
Acq: 25 Feb 2020 17:26

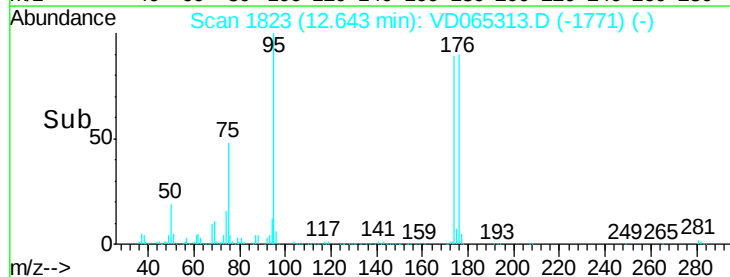
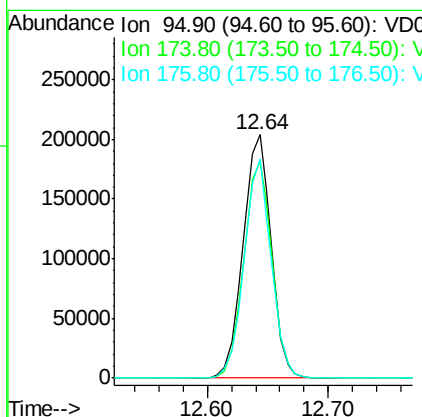
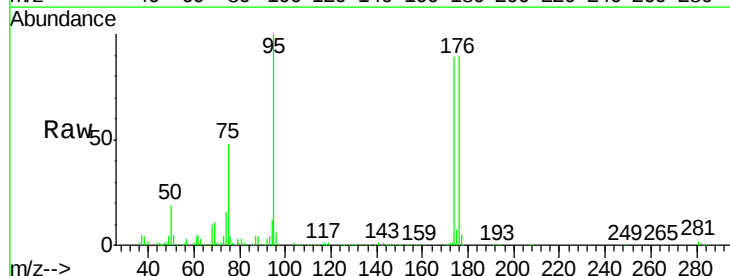
Instrument :
MSVOA_D
ClientSampleId :
SH-BORING-2RE

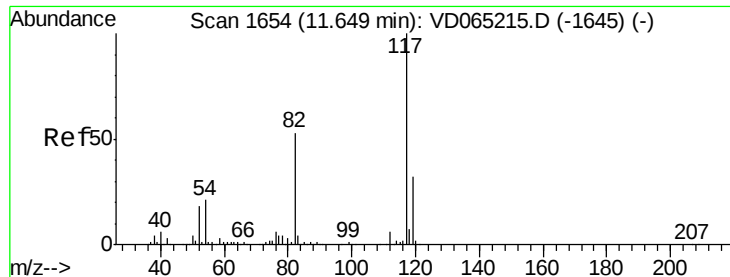
Tot Ion: 98 Resp: 1007748
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.739 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065313.D
Acq: 25 Feb 2020 17:26

Tgt Ion: 95 Resp: 330618
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.0
176 86.6 0.0 174.4

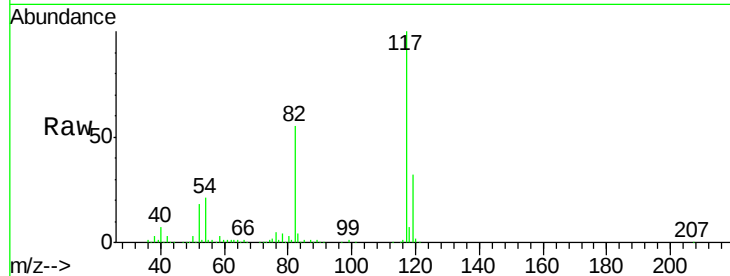




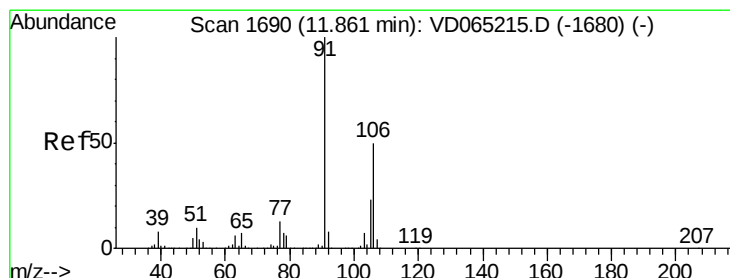
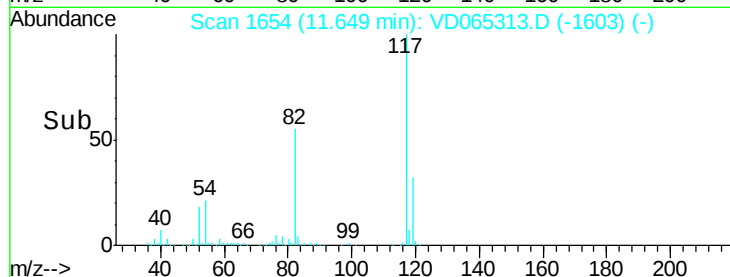
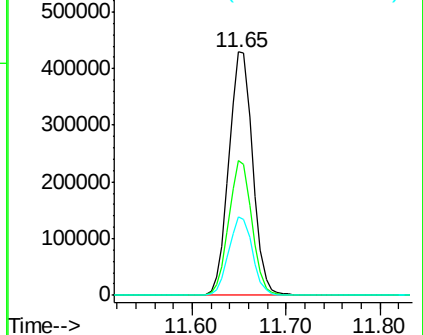
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065313.D
Acq: 25 Feb 2020 17:26

Instrument :
MSVOA_D
ClientSampleId :
SH-BORING-2RE

Tot Ion:117 Resp: 758265
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.3 25.5 38.3

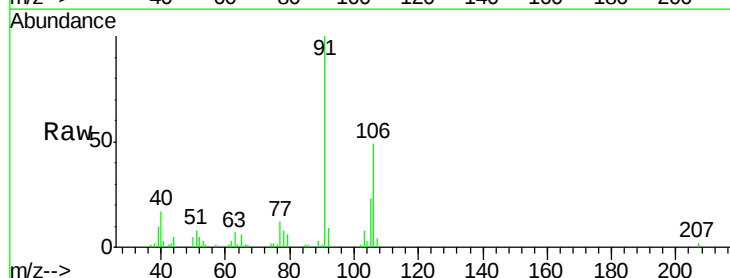


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

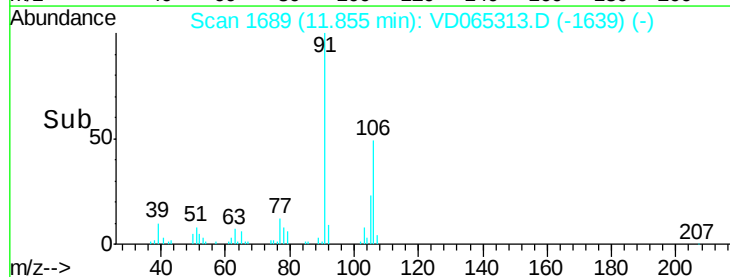
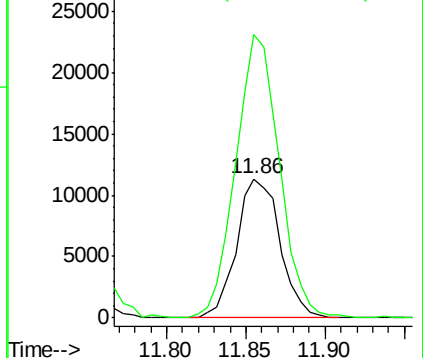


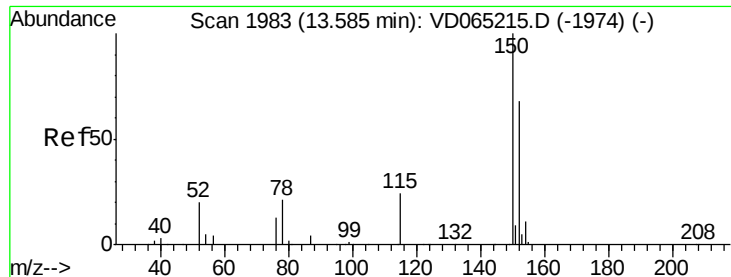
#68
m/p-Xylenes
Concen: 2.110 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065313.D
Acq: 25 Feb 2020 17:26

Tgt Ion:106 Resp: 21513
Ion Ratio Lower Upper
106 100
91 204.8 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): 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: VD065313.D

Acq: 25 Feb 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

SH-BORING-2RE

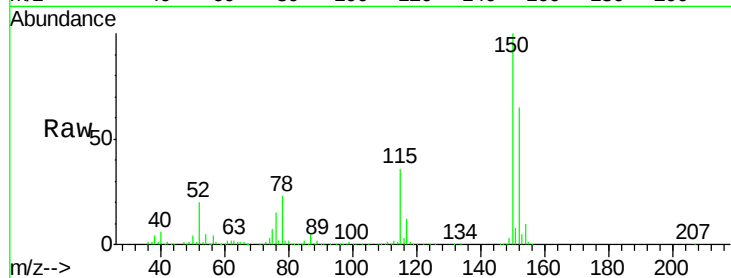
Tot Ion:152 Resp: 354409

Ion Ratio Lower Upper

152 100

115 54.8 27.6 82.8

150 155.1 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

