

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065646.D
 Acq On : 17 Apr 2020 15:58
 Operator : VA/SY
 Sample : L2327-02
 Misc : 6.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S2

Quant Time: Apr 20 07:24:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	222198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112742	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	
35) Dibromofluoromethane	7.92	113	118633	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.34	98	433557	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.64	95	137057	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

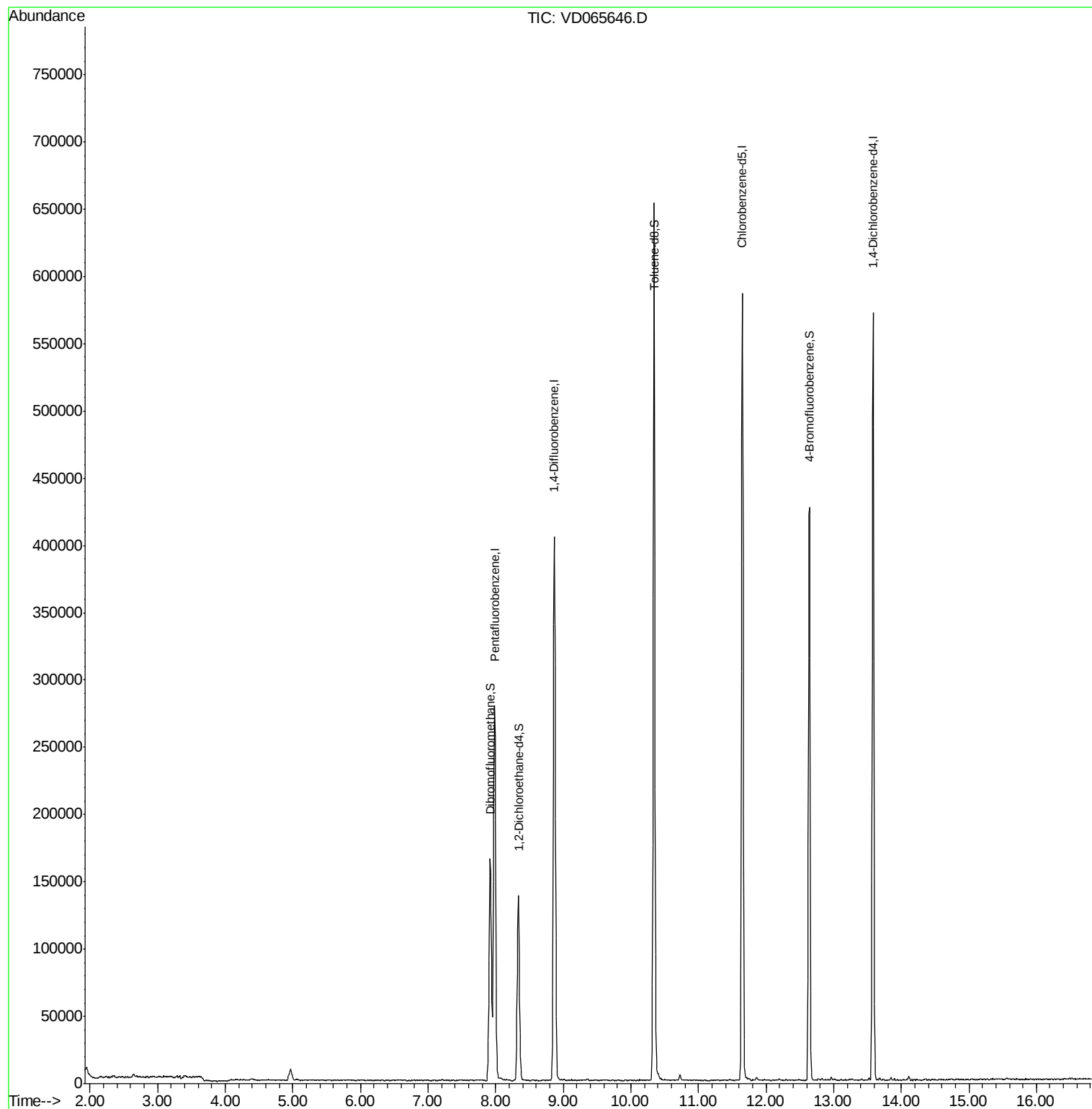
Target Compounds	Qvalue

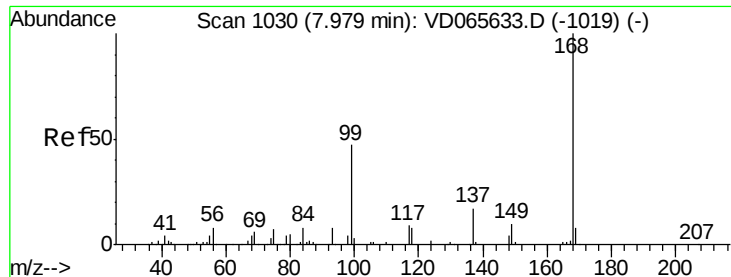
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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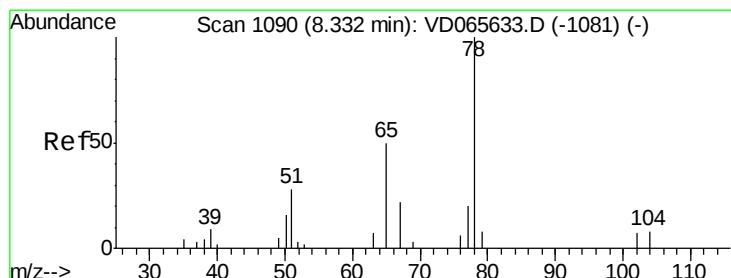
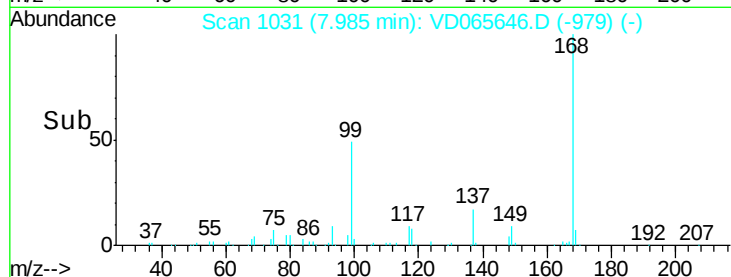
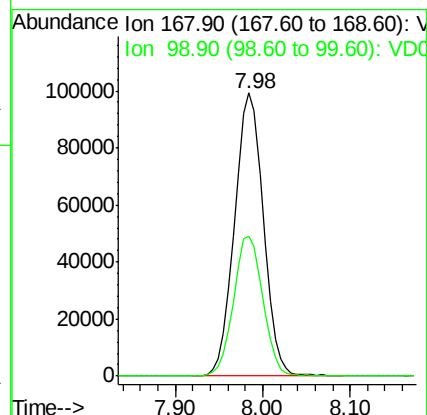
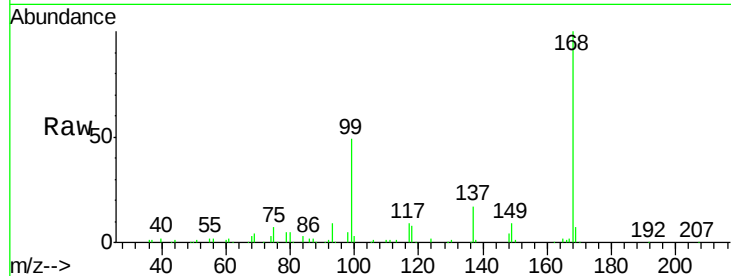




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD065646.D
Acq: 17 Apr 2020 15:58

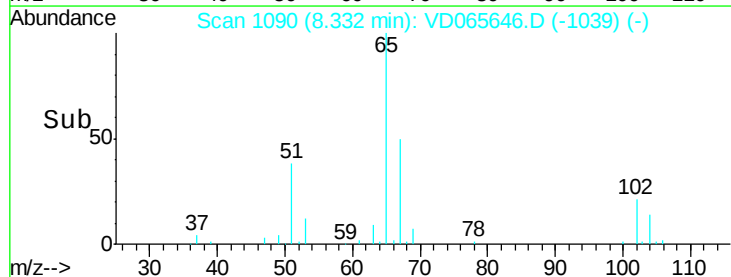
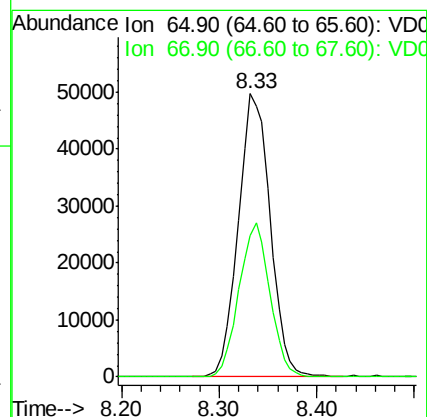
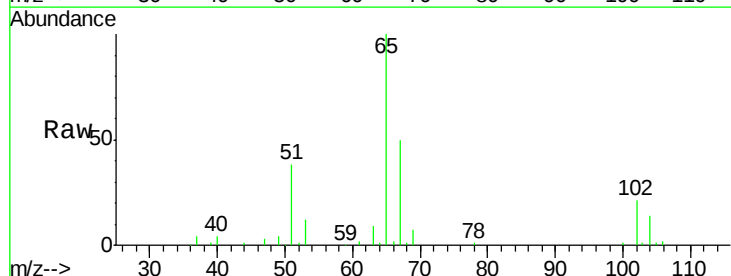
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

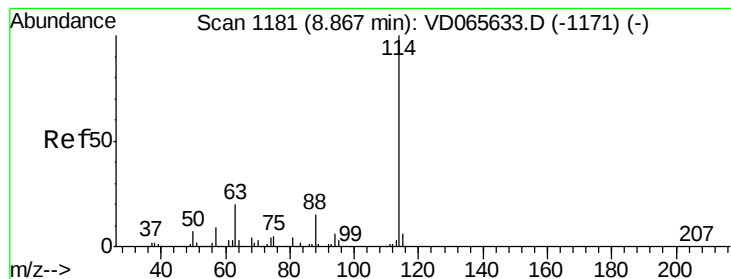
Tot Ion:168 Resp: 222198
Ion Ratio Lower Upper
168 100
99 49.5 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 59.645 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065646.D
Acq: 17 Apr 2020 15:58

Tgt Ion: 65 Resp: 112742
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065646.D

Acq: 17 Apr 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

TP-1-S2

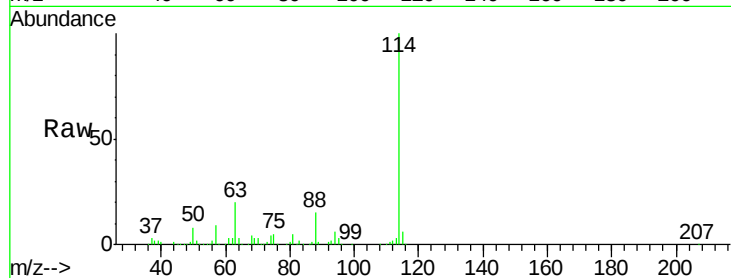
Tot Ion:114 Resp: 354768

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.0 0.0 31.6



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

200000

150000

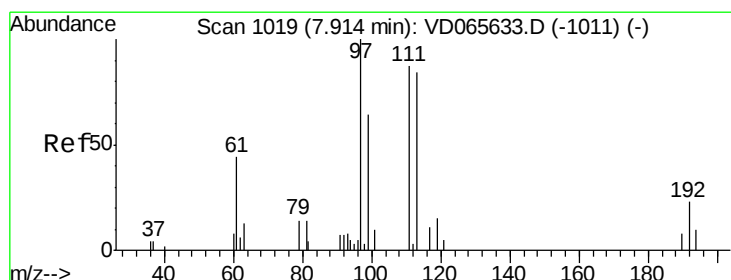
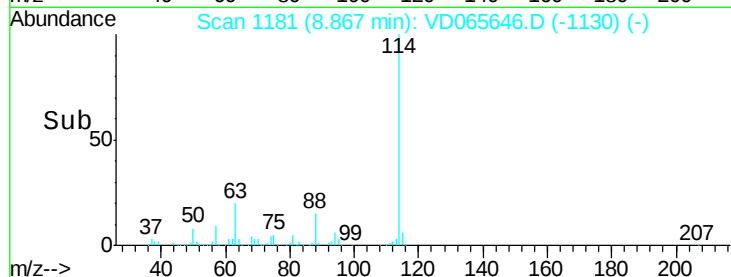
100000

50000

0

8.87

8.70 8.80 8.90 9.00 9.10



#35

Dibromofluoromethane

Concen: 53.729 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065646.D

Acq: 17 Apr 2020 15:58

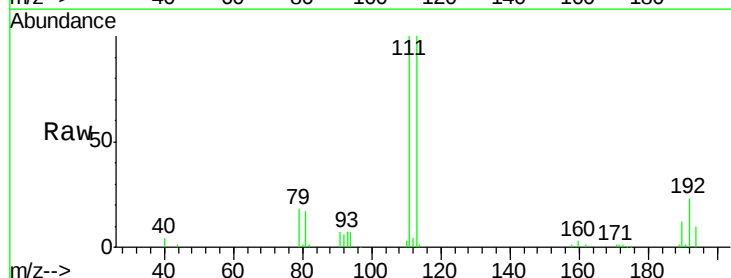
Tgt Ion:113 Resp: 118633

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 23.1 18.9 28.3



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

60000

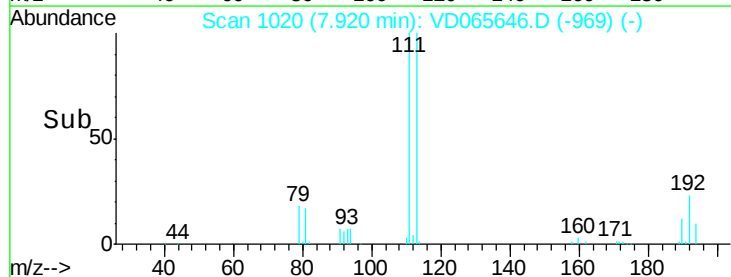
40000

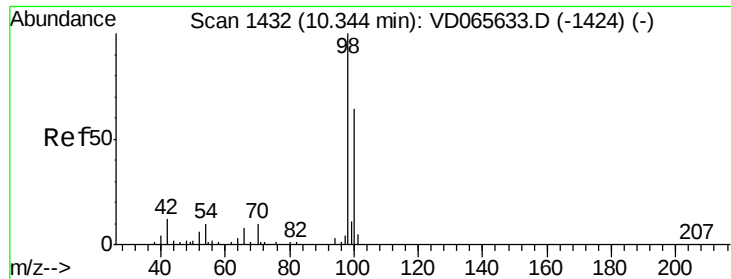
20000

0

7.92

7.80 7.90 8.00

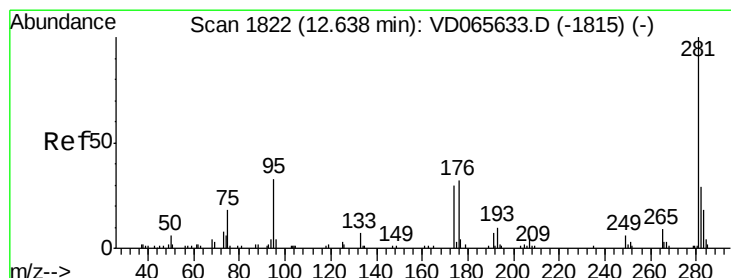
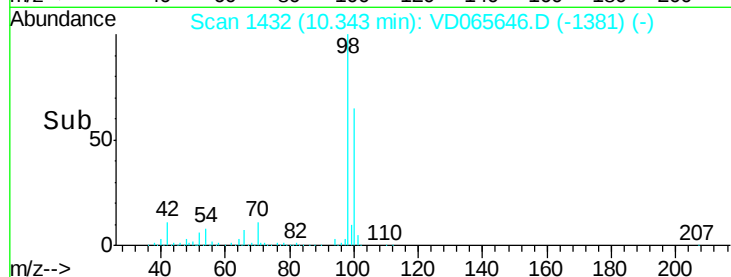
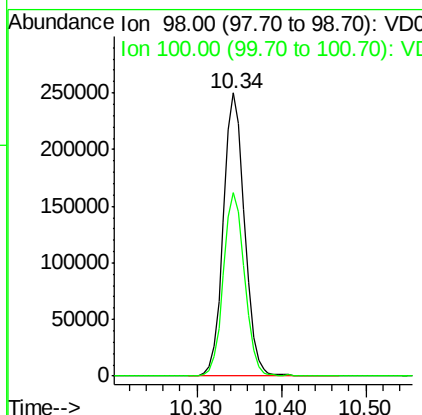
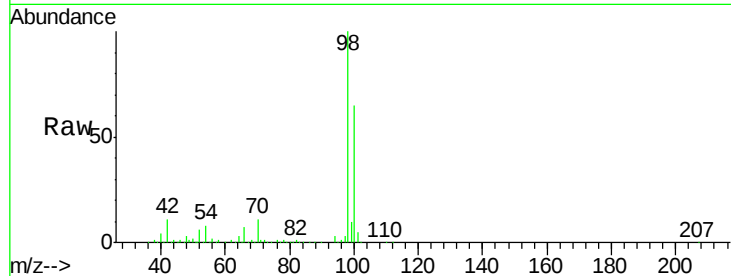




#50
Toluene-d8
Concen: 53.266 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065646.D
Acq: 17 Apr 2020 15:58

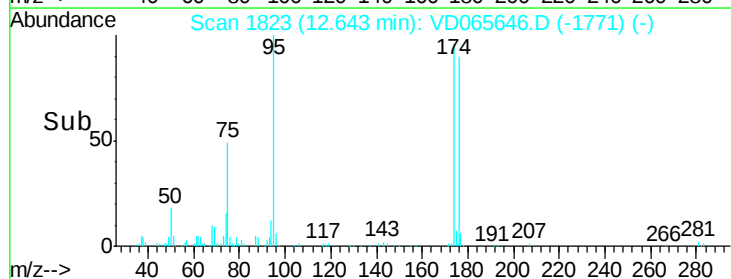
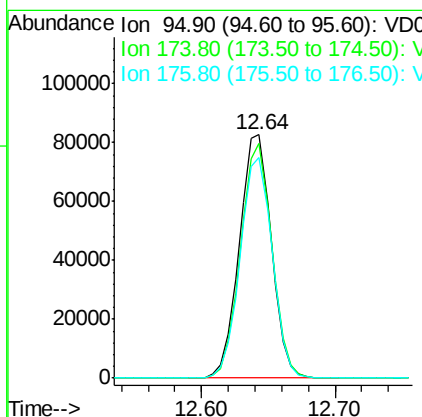
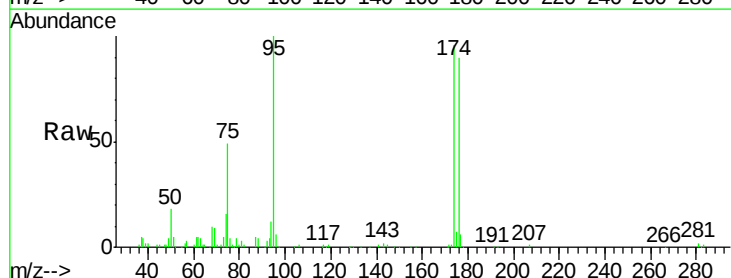
Instrument :
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TP-1-S2

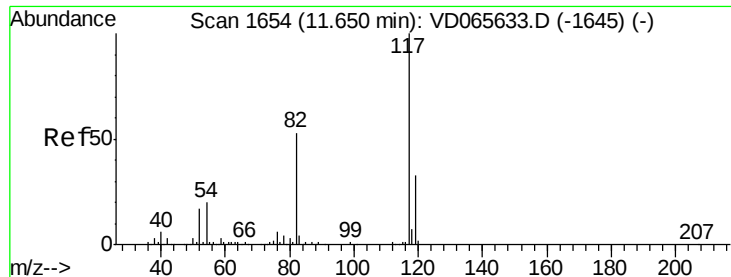
Tot Ion: 98 Resp: 43357
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.605 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065646.D
Acq: 17 Apr 2020 15:58

Tgt Ion: 95 Resp: 137057
Ion Ratio Lower Upper
95 100
174 94.1 0.0 183.8
176 90.6 0.0 181.4

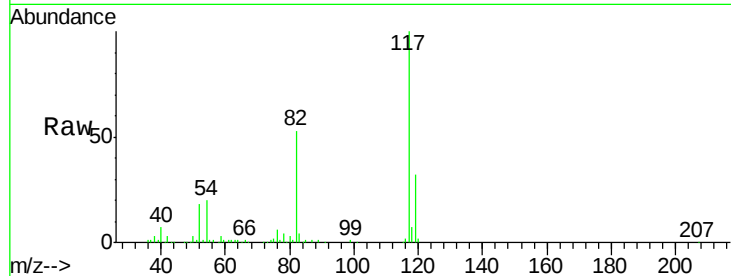




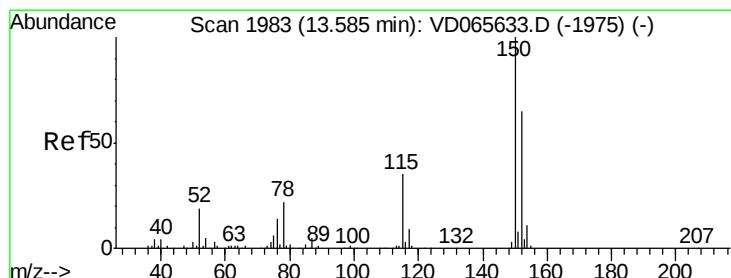
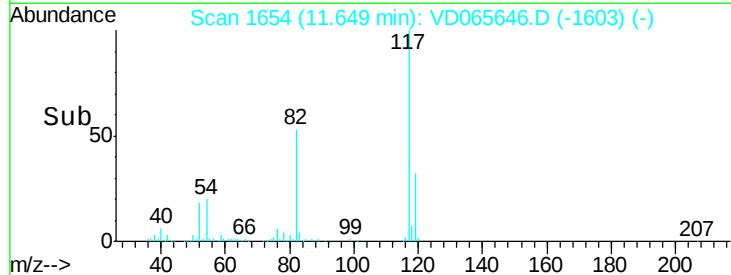
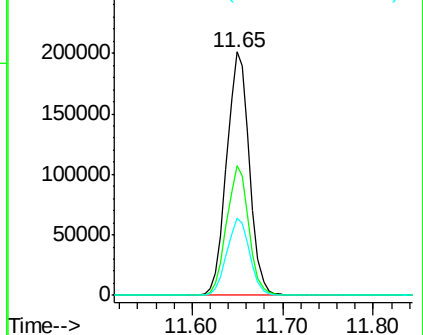
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065646.D
Acq: 17 Apr 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Tot Ion:117 Resp: 349135
Ion Ratio Lower Upper
117 100
82 53.0 43.2 64.8
119 31.8 26.2 39.4

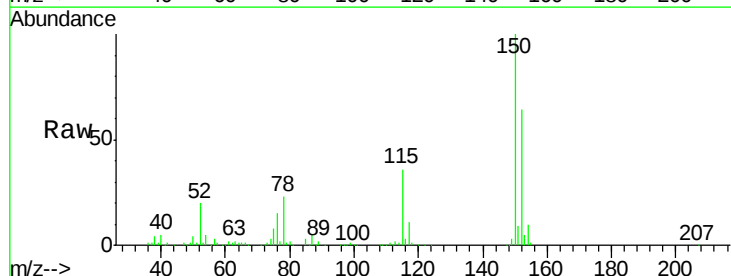


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065646.D
Acq: 17 Apr 2020 15:58

Tgt Ion:152 Resp: 161193
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.7
150 154.9 0.0 346.0



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

