

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066111.D
 Acq On : 30 Jul 2020 15:08
 Operator : VA/SY
 Sample : L3494-03
 Misc : 7.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-03-2-3

Quant Time: Jul 31 03:13:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	252430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	398758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	442365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238305	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113079	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.91	113	121279	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.34	98	488210	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.64	95	209187	66.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.92%	

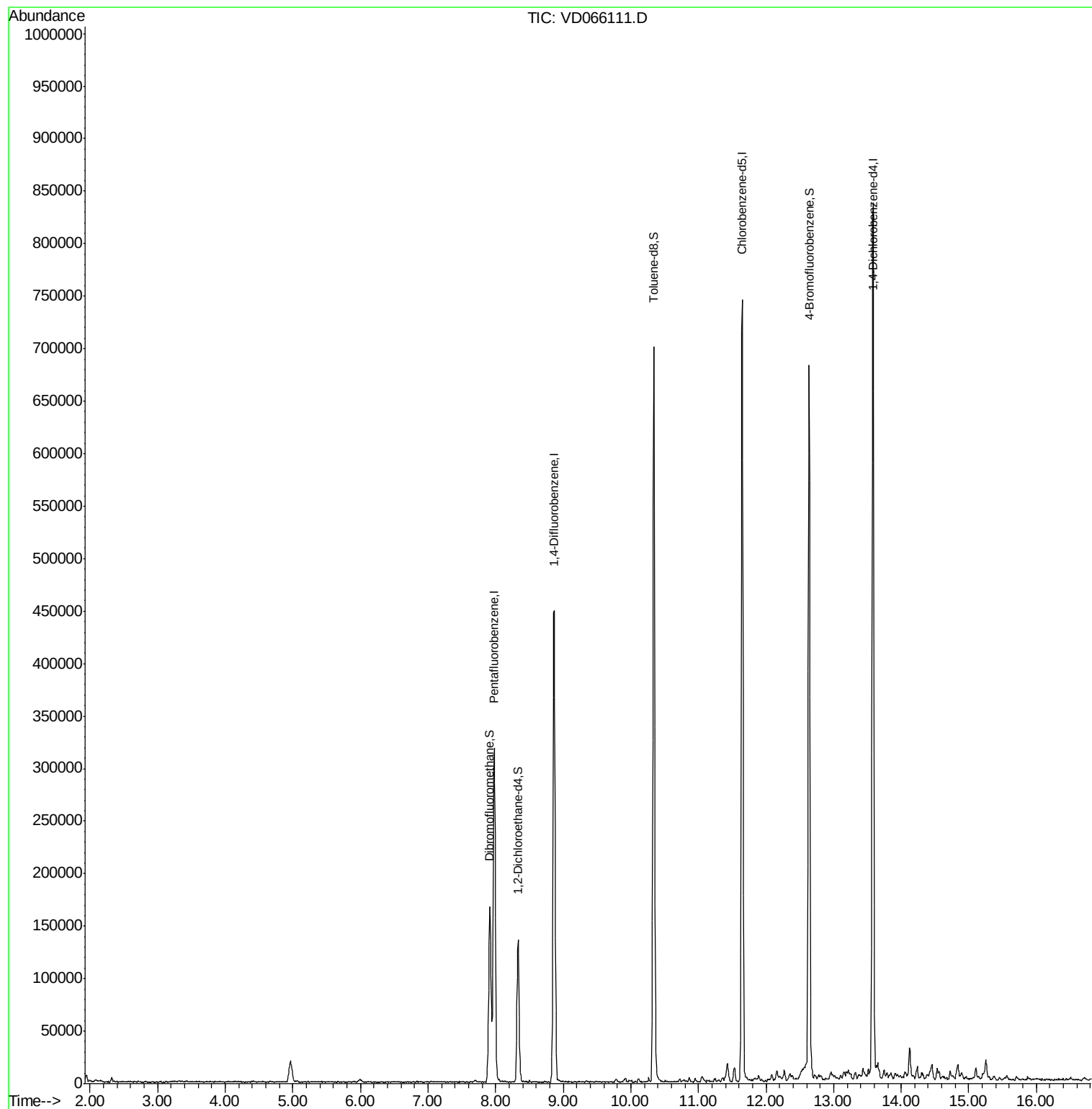
Target Compounds	Qvalue

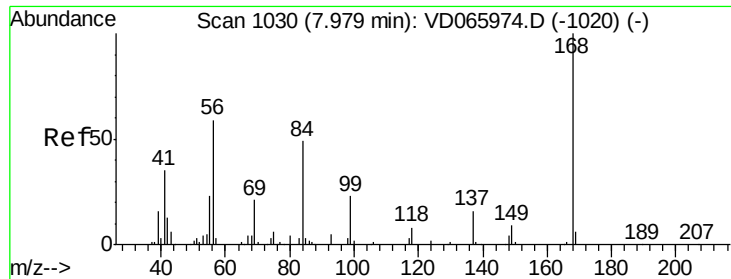
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

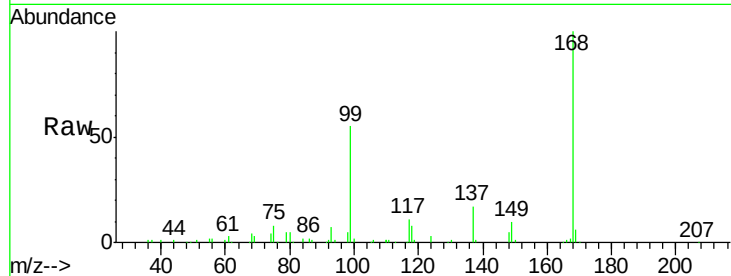
JTY1-SB-03-2-3

Tot Ion:168 Resp: 252430

Ion Ratio Lower Upper

168 100

99 55.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

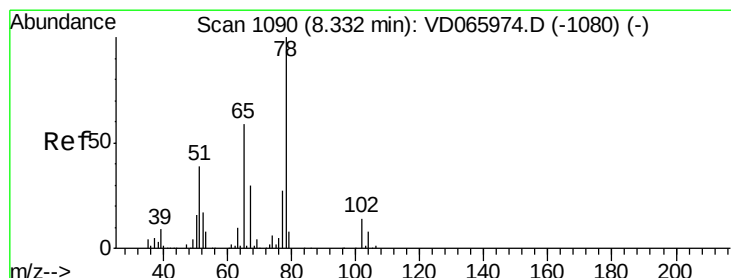
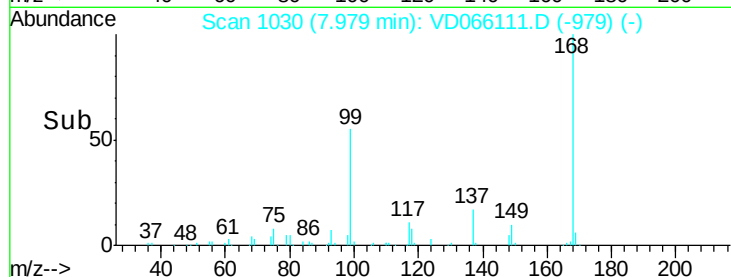
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.053 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066111.D

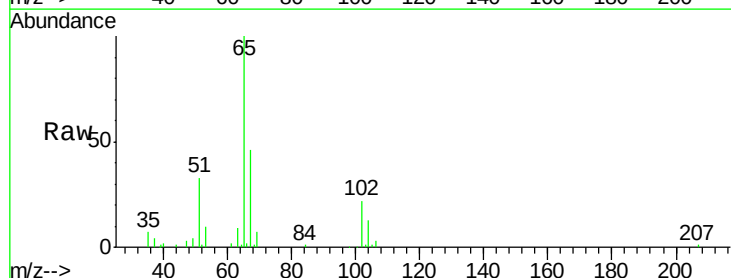
Acq: 30 Jul 2020 15:08

Tgt Ion: 65 Resp: 113079

Ion Ratio Lower Upper

65 100

67 48.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

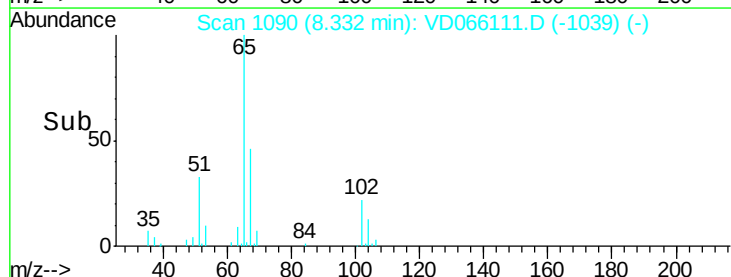
30000

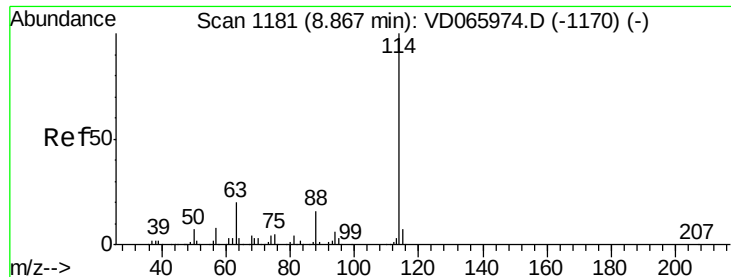
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-03-2-3

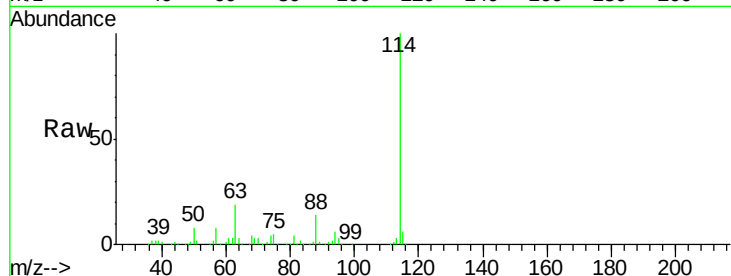
Tot Ion:114 Resp: 398758

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

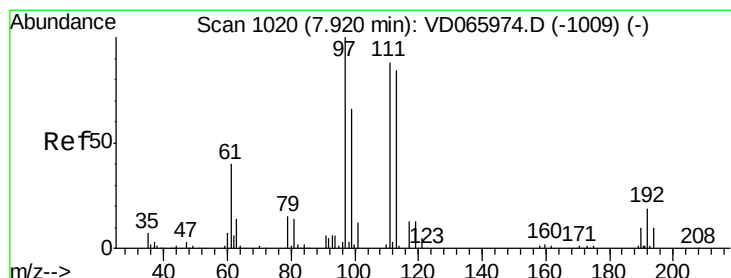
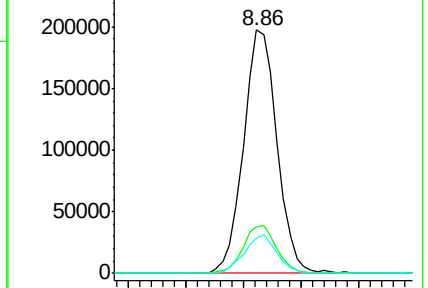
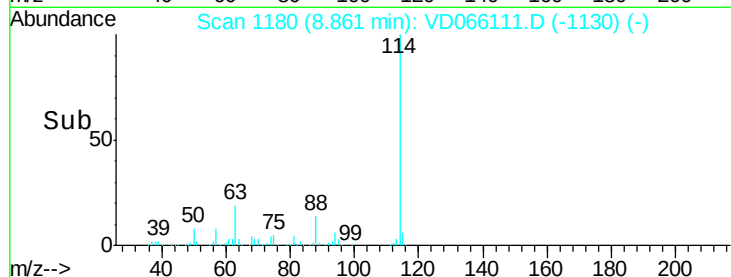
88 14.1 0.0 31.2



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: 50.144 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066111.D

Acq: 30 Jul 2020 15:08

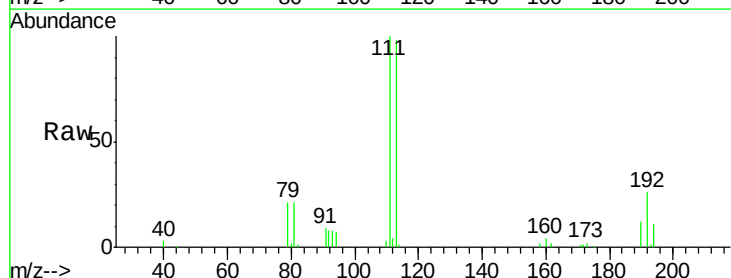
Tgt Ion:113 Resp: 121279

Ion Ratio Lower Upper

113 100

111 101.9 83.2 124.8

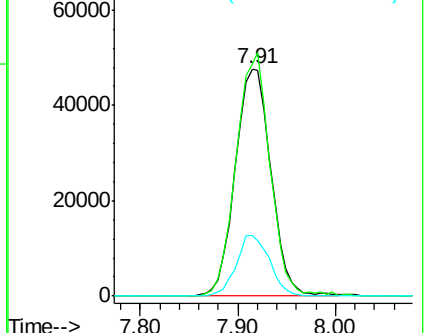
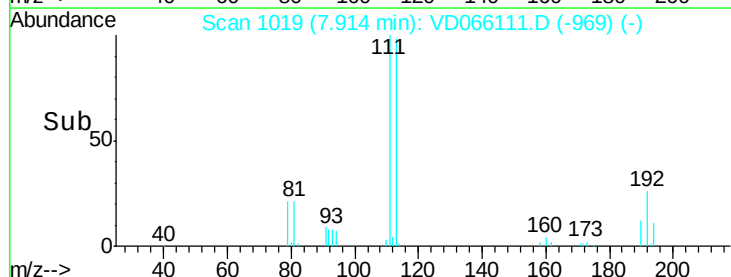
192 24.9 18.7 28.1

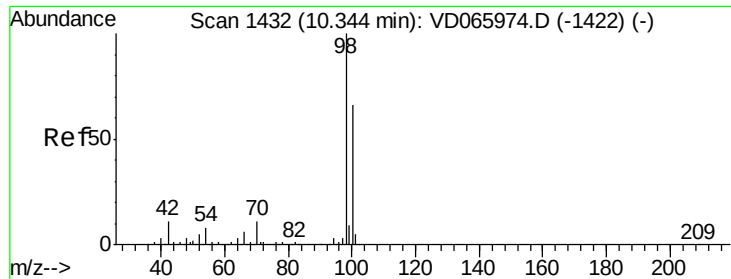


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

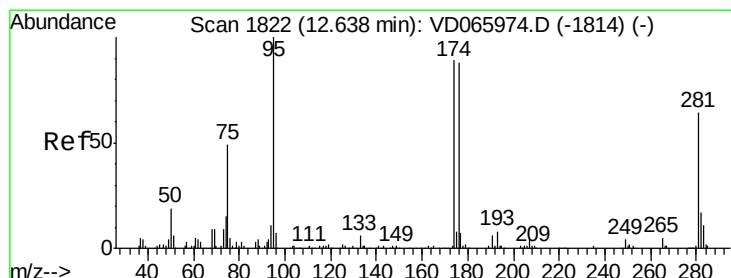
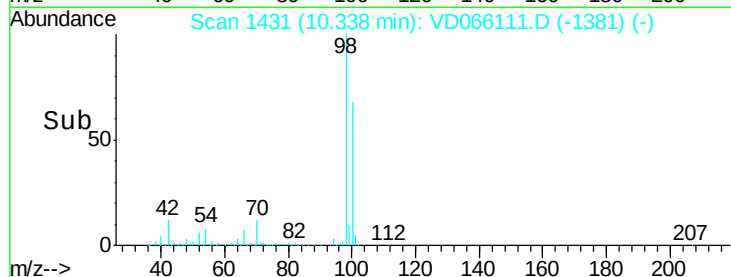
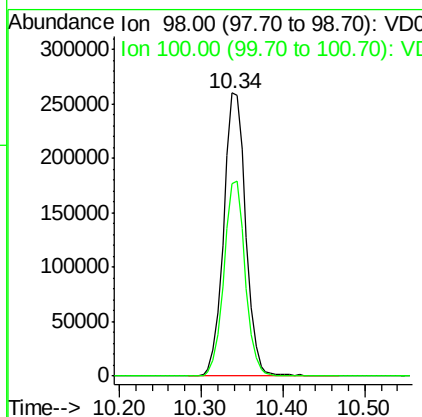
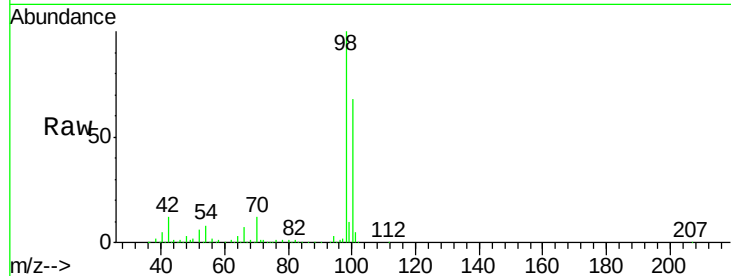




#50
Toluene-d8
Concen: 54.186 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

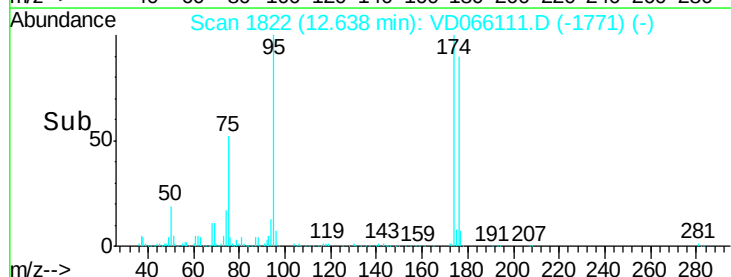
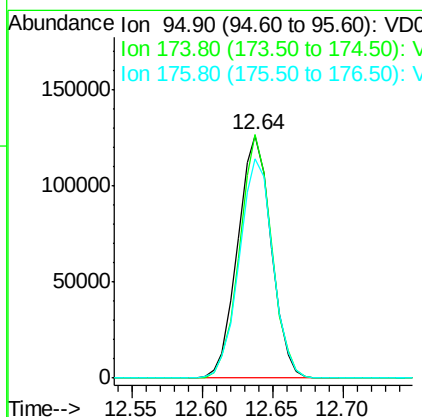
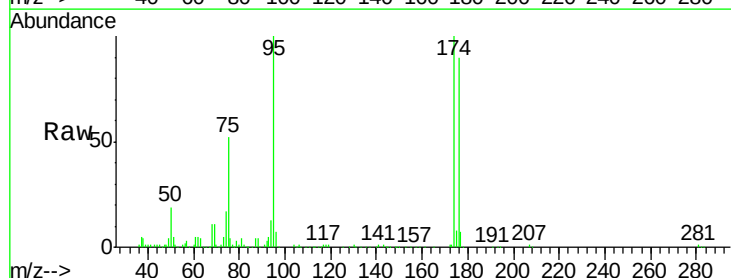
Instrument :
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JTY1-SB-03-2-3

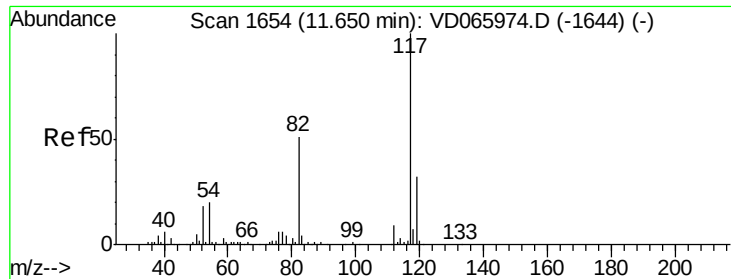
Tot Ion: 98 Resp: 488210
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 66.960 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Tgt Ion: 95 Resp: 209187
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.8
176 90.4 0.0 172.6

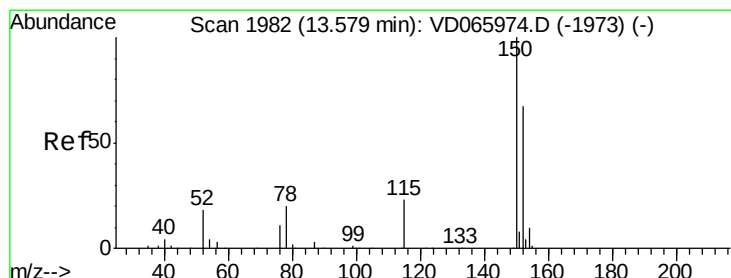
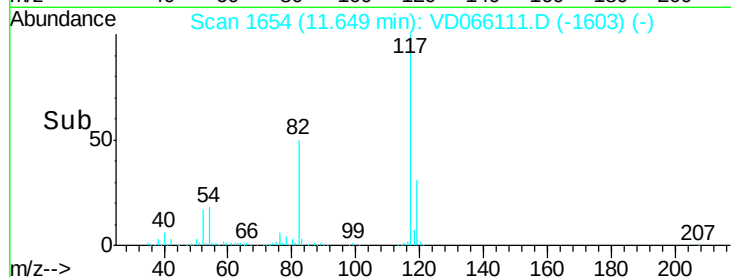
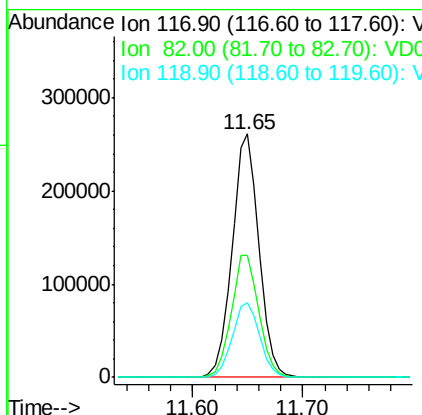
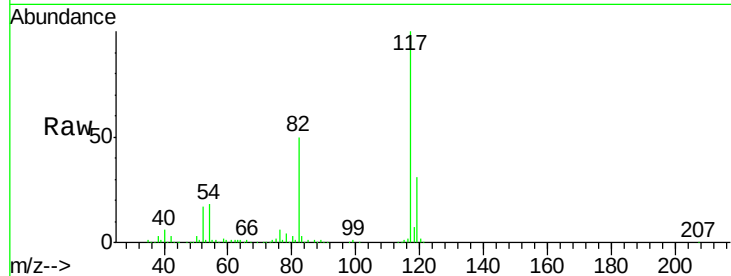




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-03-2-3

Tot Ion:117 Resp: 442365
Ion Ratio Lower Upper
117 100
82 50.0 41.1 61.7
119 30.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066111.D
Acq: 30 Jul 2020 15:08

Tgt Ion:152 Resp: 238305
Ion Ratio Lower Upper
152 100
115 56.8 27.9 83.7
150 159.0 0.0 348.2

