

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064333.D
 Acq On : 21 Nov 2019 19:20
 Operator : VA/SY
 Sample : K5668-08
 Misc : 6.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-112119

Quant Time: Nov 22 02:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

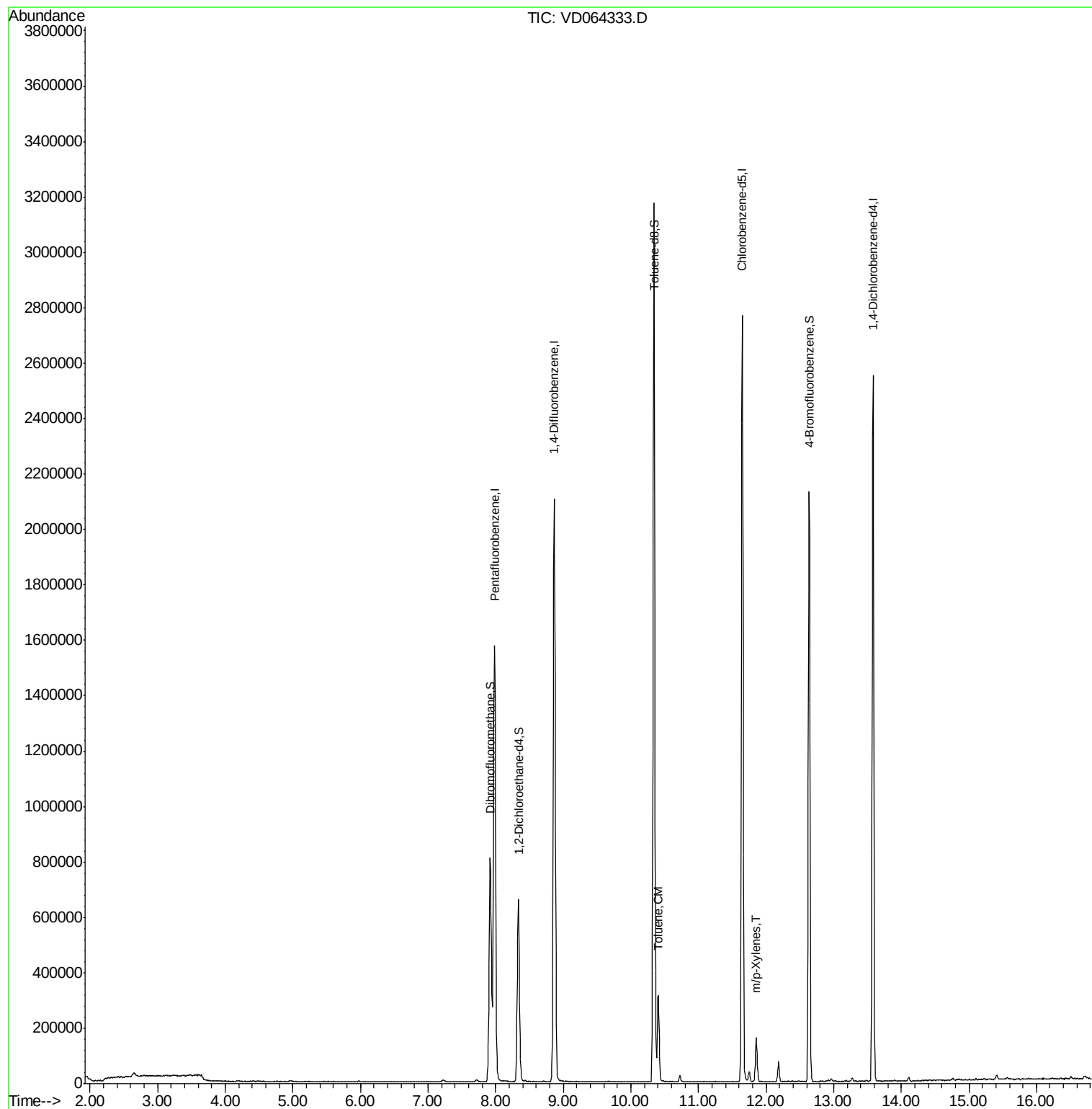
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1295083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1863996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1592852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	706920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	527068	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
35) Dibromofluoromethane	7.92	113	558534	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.34	98	2150484	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.64	95	660627	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
52) Toluene	10.41	92	131377	4.249	ug/l	98
68) m/p-Xylenes	11.86	106	51804	2.307	ug/l	96

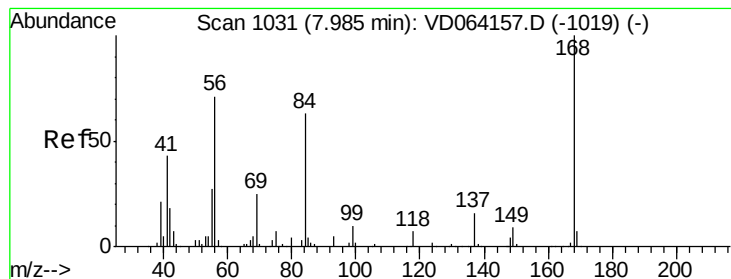
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064333.D

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Instrument :

MSVOA_D

ClientSampleId :

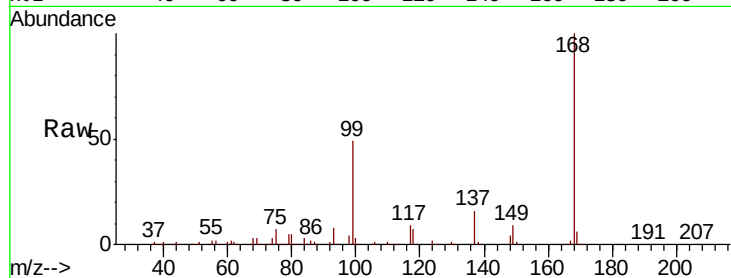
HD-01-112119

Tot Ion:168 Resp: 1295083

Ion Ratio Lower Upper

168 100

99 49.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

600000

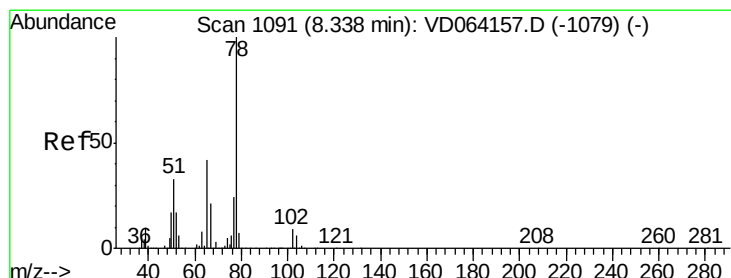
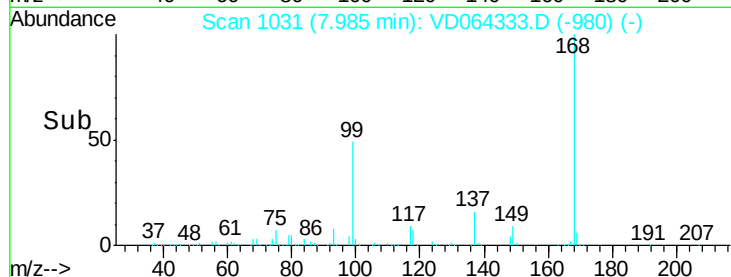
400000

200000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.484 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064333.D

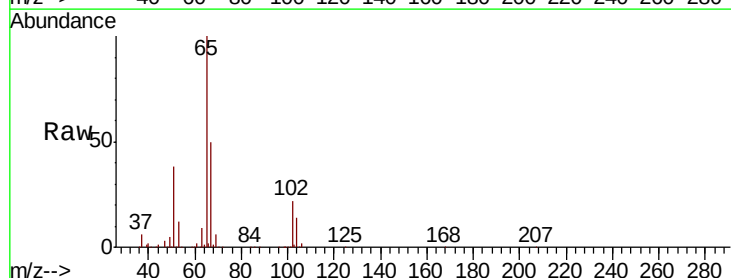
Acq: 21 Nov 2019 19:20

Tgt Ion: 65 Resp: 527068

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

250000

200000

150000

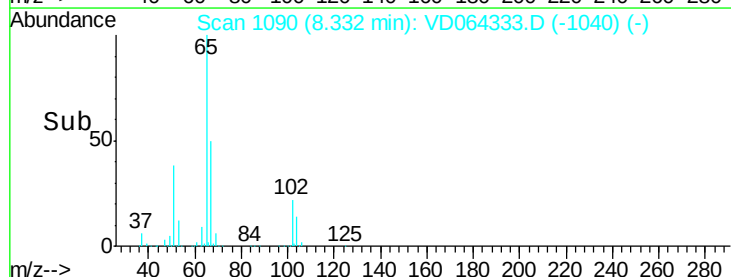
100000

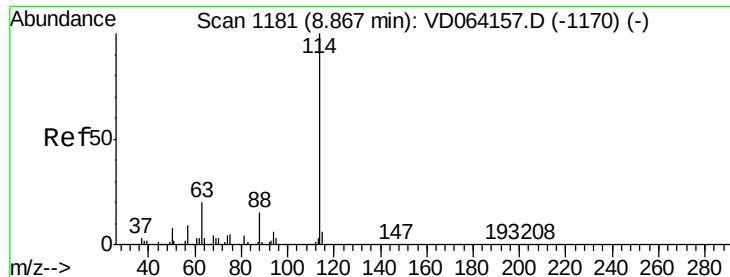
50000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

HD-01-112119

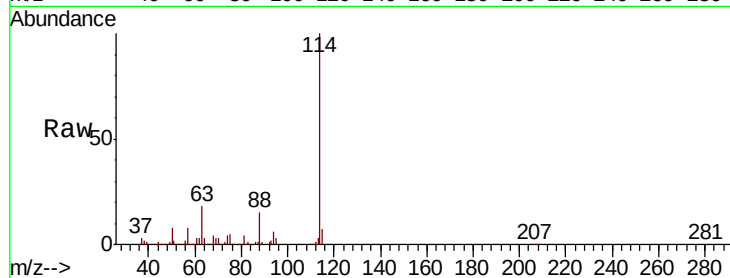
Tot Ion:114 Resp: 1863996

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

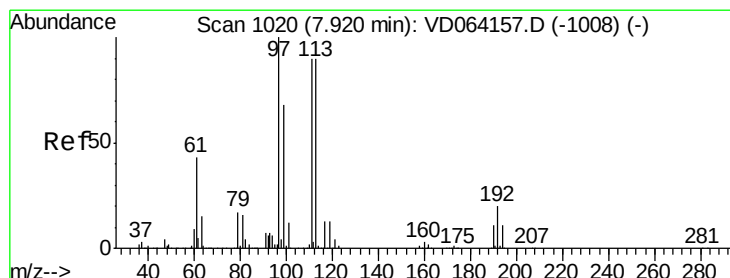
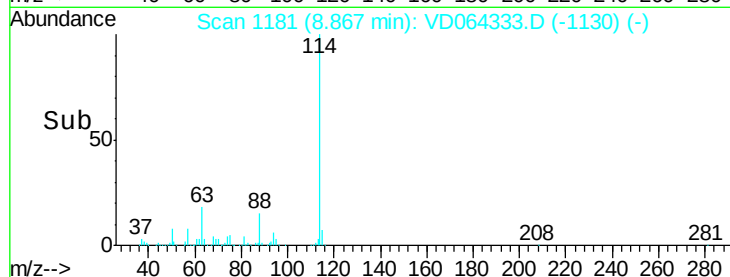
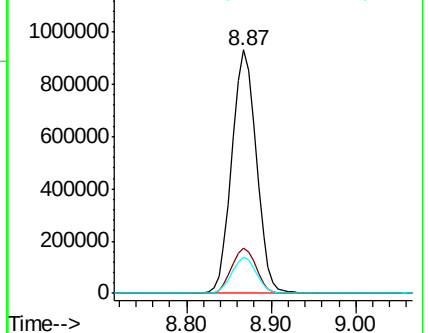
88 14.7 0.0 30.2



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: 52.201 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

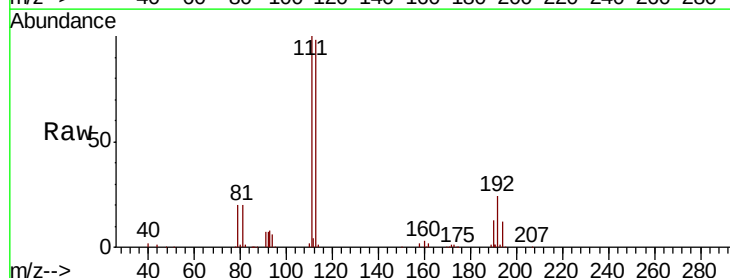
Tgt Ion:113 Resp: 558534

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

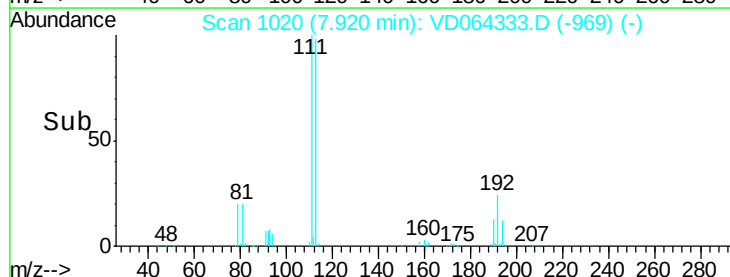
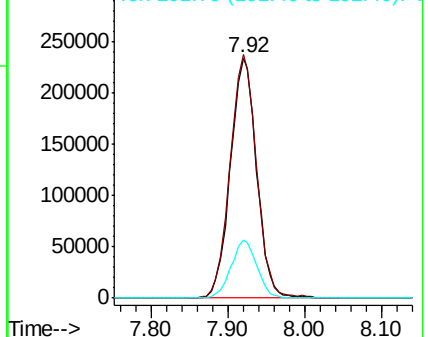
192 23.9 18.8 28.2

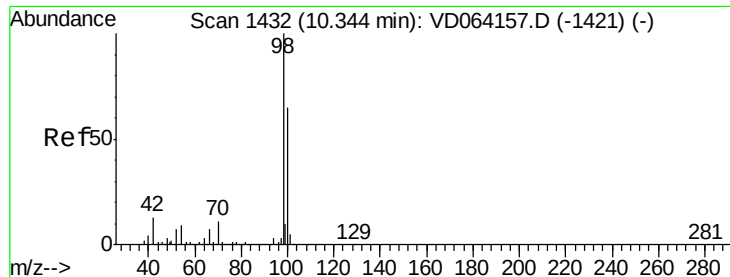


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.278 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

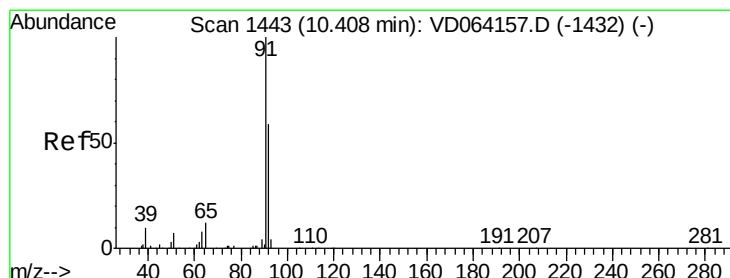
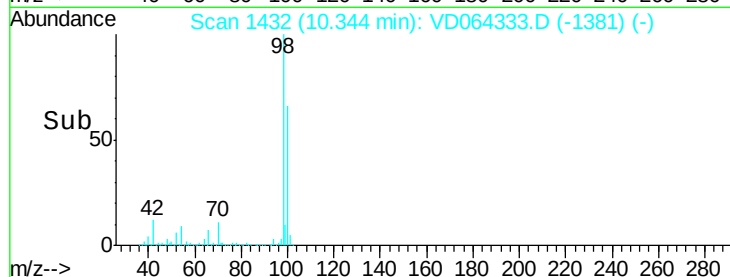
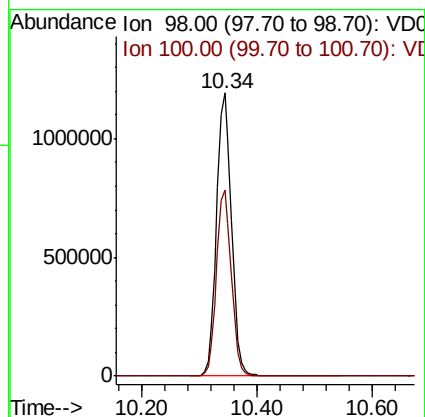
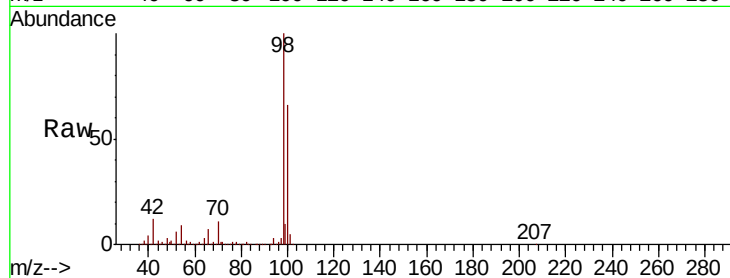
HD-01-112119

Tot Ion: 98 Resp: 2150484

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#52

Toluene

Concen: 4.249 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064333.D

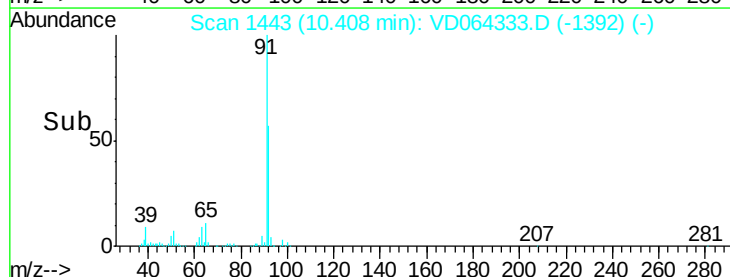
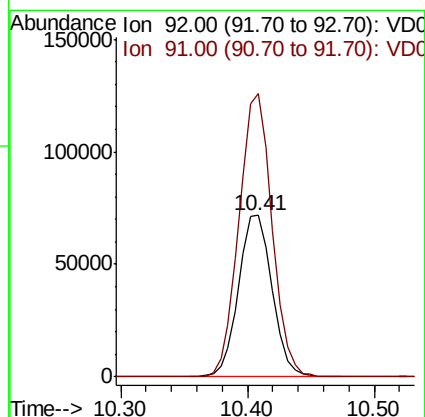
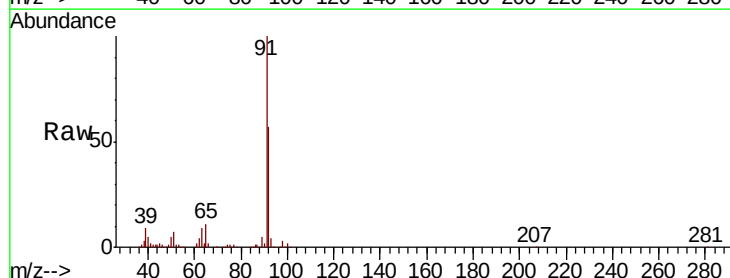
Acq: 21 Nov 2019 19:20

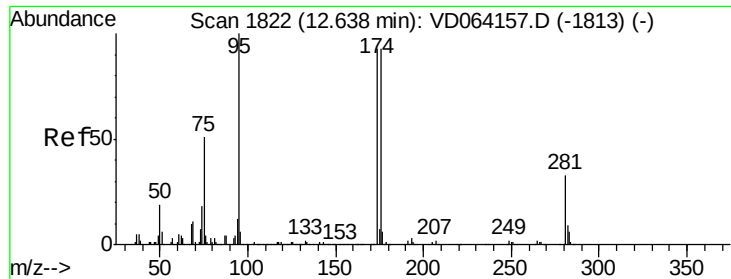
Tgt Ion: 92 Resp: 131377

Ion Ratio Lower Upper

92 100

91 173.5 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 47.261 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

HD-01-112119

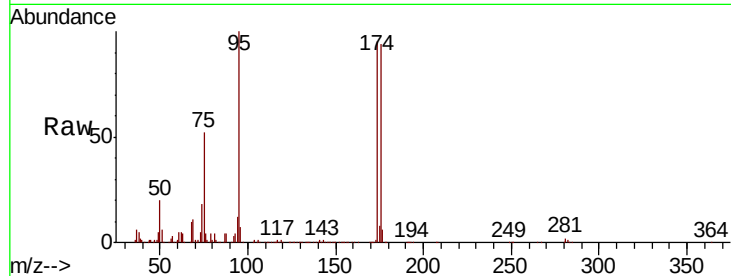
Tot Ion: 95 Resp: 660627

Ion Ratio Lower Upper

95 100

174 96.9 0.0 183.6

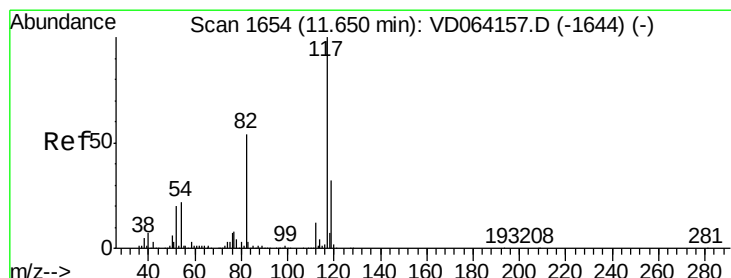
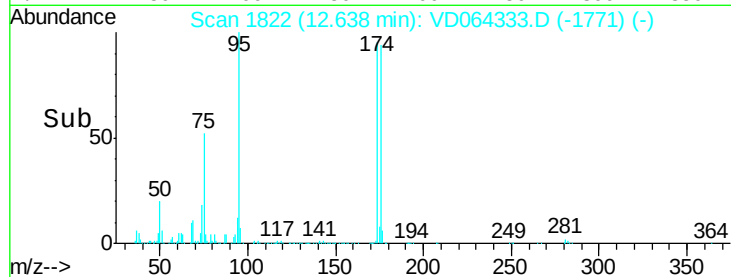
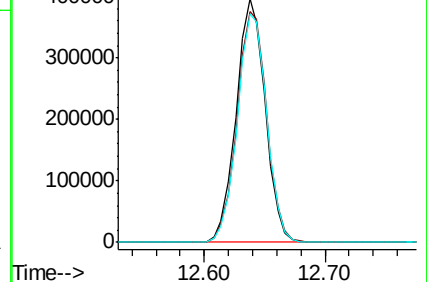
176 95.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

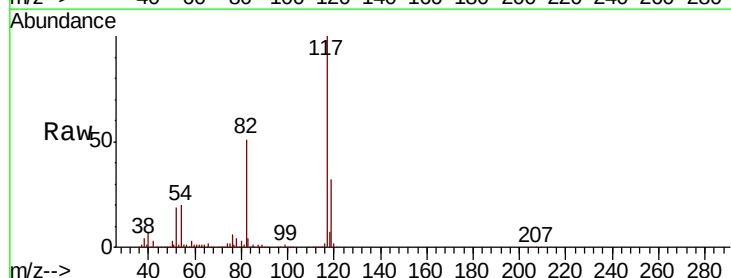
Tgt Ion: 117 Resp: 1592852

Ion Ratio Lower Upper

117 100

82 51.2 42.8 64.2

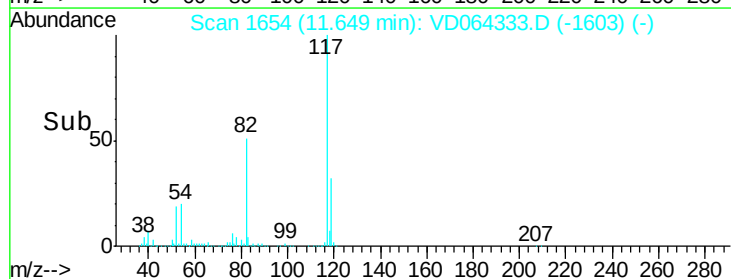
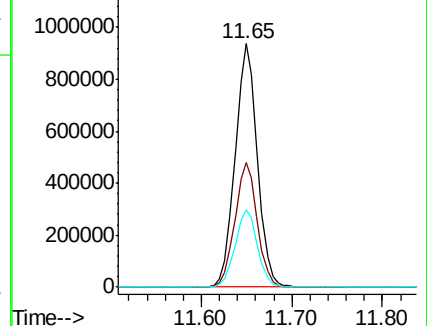
119 31.7 25.6 38.4

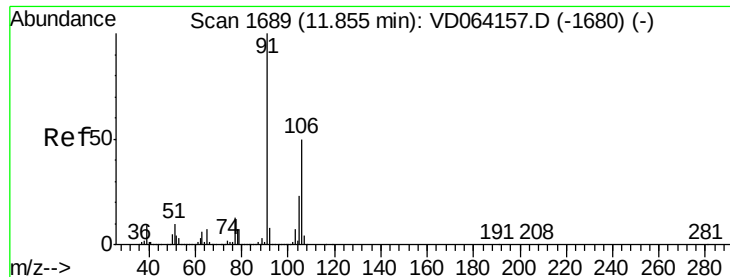


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xylenes

Concen: 2.307 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

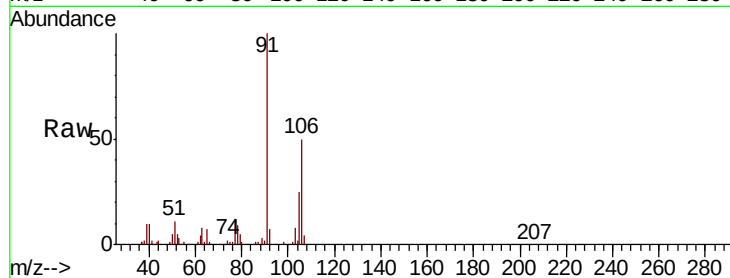
HD-01-112119

Tot Ion:106 Resp: 51804

Ion Ratio Lower Upper

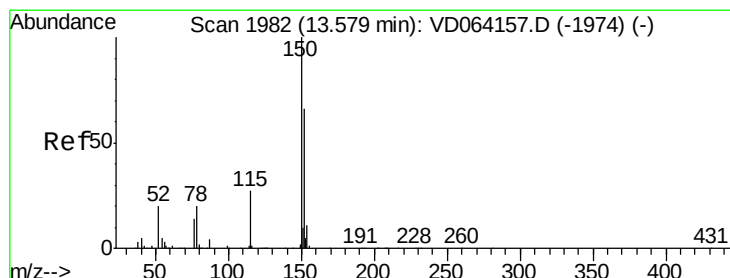
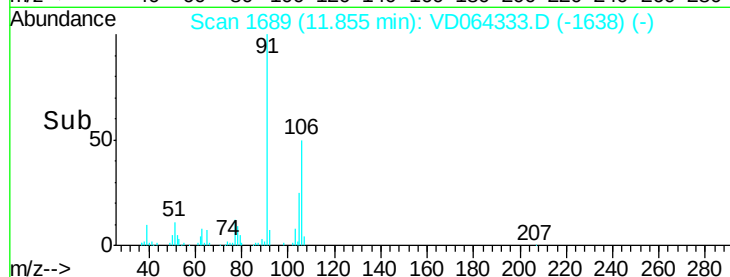
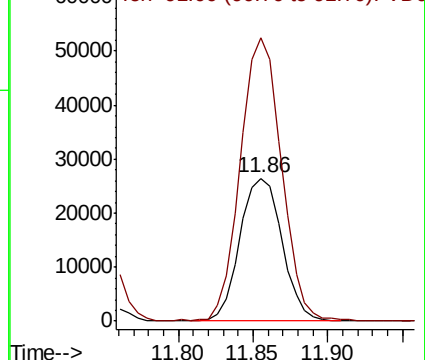
106 100

91 194.0 160.3 240.5



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. 0.01 min

Lab File: VD064333.D

Acq: 21 Nov 2019 19:20

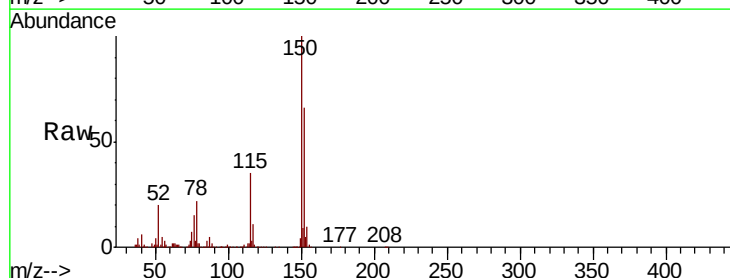
Tgt Ion:152 Resp: 706920

Ion Ratio Lower Upper

152 100

115 53.5 27.4 82.2

150 155.5 0.0 351.6



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

