

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063483.D
 Acq On : 12 Aug 2019 13:16
 Operator : JC/SY
 Sample : K4238-01
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-17

Quant Time: Aug 13 07:55:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	864889	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1244768	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	795621	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	237305	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	444137	48.04	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	96.08%	
35) Dibromofluoromethane	6.92	113	489013	46.65	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	93.30%	
50) Toluene-d8	10.40	98	850722	36.91	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	73.82%	
62) 4-Bromofluorobenzene	13.55	95	227846	21.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	43.62%	

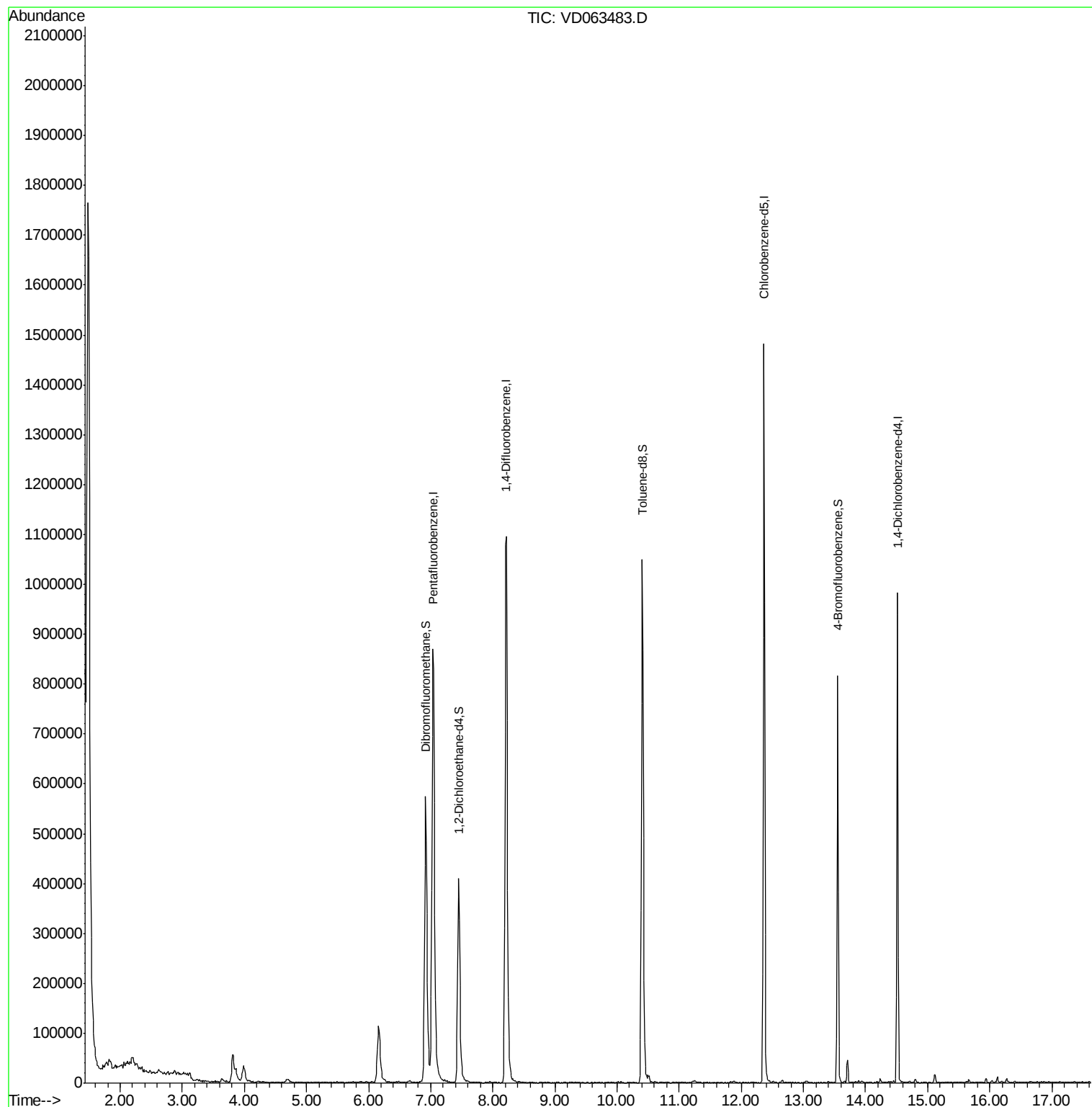
Target Compounds	Qvalue
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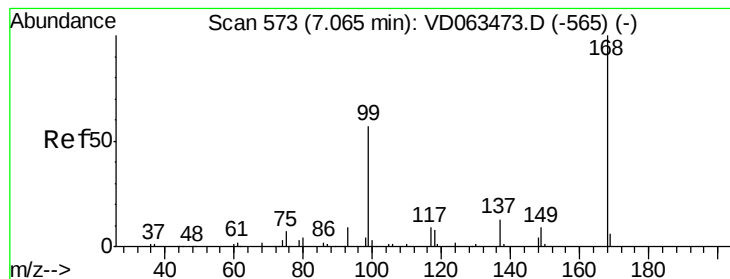
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063483.D

Acq: 12 Aug 2019 13:16

Instrument :

MSVOA_D

ClientSampleId :

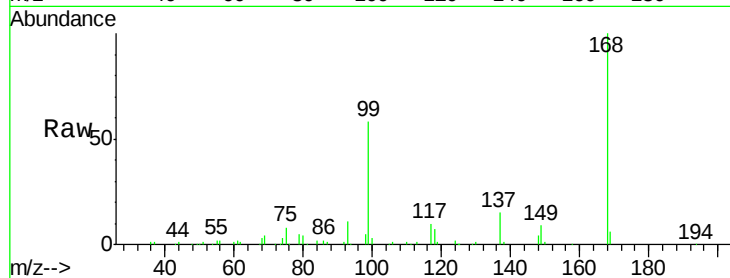
TP-17

Tot Ion:168 Resp: 864889

Ion Ratio Lower Upper

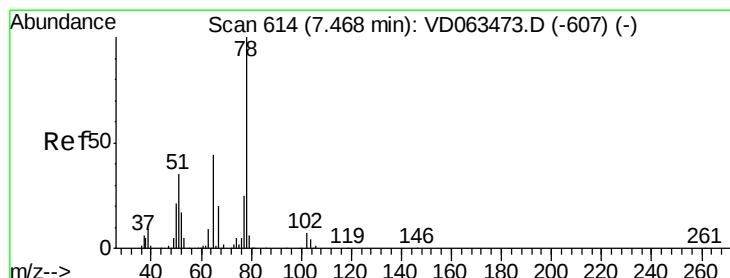
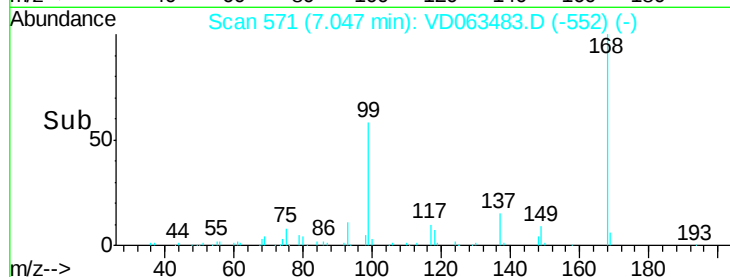
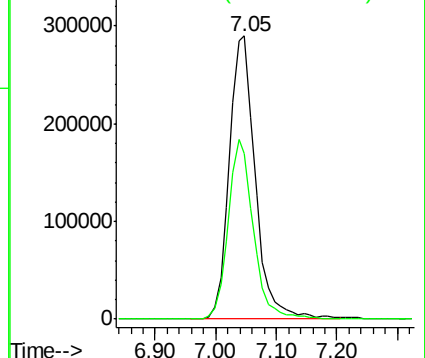
168 100

99 58.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.041 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063483.D

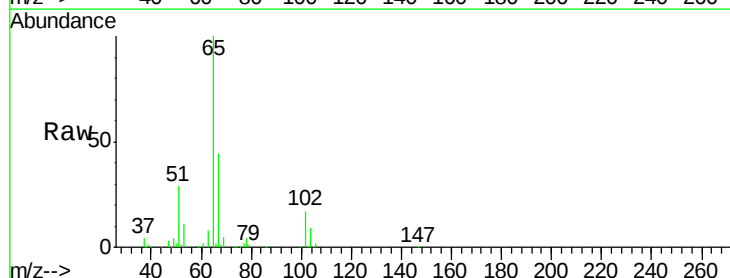
Acq: 12 Aug 2019 13:16

Tgt Ion: 65 Resp: 444137

Ion Ratio Lower Upper

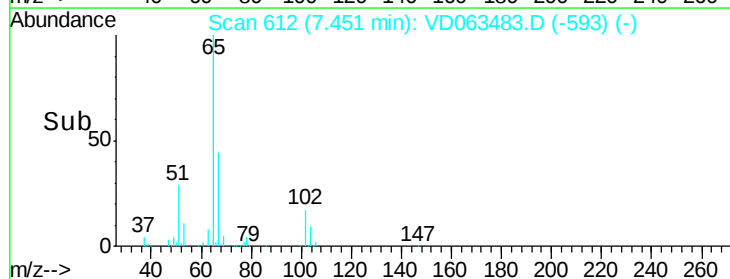
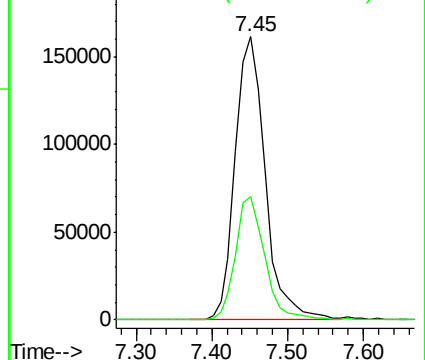
65 100

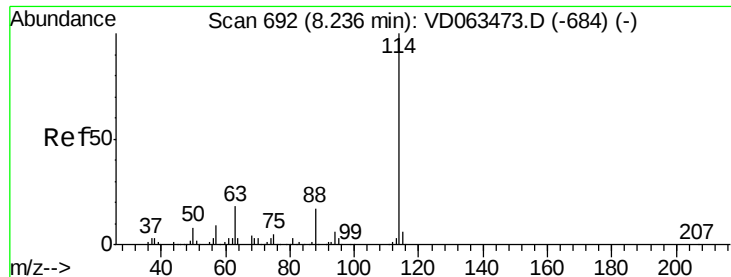
67 43.8 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063483.D

Acq: 12 Aug 2019 13:16

Instrument :

MSVOA_D

ClientSampleId :

TP-17

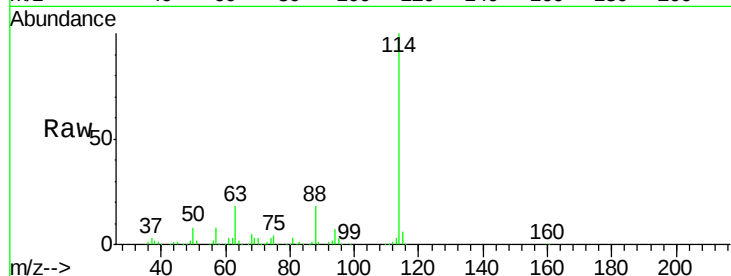
Tot Ion:114 Resp: 1244768

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

88 17.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

600000

500000

400000

300000

200000

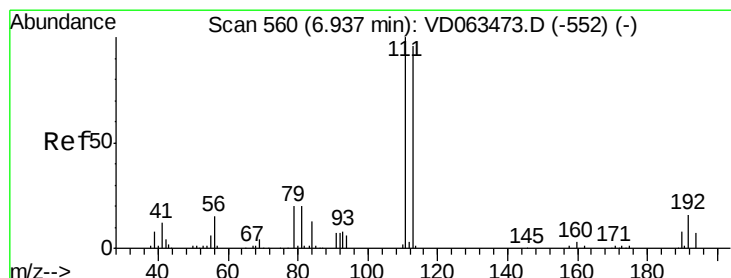
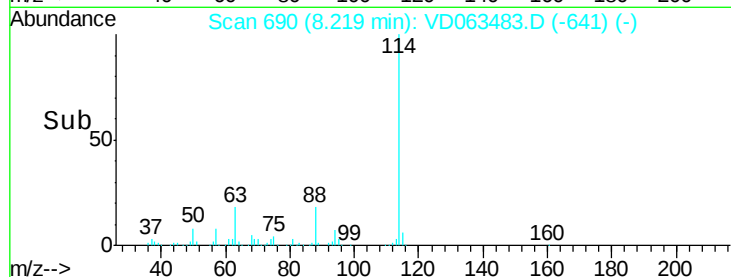
100000

0

8.22

8.10 8.20 8.30 8.40

Time-->



#35

Dibromofluoromethane

Concen: 46.646 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063483.D

Acq: 12 Aug 2019 13:16

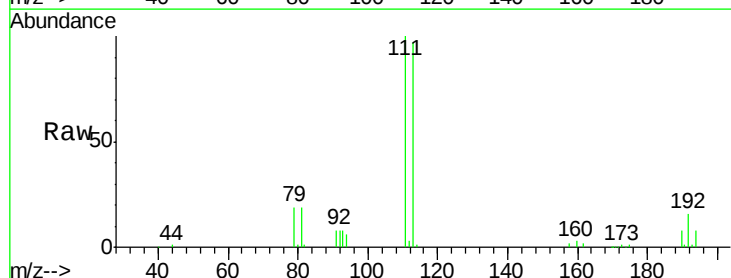
Tgt Ion:113 Resp: 489013

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

192 16.9 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

250000

200000

150000

100000

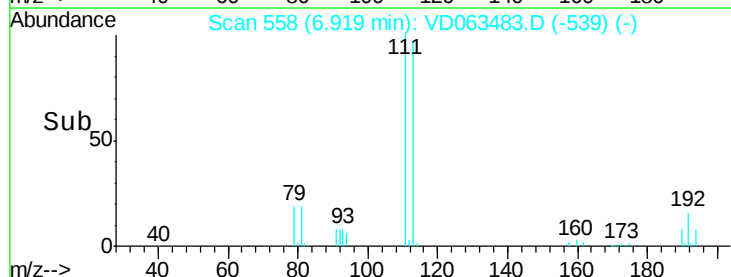
50000

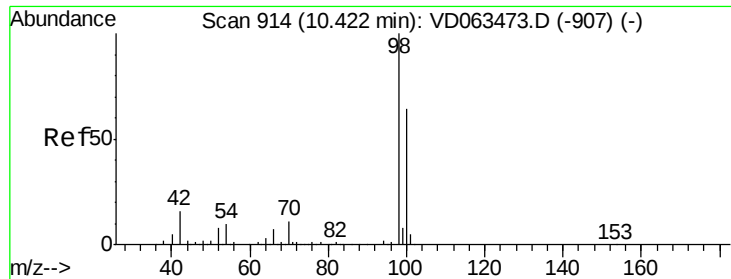
0

6.92

6.80 6.90 7.00 7.10

Time-->

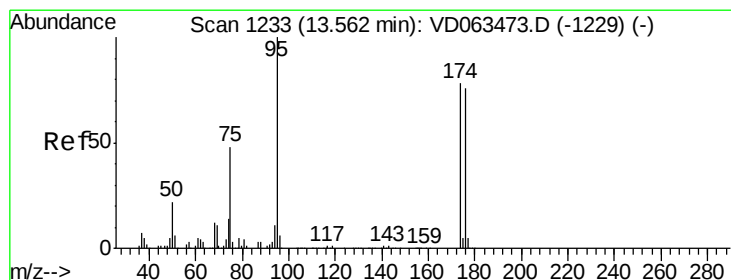
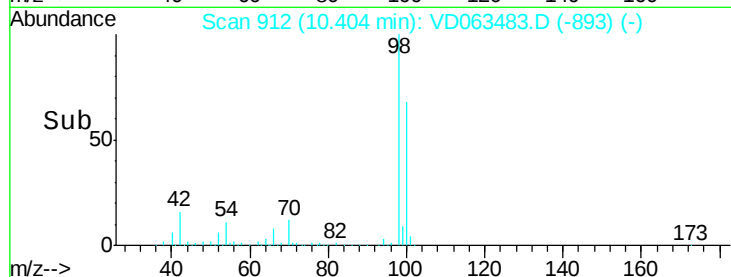
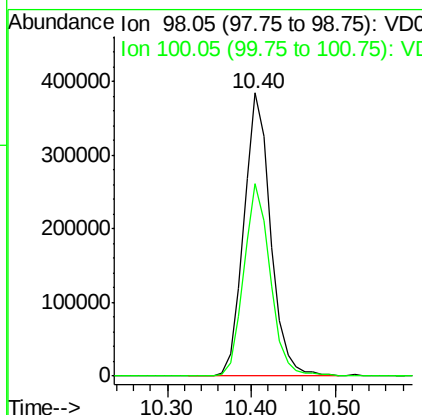
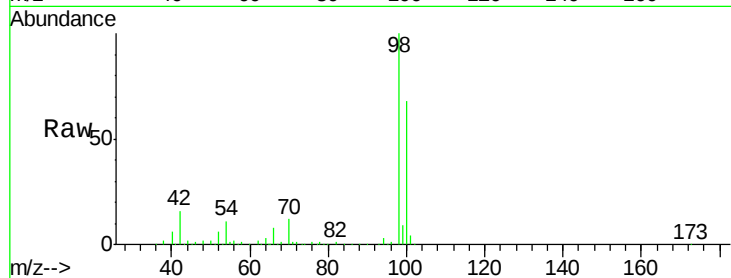




#50
Toluene-d8
Concen: 36.910 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063483.D
Acq: 12 Aug 2019 13:16

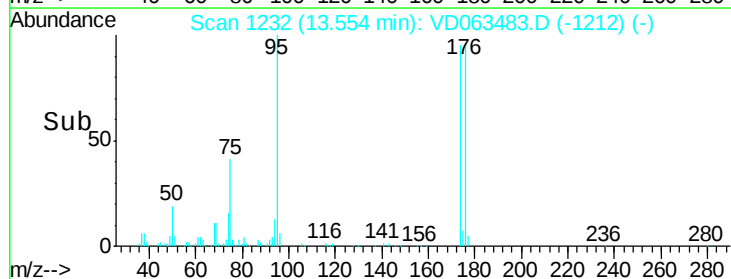
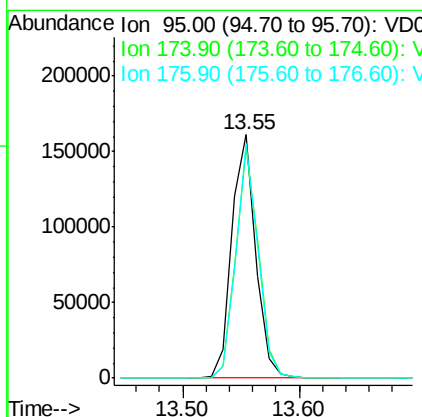
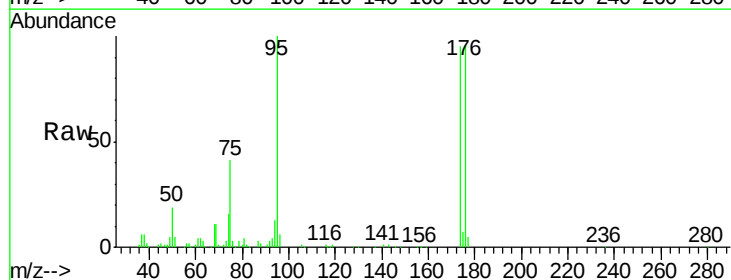
Instrument :
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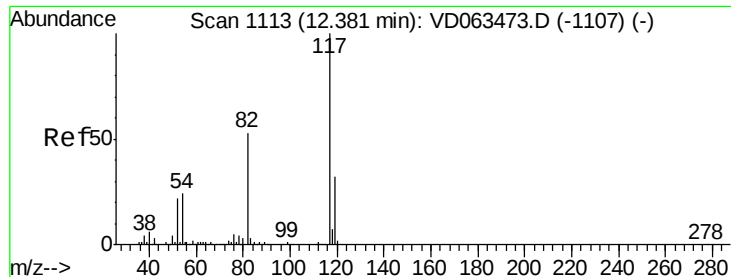
Tot Ion: 98 Resp: 850722
Ion Ratio Lower Upper
98 100
100 67.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 21.811 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063483.D
Acq: 12 Aug 2019 13:16

Tgt Ion: 95 Resp: 227846
Ion Ratio Lower Upper
95 100
174 95.0 0.0 155.4
176 96.3 0.0 152.4

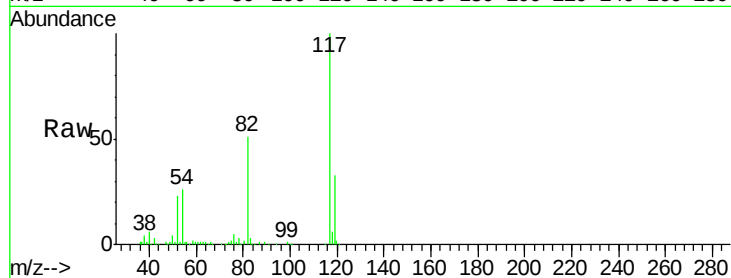




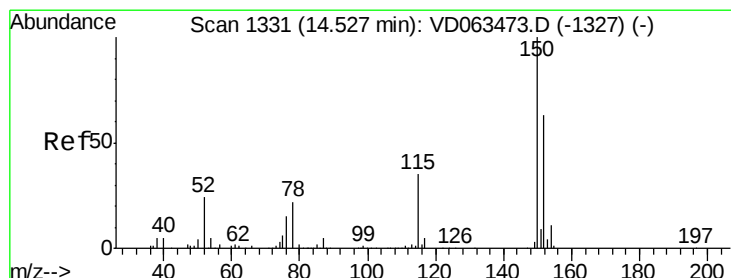
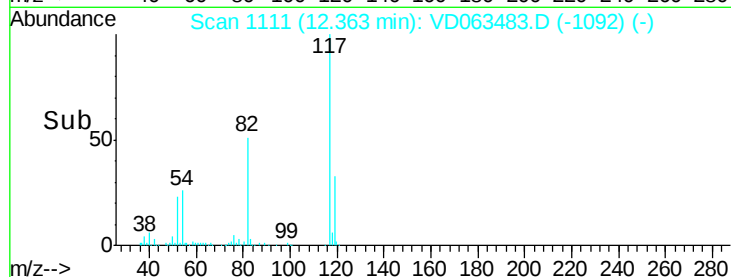
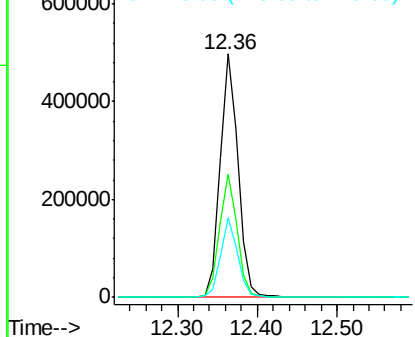
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063483.D
Acq: 12 Aug 2019 13:16

Instrument :
MSVOA_D
ClientSampleId :
TP-17

Tot Ion:117 Resp: 795621
Ion Ratio Lower Upper
117 100
82 50.5 42.0 63.0
119 32.8 25.4 38.0

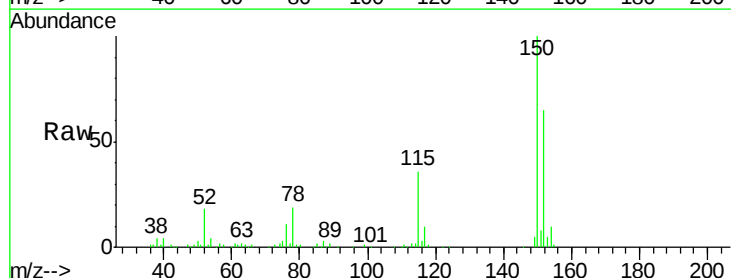


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063483.D
Acq: 12 Aug 2019 13:16

Tgt Ion:152 Resp: 237305
Ion Ratio Lower Upper
152 100
115 55.8 30.9 92.7
150 154.1 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

