

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063484.D
 Acq On : 12 Aug 2019 13:44
 Operator : JC/SY
 Sample : K4238-05
 Misc : 6.23g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18

Quant Time: Aug 13 07:57:37 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	1064928	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1424128	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1010504	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	471152	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	505443	44.40	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	88.80%	
35) Dibromofluoromethane	6.92	113	605649	50.50	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	101.00%	
50) Toluene-d8	10.40	98	720574	27.33	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	54.66%	
62) 4-Bromofluorobenzene	13.55	95	415524	34.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.54%	

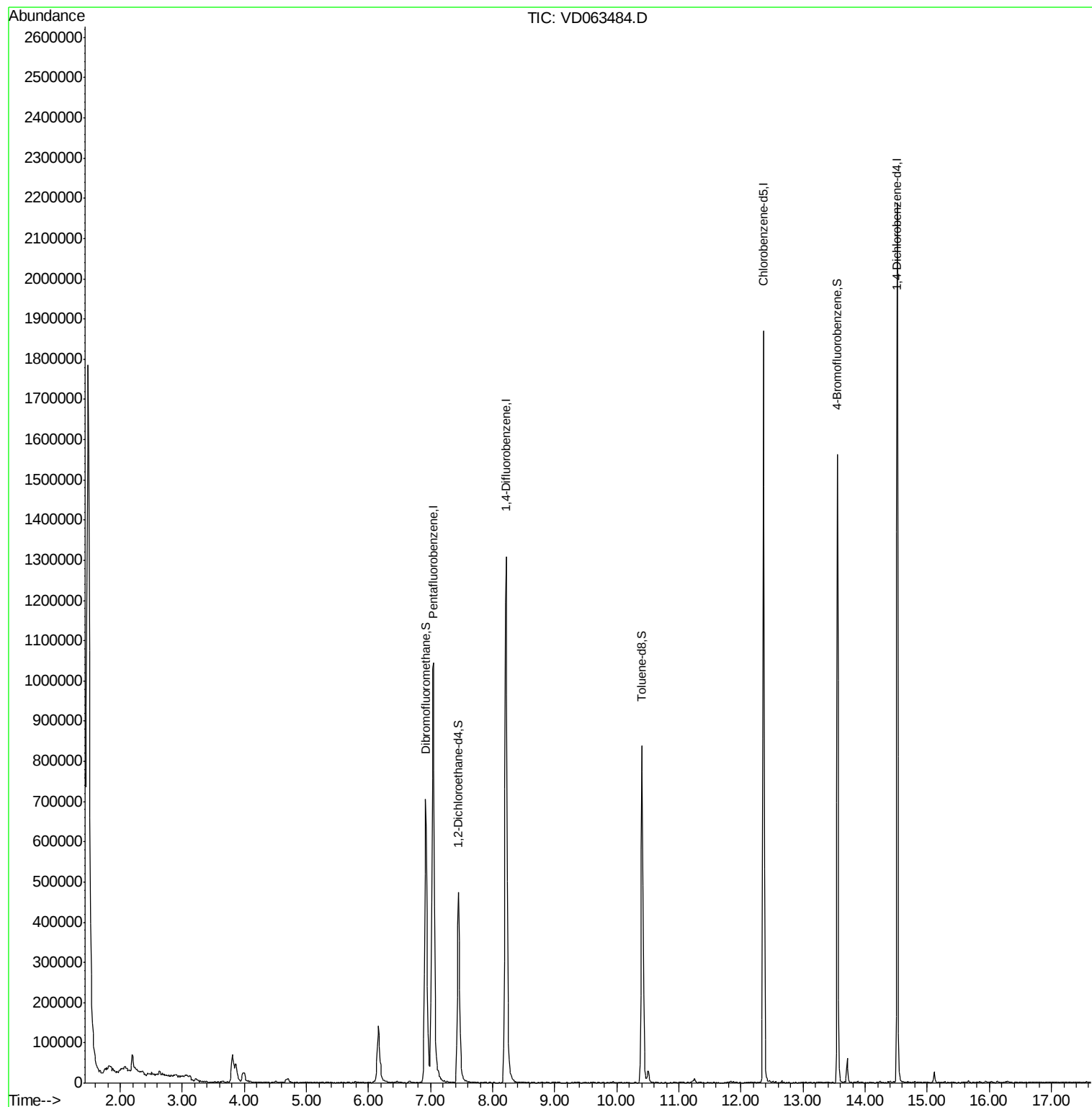
Target Compounds	Qvalue

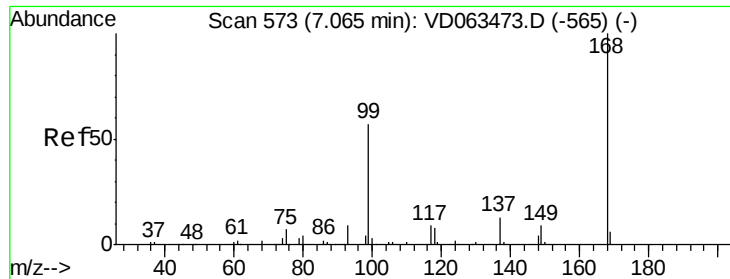
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063484.D

Acq: 12 Aug 2019 13:44

Instrument :

MSVOA_D

ClientSampleId :

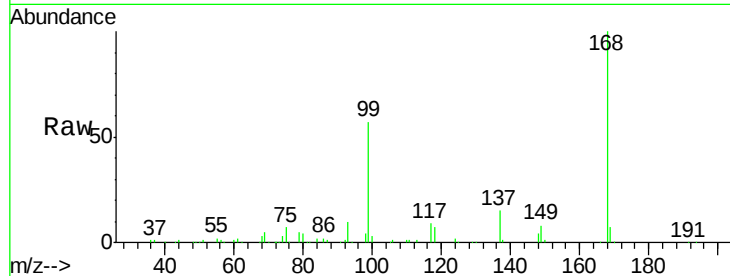
TP-18

Tot Ion:168 Resp: 1064928

Ion Ratio Lower Upper

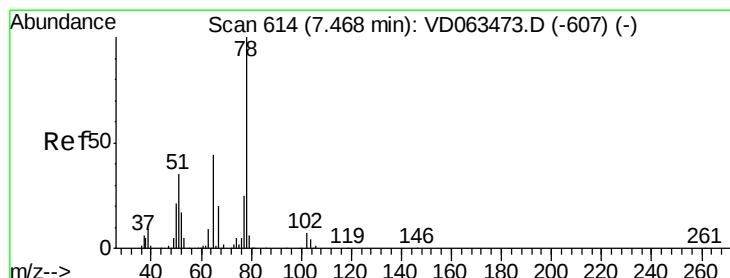
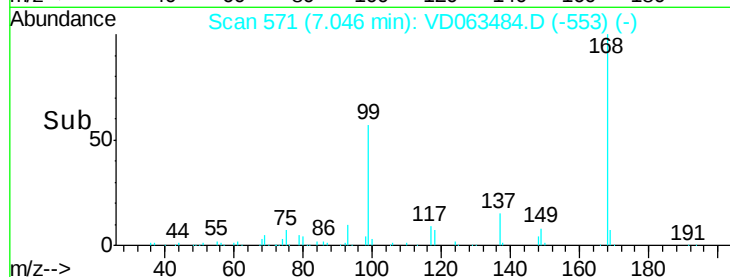
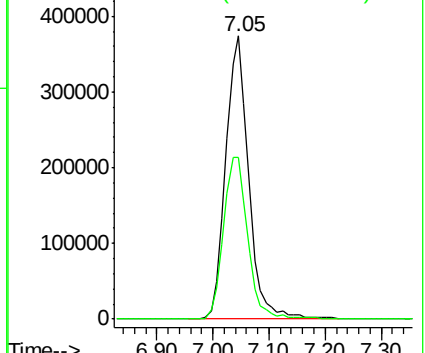
168 100

99 57.1 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: 44.402 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063484.D

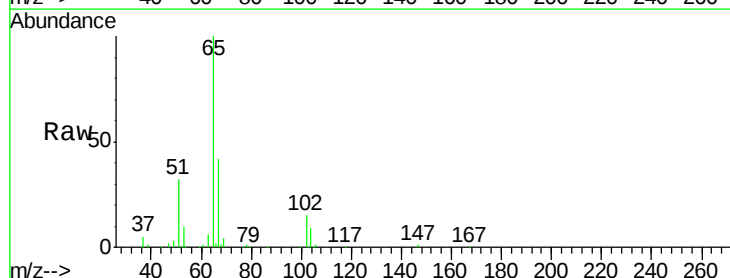
Acq: 12 Aug 2019 13:44

Tgt Ion: 65 Resp: 505443

Ion Ratio Lower Upper

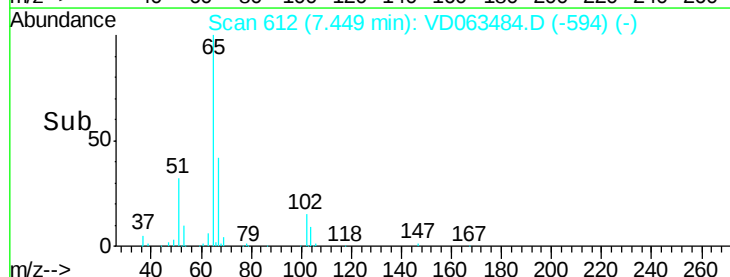
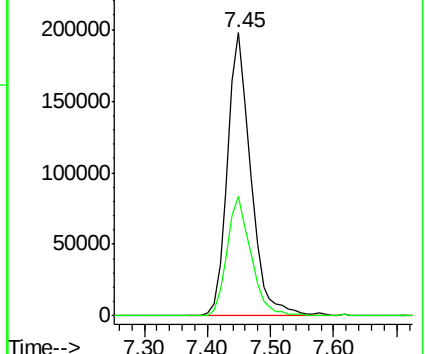
65 100

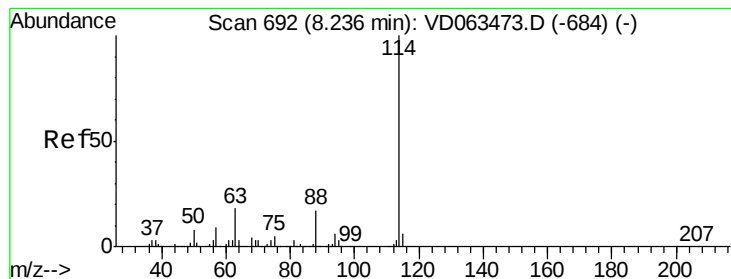
67 42.3 0.0 89.2



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: VD063484.D

Acq: 12 Aug 2019 13:44

Instrument :

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ClientSampleId :

TP-18

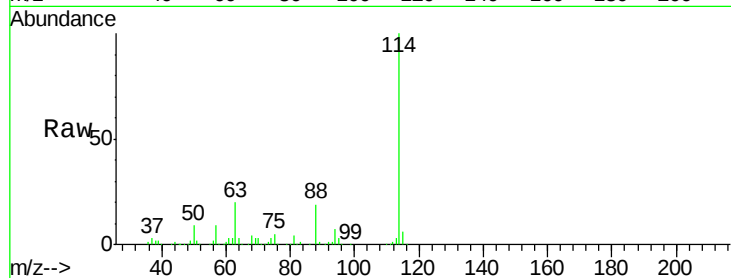
Tot Ion:114 Resp: 1424128

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.2

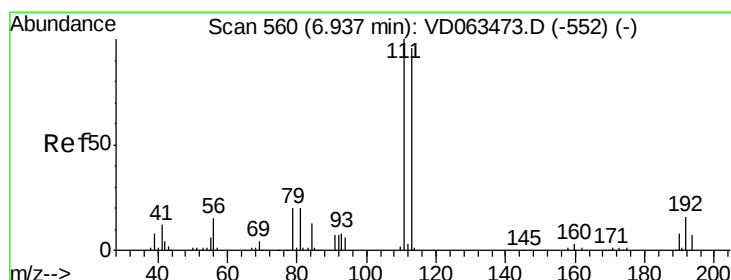
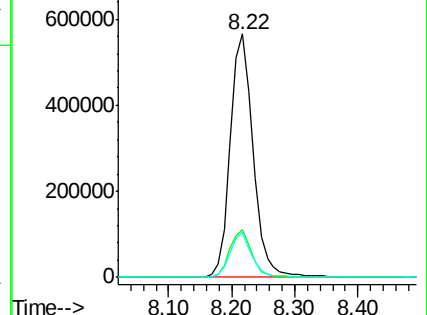
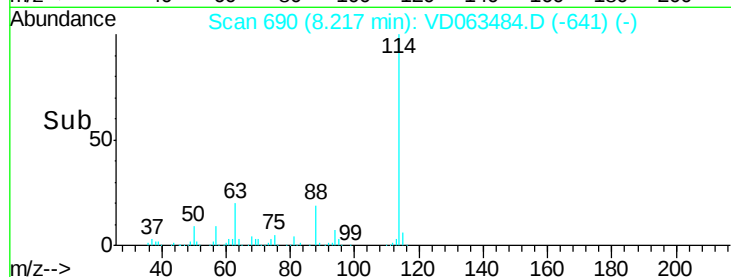
88 18.7 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 50.496 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063484.D

Acq: 12 Aug 2019 13:44

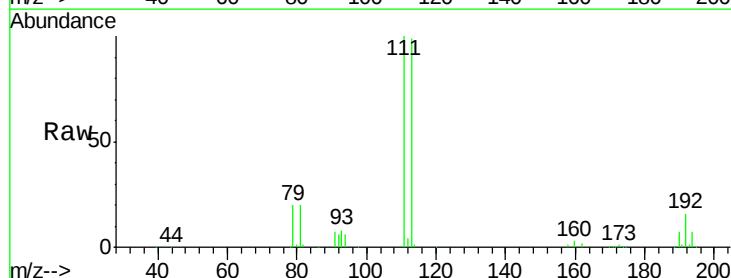
Tgt Ion:113 Resp: 605649

Ion Ratio Lower Upper

113 100

111 101.0 83.1 124.7

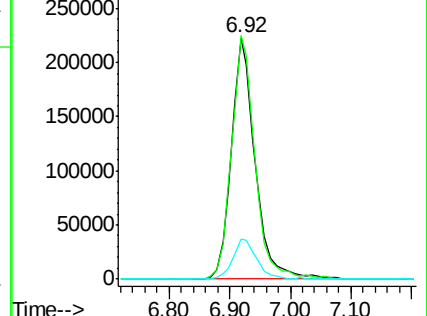
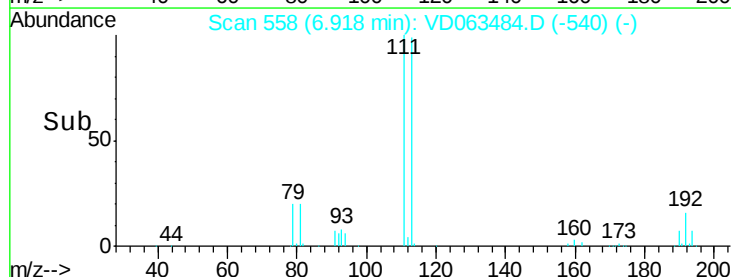
192 16.5 13.1 19.7

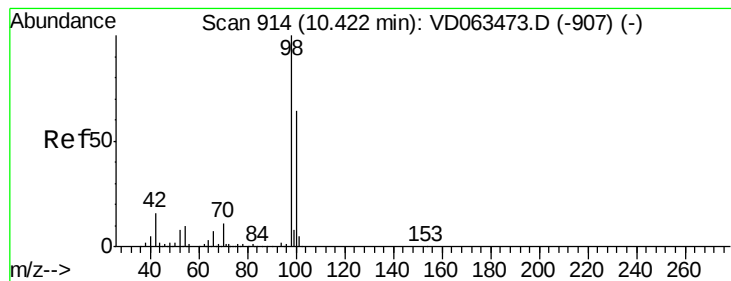


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 27.326 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063484.D

Acq: 12 Aug 2019 13:44

Instrument :

MSVOA_D

ClientSampleId :

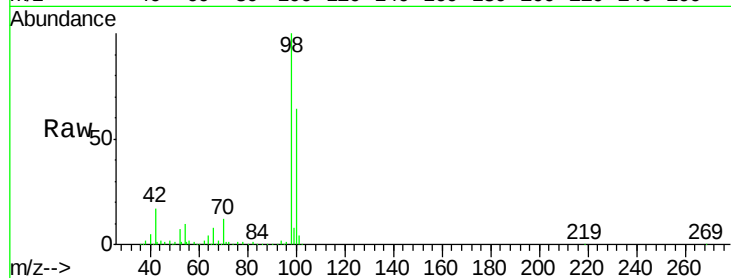
TP-18

Tot Ion: 98 Resp: 720574

Ion Ratio Lower Upper

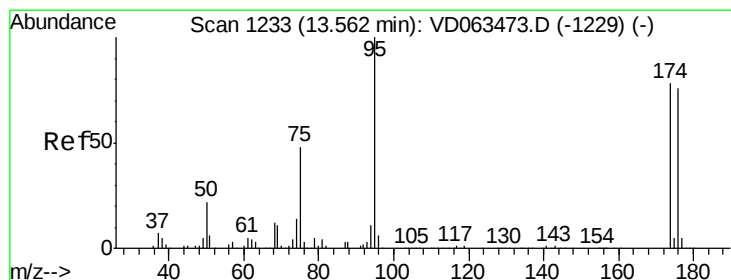
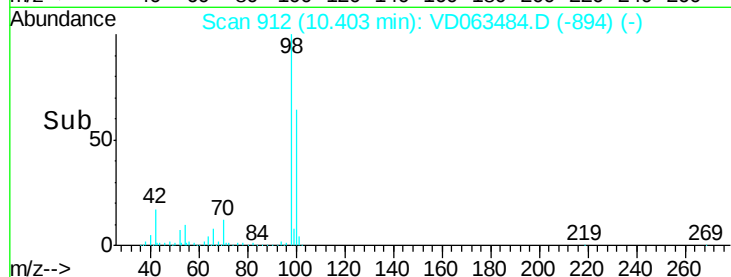
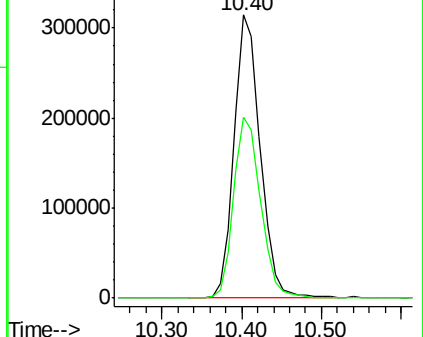
98 100

100 63.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 34.767 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063484.D

Acq: 12 Aug 2019 13:44

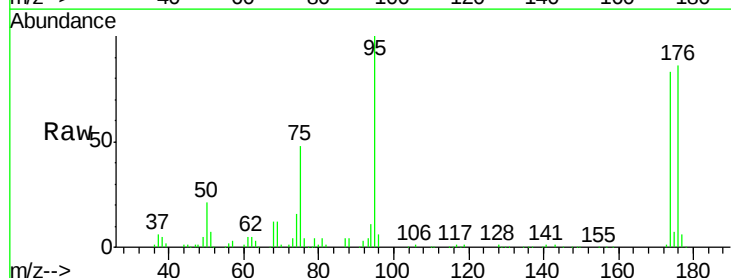
Tgt Ion: 95 Resp: 415524

Ion Ratio Lower Upper

95 100

174 83.1 0.0 155.4

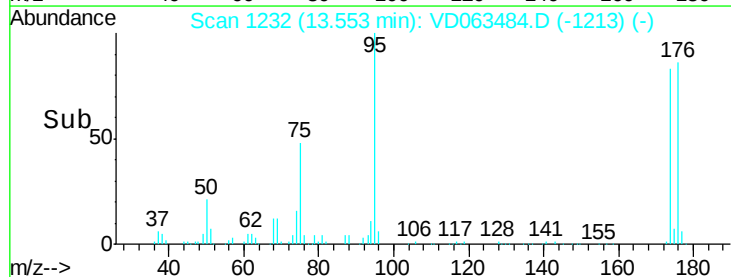
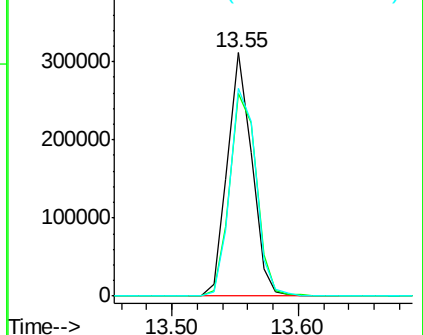
176 85.5 0.0 152.4

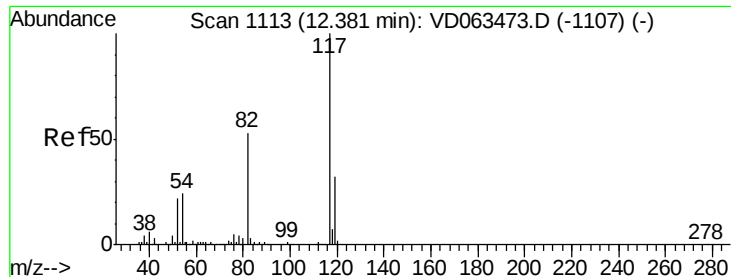


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

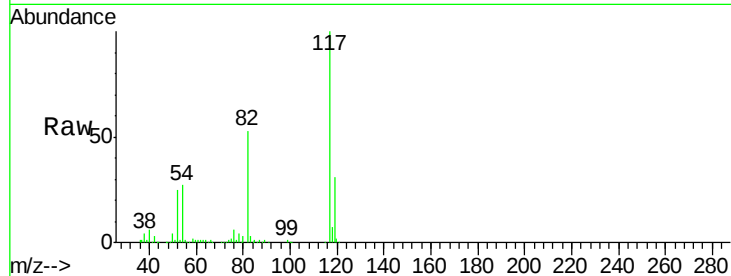




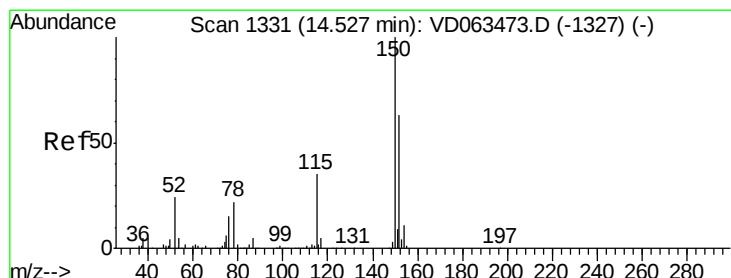
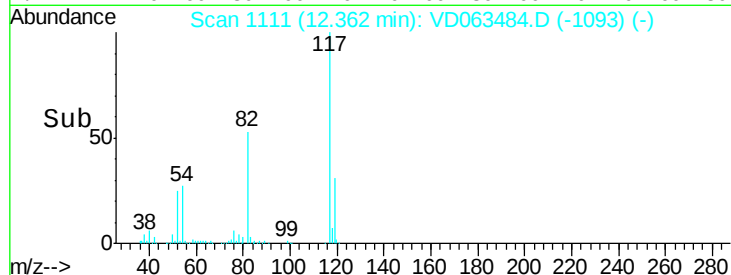
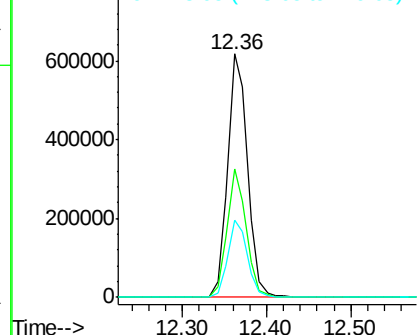
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063484.D
Acq: 12 Aug 2019 13:44

Instrument :
MSVOA_D
ClientSampleId :
TP-18

Tot Ion:117 Resp: 1010504
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 31.5 25.4 38.0

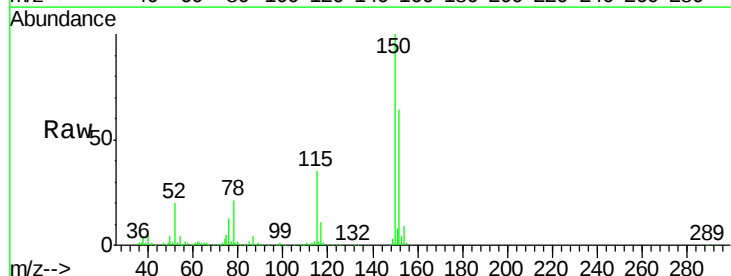


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063484.D
Acq: 12 Aug 2019 13:44

Tgt Ion:152 Resp: 471152
Ion Ratio Lower Upper
152 100
115 54.7 30.9 92.7
150 157.0 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

