

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063605.D
 Acq On : 15 Aug 2019 15:06
 Operator : JC/SY
 Sample : K4257-01
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAND-A

Quant Time: Aug 15 15:56:29 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	7.03	168	1101820	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1483776	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1297797	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	581536	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	429070	36.43	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	72.86%	
35) Dibromofluoromethane	6.92	113	509365	40.76	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	81.52%	
50) Toluene-d8	10.40	98	1111422	40.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.90%	
62) 4-Bromofluorobenzene	13.55	95	477262	38.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	76.66%	

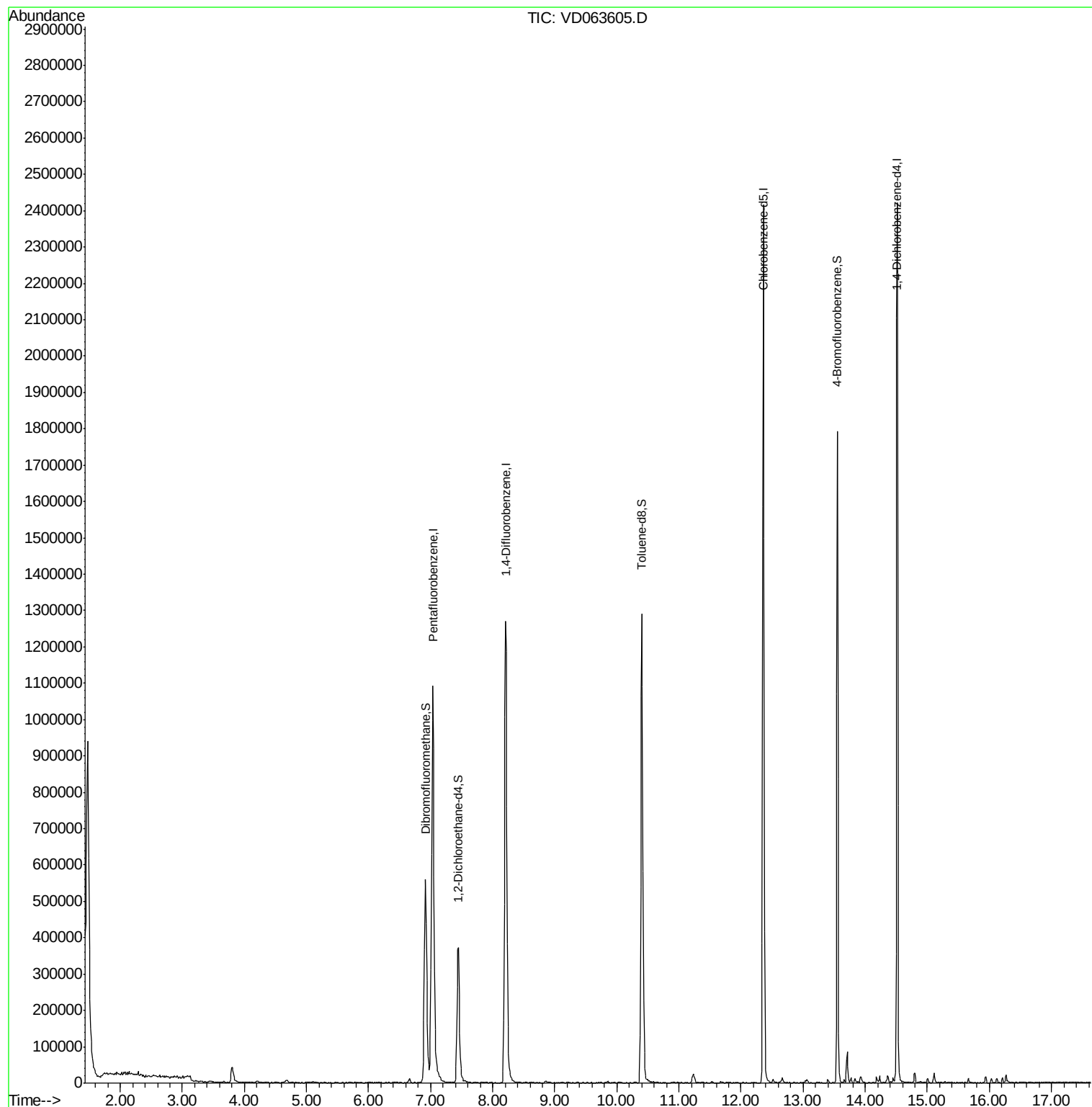
Target Compounds	Qvalue

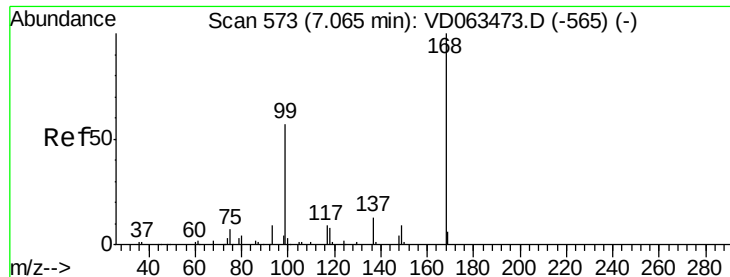
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

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MSVOA_D

ClientSampleId :

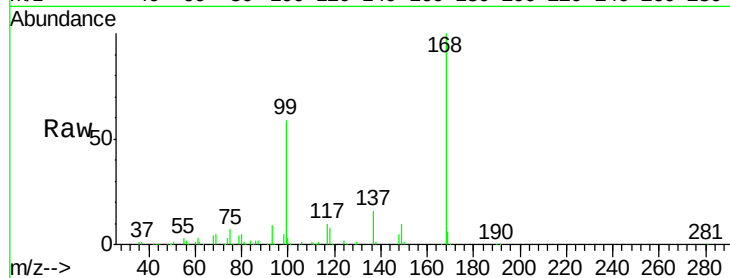
SAND-A

Tot Ion:168 Resp: 1101820

Ion Ratio Lower Upper

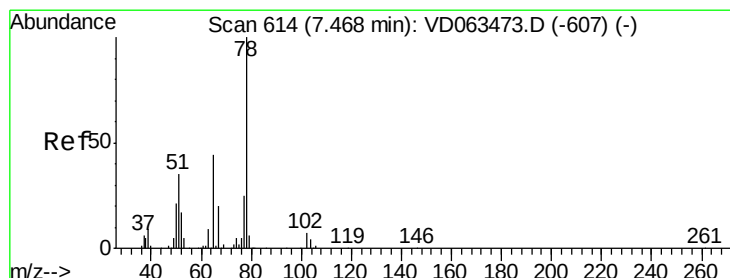
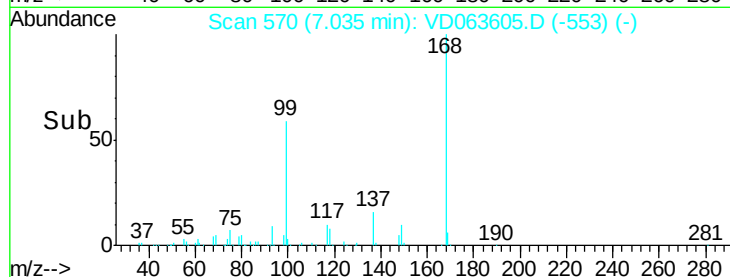
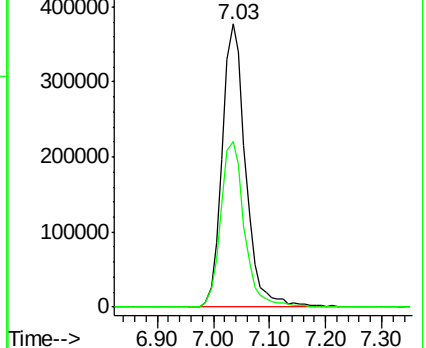
168 100

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: 36.431 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063605.D

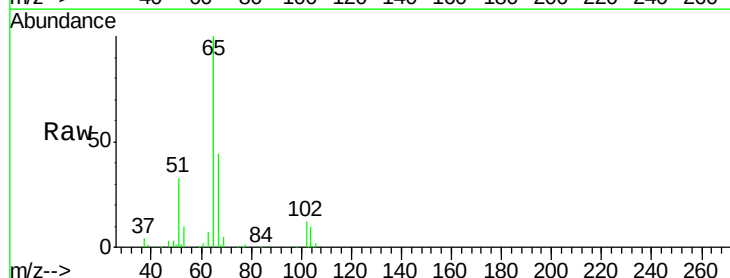
Acq: 15 Aug 2019 15:06

Tgt Ion: 65 Resp: 429070

Ion Ratio Lower Upper

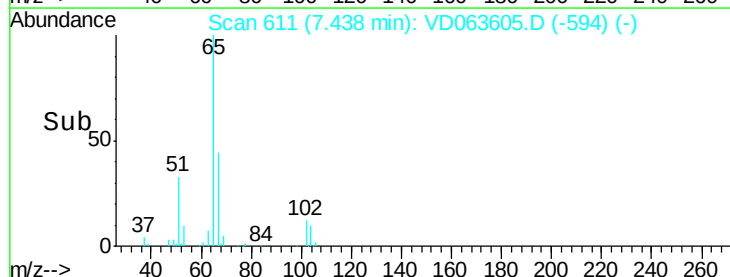
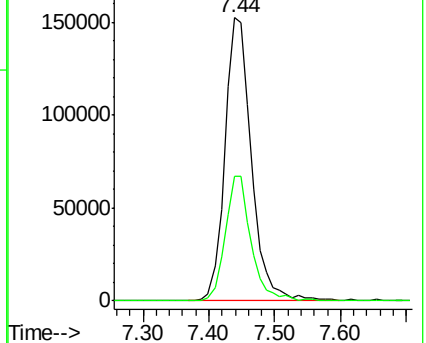
65 100

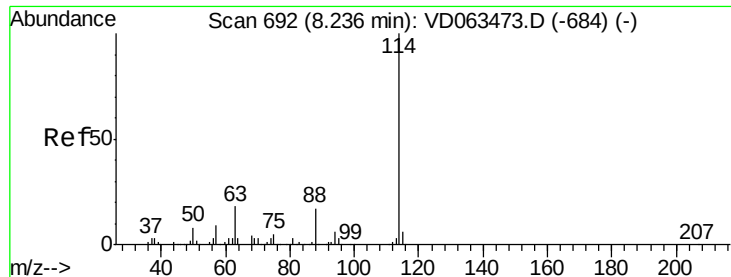
67 43.9 0.0 89.2



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: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

SAND-A

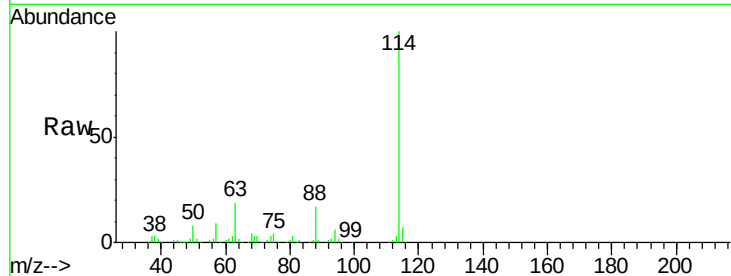
Tot Ion:114 Resp: 1483776

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.2

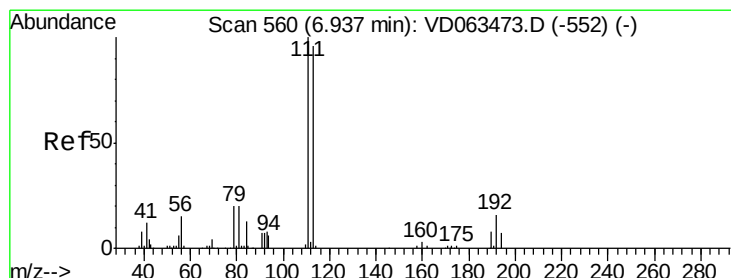
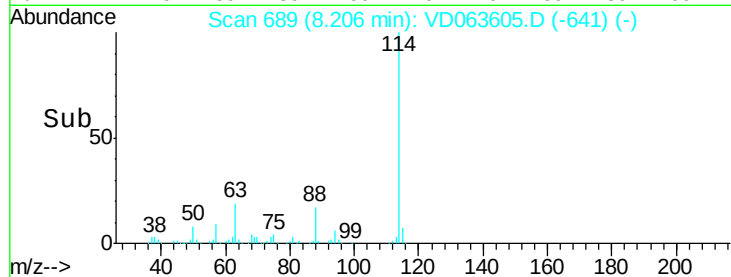
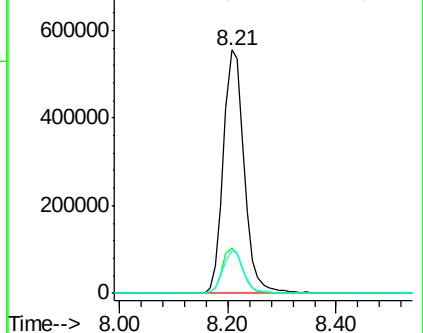
88 17.3 0.0 35.0



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: 40.761 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063605.D

Acq: 15 Aug 2019 15:06

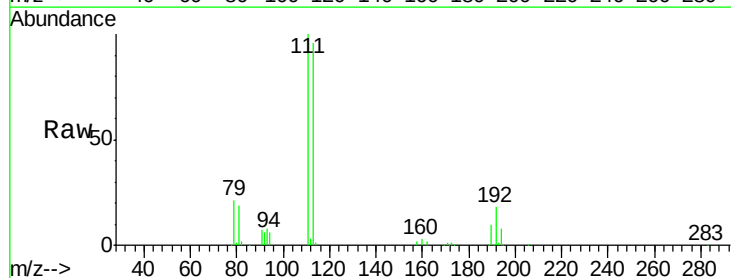
Tgt Ion:113 Resp: 509365

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

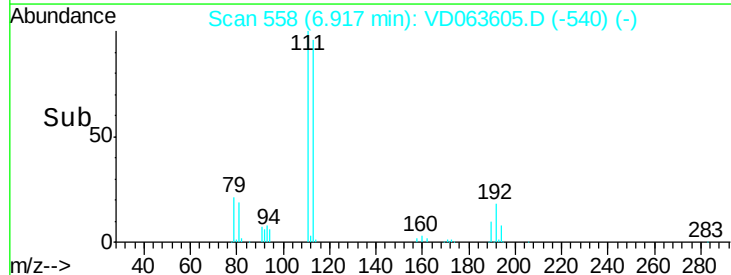
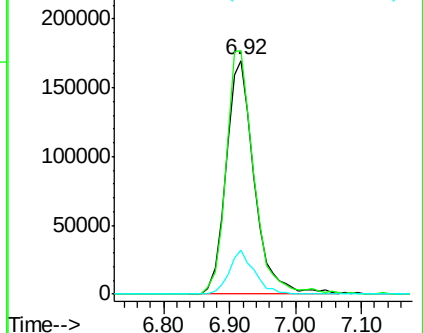
192 18.6 13.1 19.7

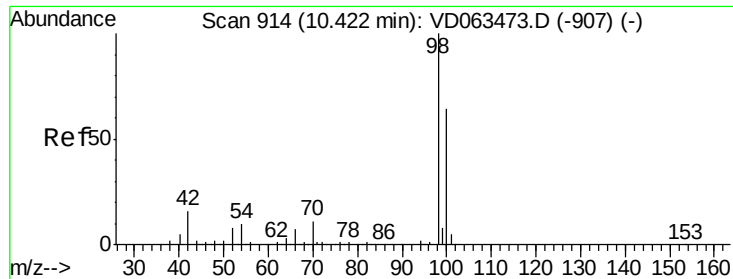


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

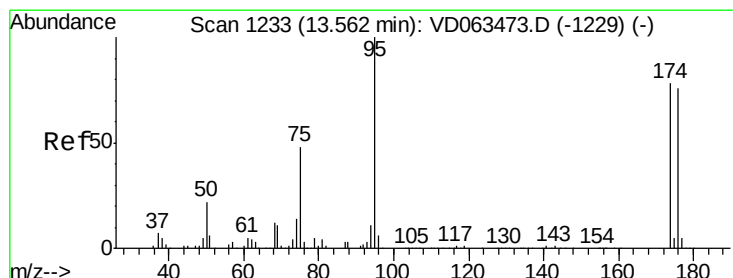
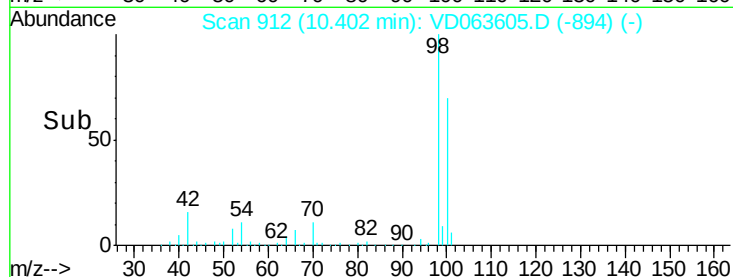
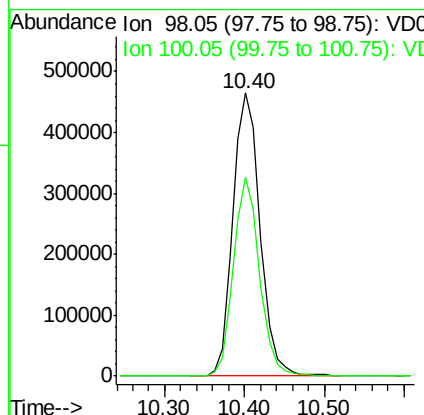
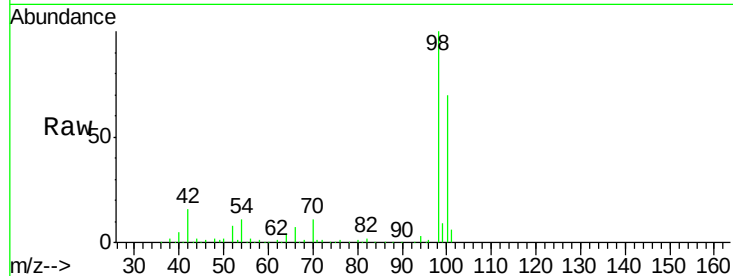




#50
Toluene-d8
Concen: 40.454 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063605.D
Acq: 15 Aug 2019 15:06

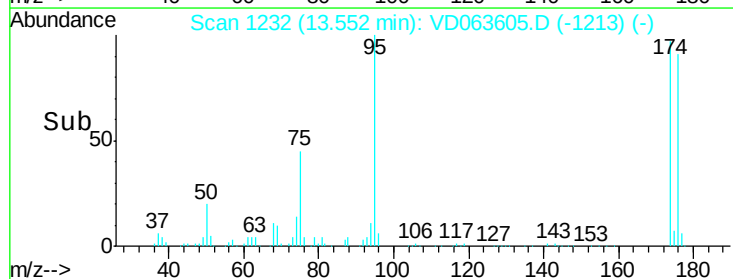
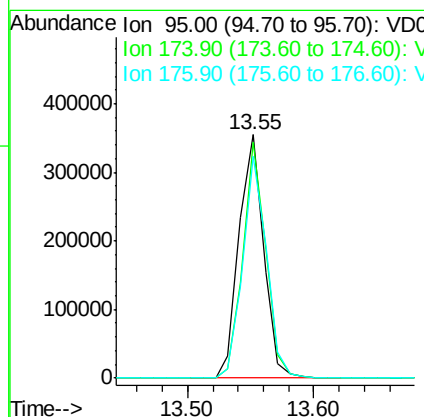
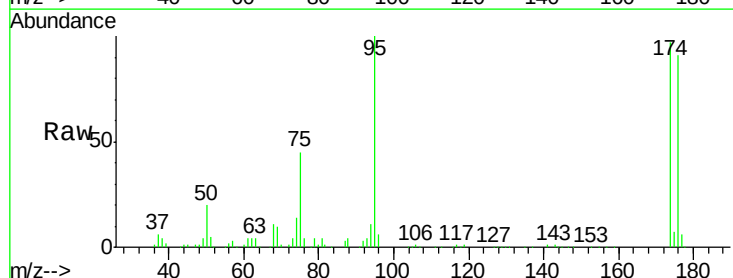
Instrument :
MSVOA_D
ClientSampled :
SAND-A

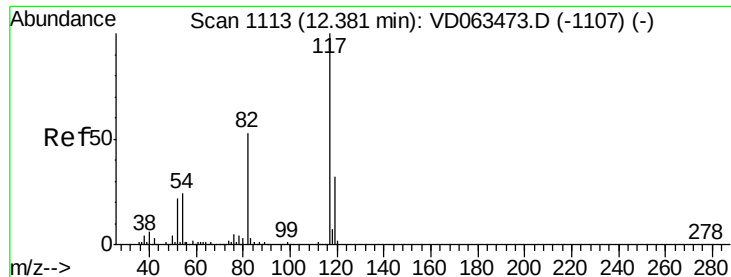
Tot Ion: 98 Resp: 1111422
Ion Ratio Lower Upper
98 100
100 70.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 38.327 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063605.D
Acq: 15 Aug 2019 15:06

Tgt Ion: 95 Resp: 477262
Ion Ratio Lower Upper
95 100
174 96.8 0.0 155.4
176 91.1 0.0 152.4

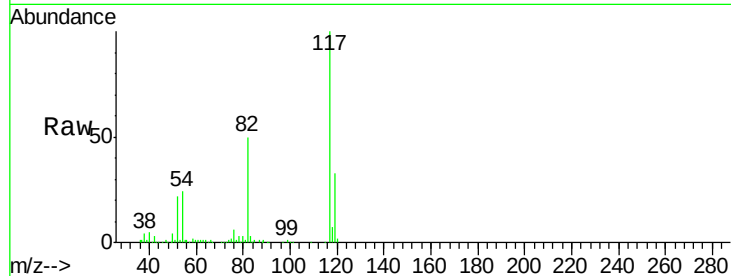




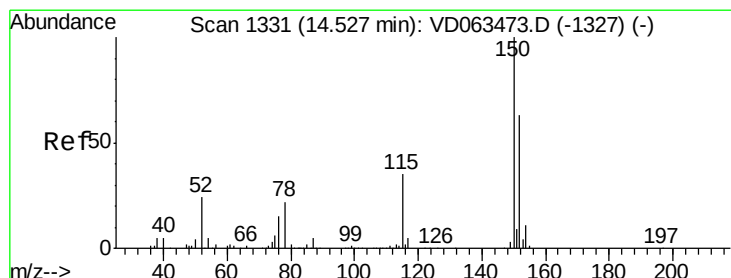
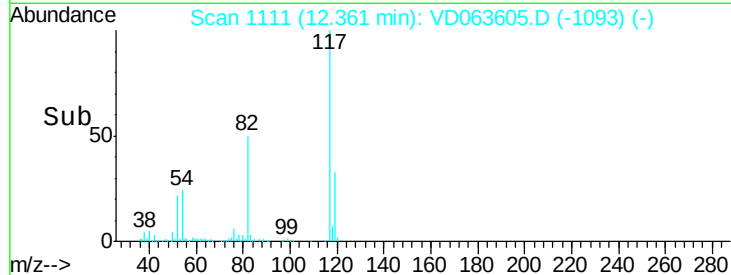
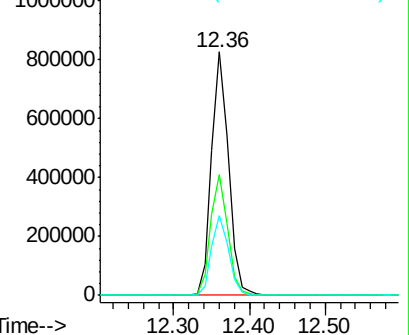
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063605.D
Acq: 15 Aug 2019 15:06

Instrument :
MSVOA_D
ClientSampleId :
SAND-A

Tot Ion:117 Resp: 1297797
Ion Ratio Lower Upper
117 100
82 49.6 42.0 63.0
119 32.8 25.4 38.0

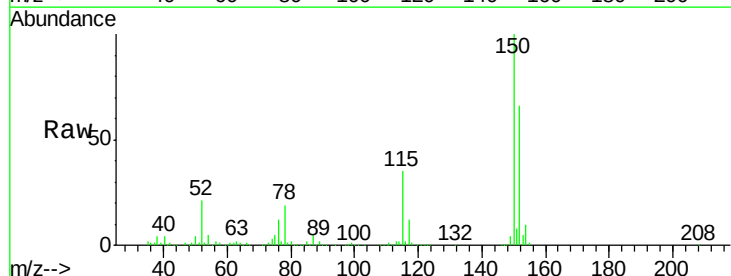


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063605.D
Acq: 15 Aug 2019 15:06

Tgt Ion:152 Resp: 581536
Ion Ratio Lower Upper
152 100
115 53.4 30.9 92.7
150 151.1 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

