

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081419\
 Data File : VD063586.D
 Acq On : 14 Aug 2019 20:47
 Operator : JC/SY
 Sample : K4290-05
 Misc : 5.04g/5ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5

Quant Time: Aug 22 08:33:13 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	913372	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1258581	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1099401	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	557495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	404078	41.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	82.78%	
35) Dibromofluoromethane	6.93	113	461572	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
50) Toluene-d8	10.41	98	942759	40.45	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.90%	
62) 4-Bromofluorobenzene	13.56	95	431808	40.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.76%	

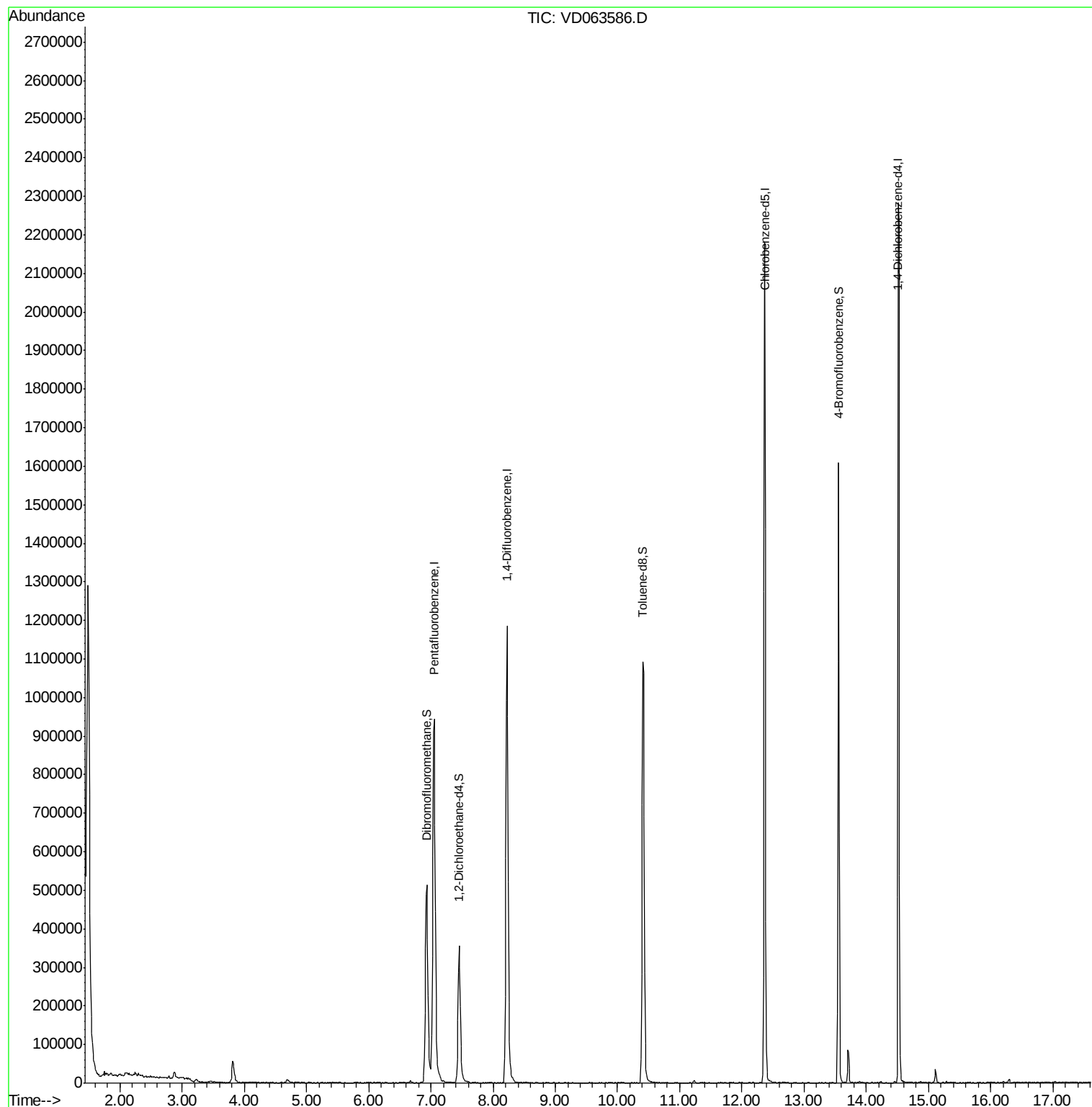
Target Compounds	Qvalue
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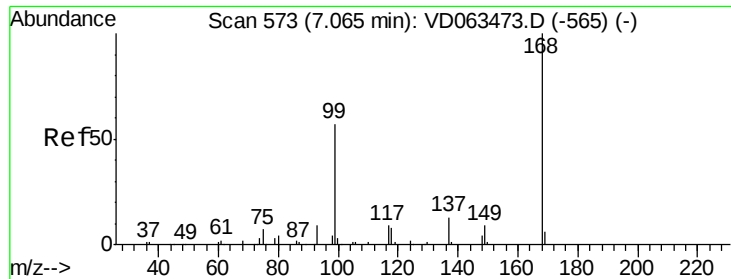
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063586.D

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MSVOA_D

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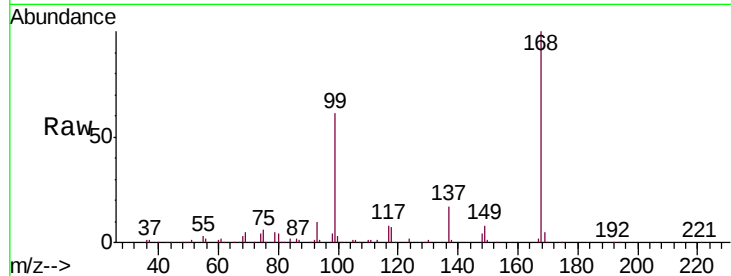
B-5

Tgt Ion:168 Resp: 913372

Ion Ratio Lower Upper

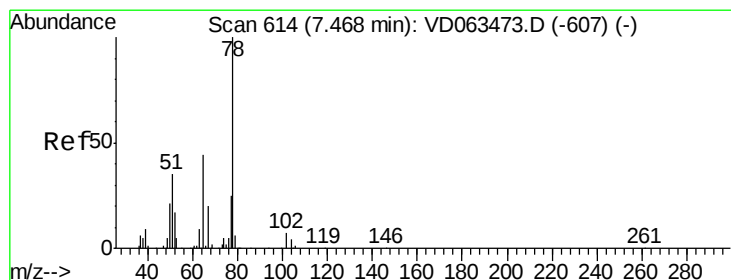
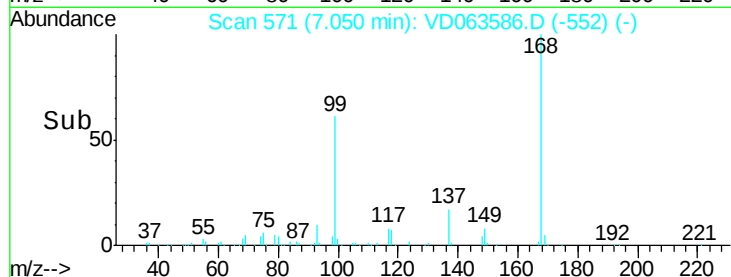
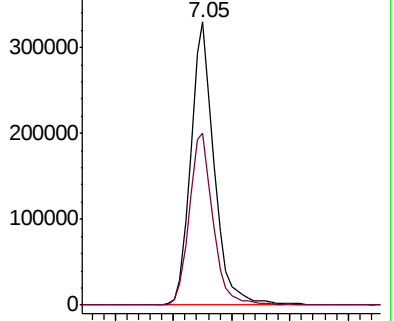
168 100

99 60.7 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: 41.388 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063586.D

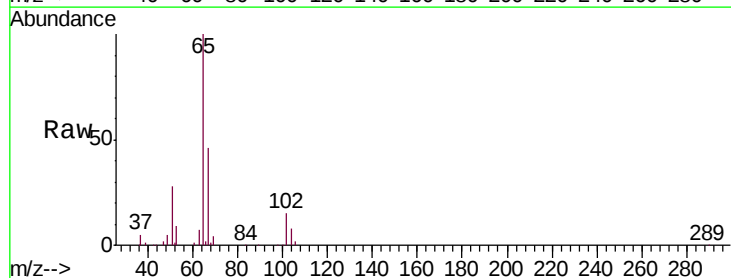
Acq: 14 Aug 2019 20:47

Tgt Ion: 65 Resp: 404078

Ion Ratio Lower Upper

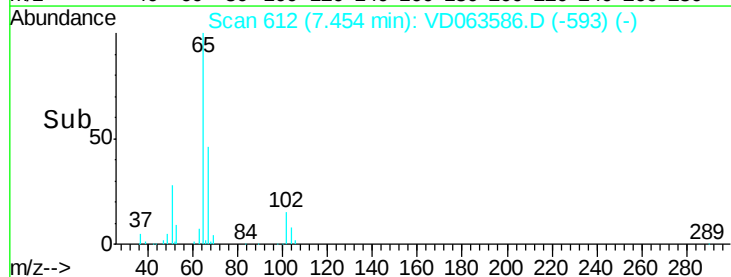
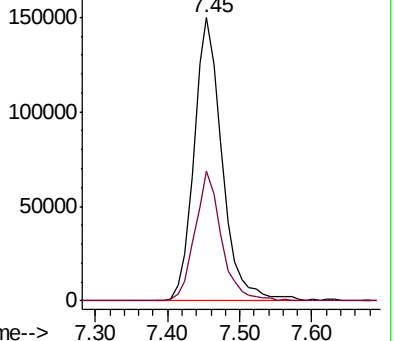
65 100

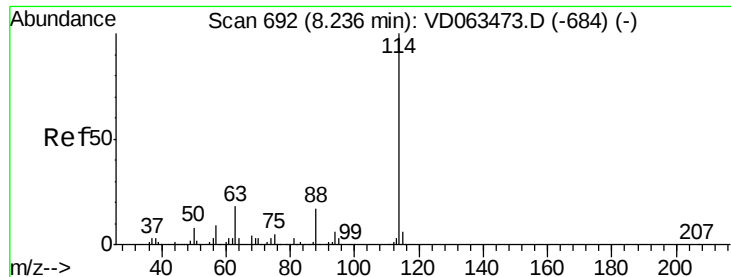
67 45.9 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063586.D

Acq: 14 Aug 2019 20:47

Instrument :

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ClientSampleId :

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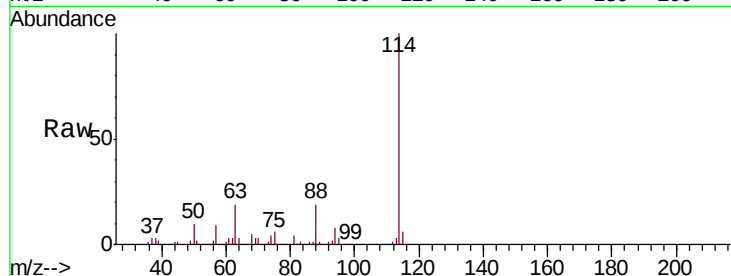
Tgt Ion:114 Resp: 1258581

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.2

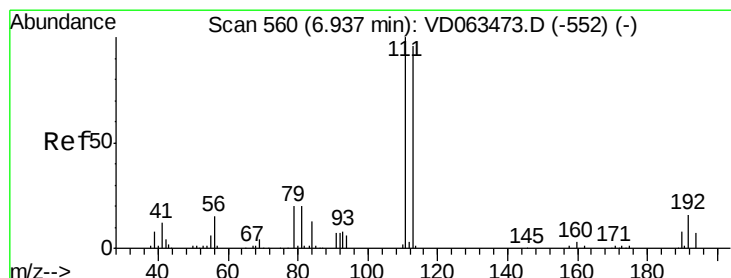
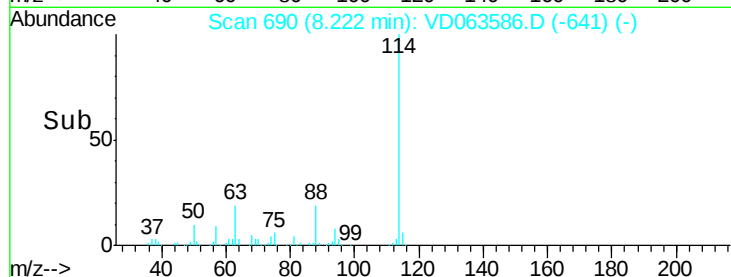
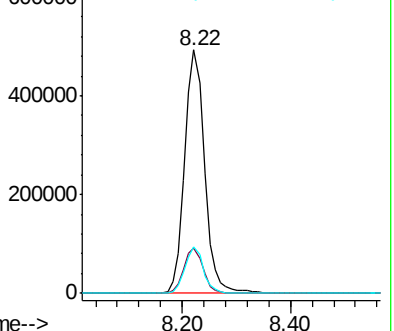
88 18.9 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 43.545 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063586.D

Acq: 14 Aug 2019 20:47

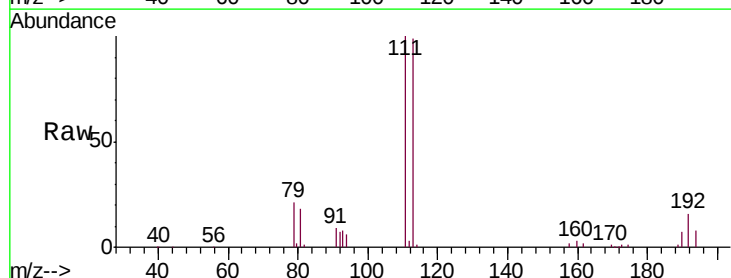
Tgt Ion:113 Resp: 461572

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

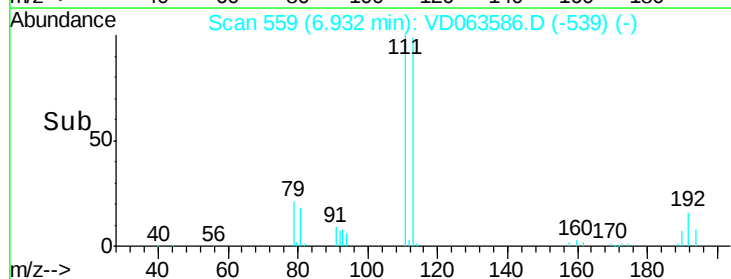
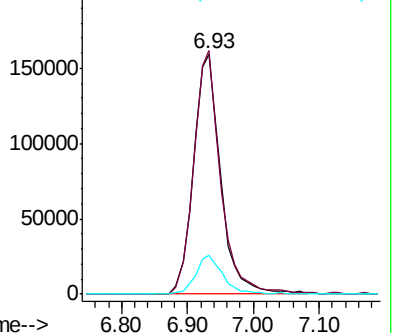
192 16.3 13.1 19.7

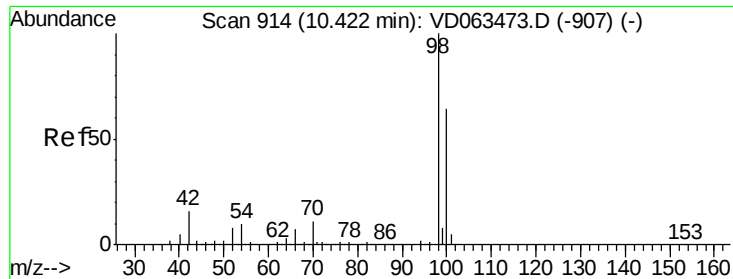


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

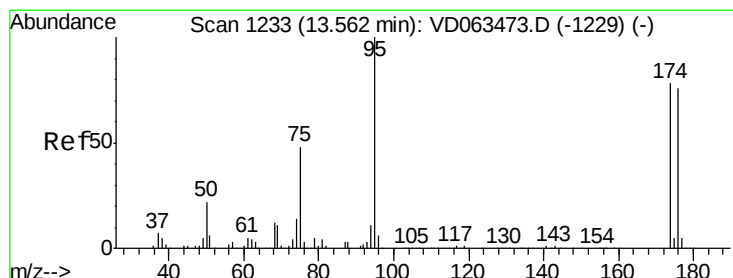
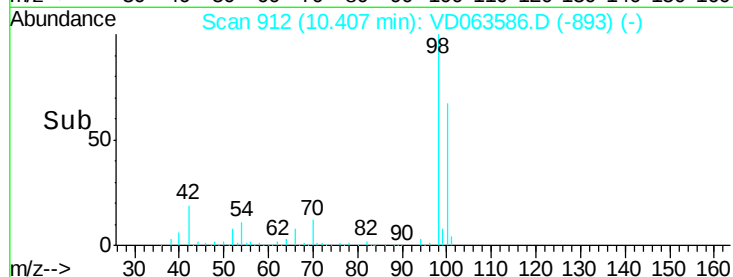
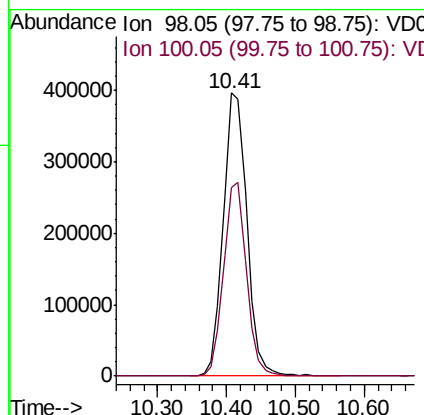
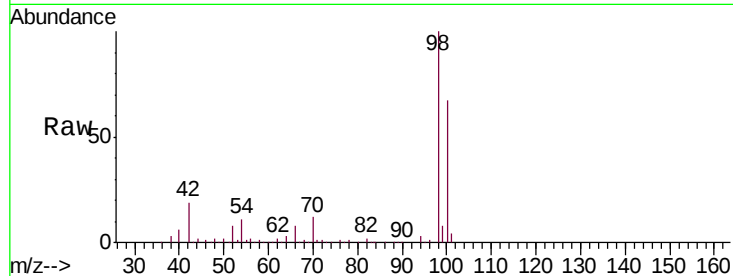




#50
Toluene-d8
Concen: 40.454 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063586.D
Acq: 14 Aug 2019 20:47

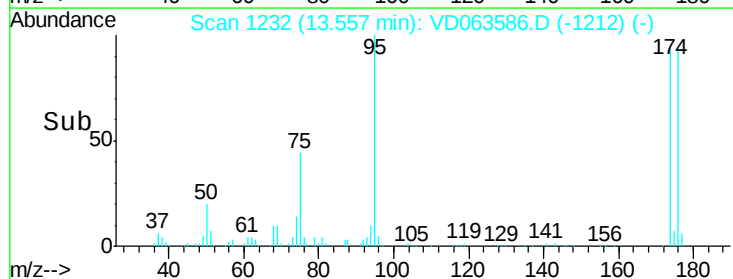
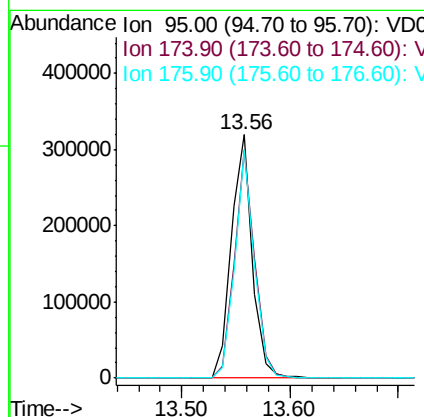
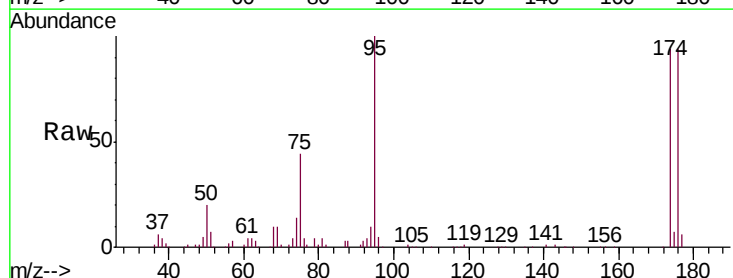
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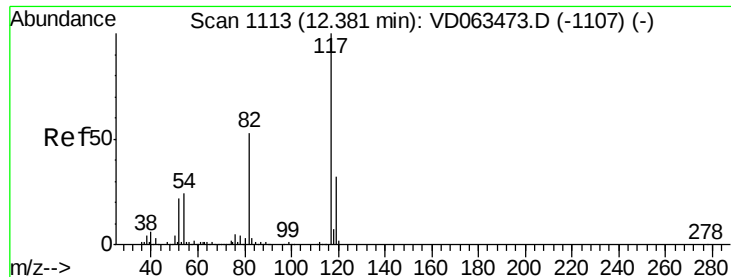
Tgt Ion: 98 Resp: 942759
Ion Ratio Lower Upper
98 100
100 66.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 40.881 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063586.D
Acq: 14 Aug 2019 20:47

Tgt Ion: 95 Resp: 431808
Ion Ratio Lower Upper
95 100
174 93.9 0.0 155.4
176 93.9 0.0 152.4

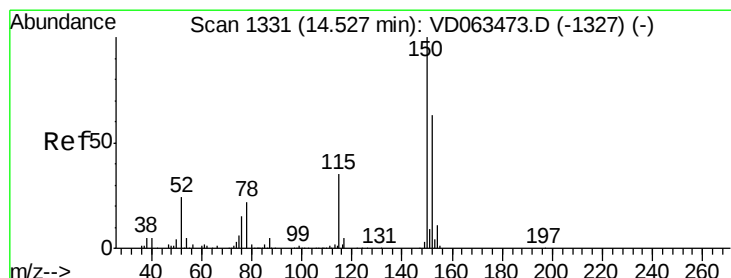
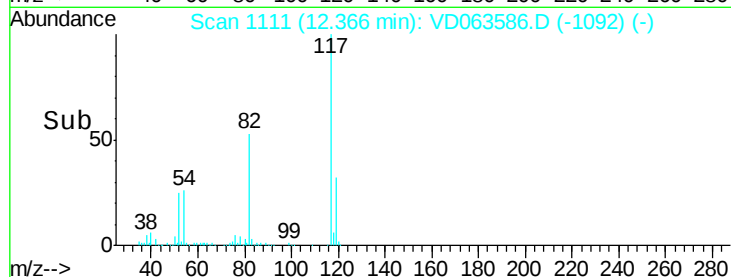
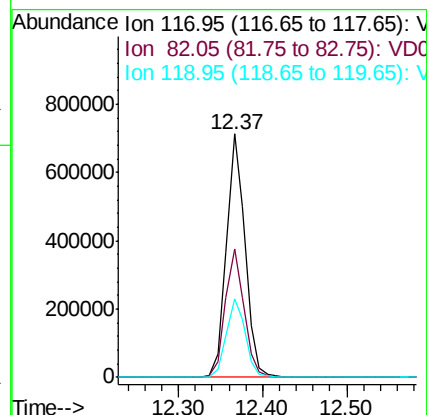
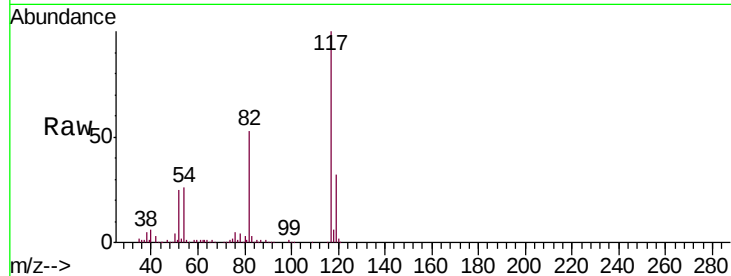




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063586.D
Acq: 14 Aug 2019 20:47

Instrument :
MSVOA_D
ClientSampleId :
B-5

Tgt Ion:117 Resp: 1099401
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063586.D
Acq: 14 Aug 2019 20:47

Tgt Ion:152 Resp: 557495
Ion Ratio Lower Upper
152 100
115 53.9 30.9 92.7
150 152.5 0.0 318.6

