

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063062.D
 Acq On : 10 Jul 2019 17:10
 Operator : VA/AP
 Sample : K3726-04
 Misc : 4.98g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-4_070919

Quant Time: Jul 11 07:39:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	838748	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1153994	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	896894	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	465388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	356429	39.09	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.18%	
35) Dibromofluoromethane	6.92	113	450991	46.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	10.40	98	949927	44.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.70%	
62) 4-Bromofluorobenzene	13.55	95	417220	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	

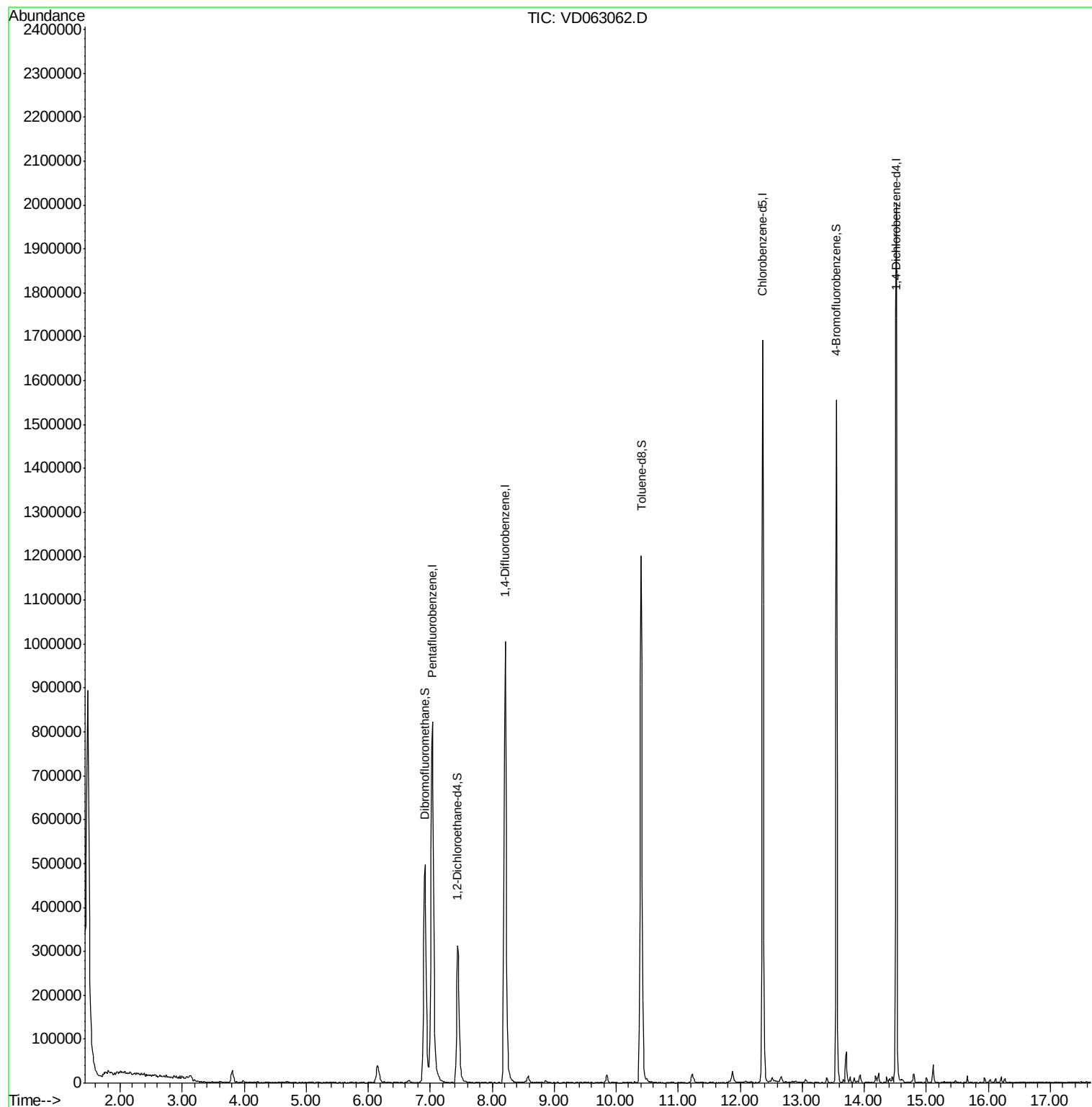
Target Compounds	Qvalue

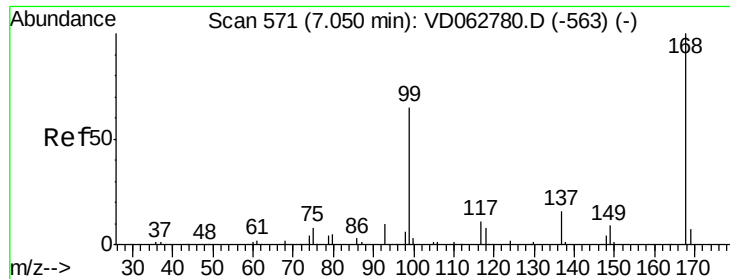
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063062.D

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Instrument :

MSVOA_D

ClientSampleId :

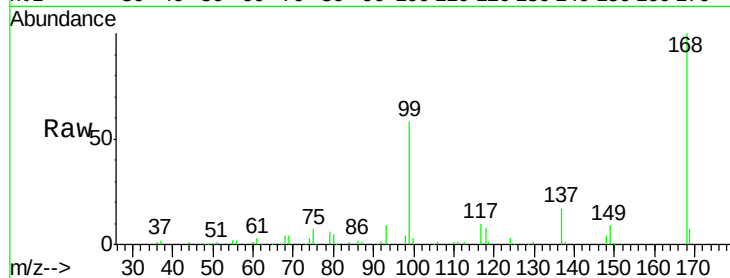
PX-4_070919

Tot Ion:168 Resp: 838748

Ion Ratio Lower Upper

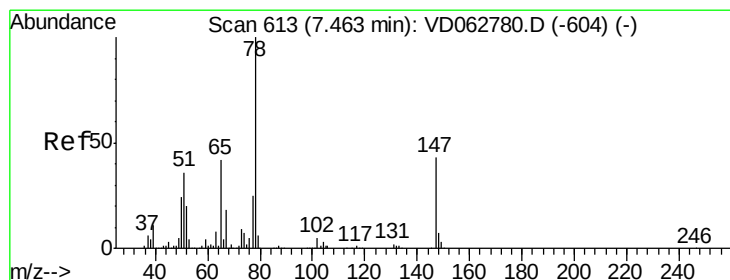
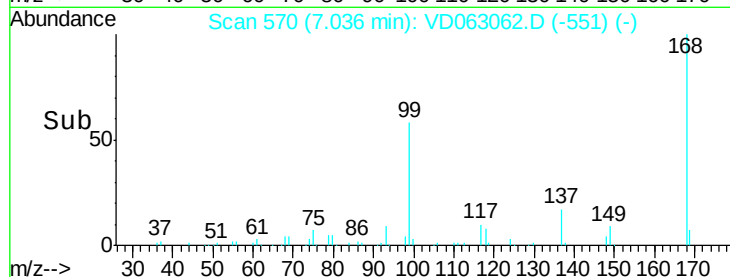
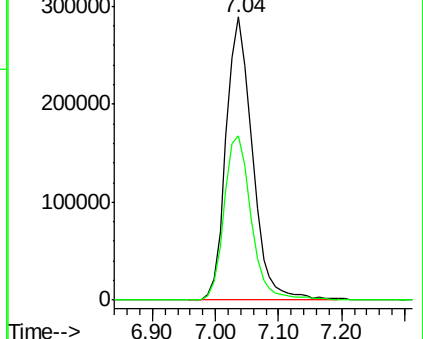
168 100

99 58.2 53.0 79.6



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: 39.095 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063062.D

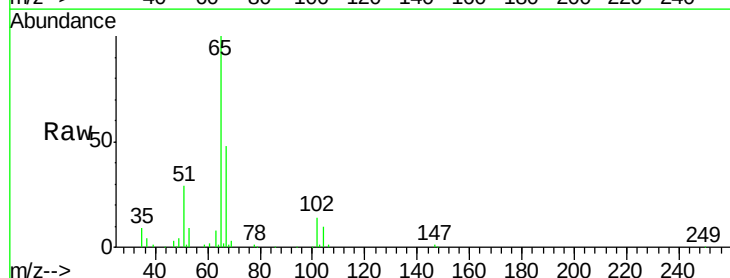
Acq: 10 Jul 2019 17:10

Tgt Ion: 65 Resp: 356429

Ion Ratio Lower Upper

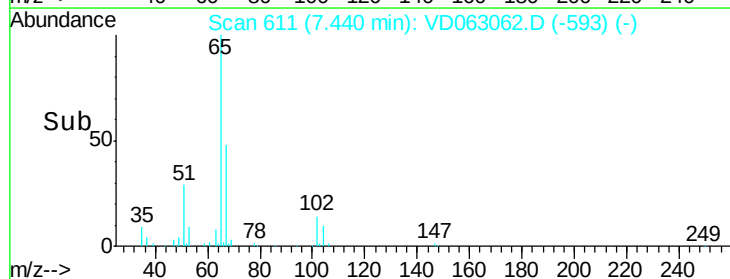
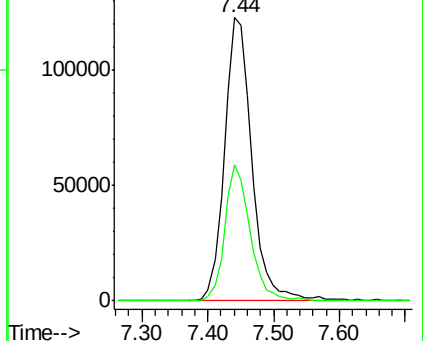
65 100

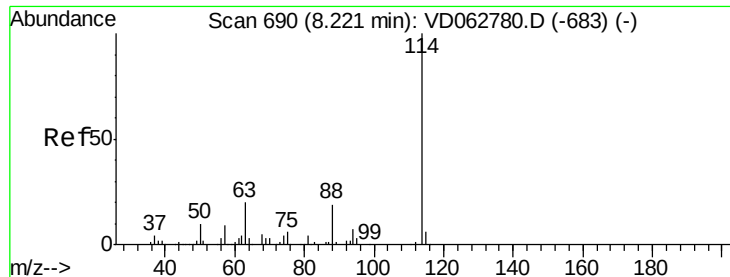
67 47.9 0.0 87.4



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. -0.01 min

Lab File: VD063062.D

Acq: 10 Jul 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

PX-4_070919

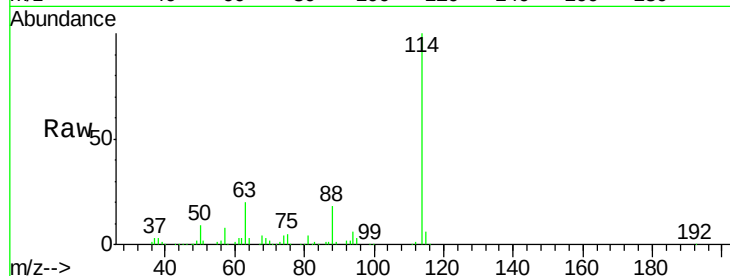
Tot Ion:114 Resp: 1153994

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

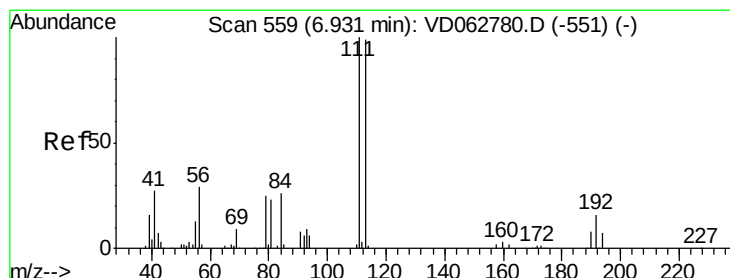
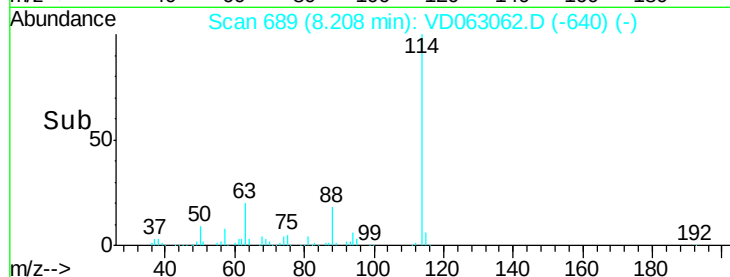
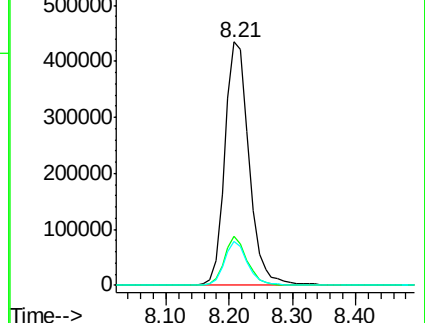
88 18.0 0.0 38.8



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: 46.349 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063062.D

Acq: 10 Jul 2019 17:10

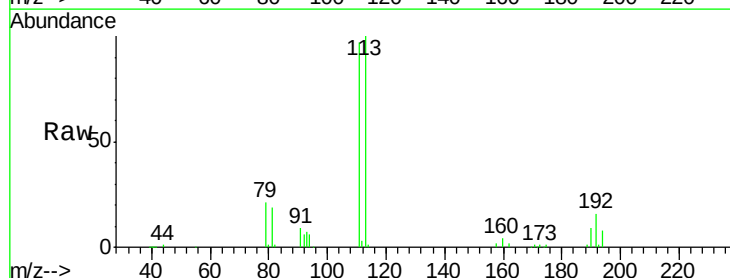
Tgt Ion:113 Resp: 450991

Ion Ratio Lower Upper

113 100

111 97.4 81.2 121.8

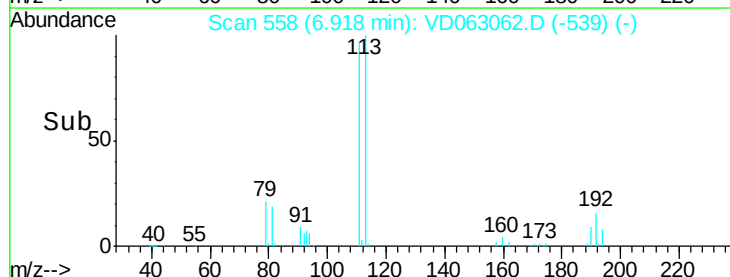
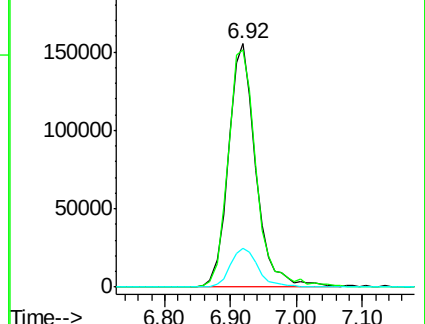
192 16.0 12.9 19.3

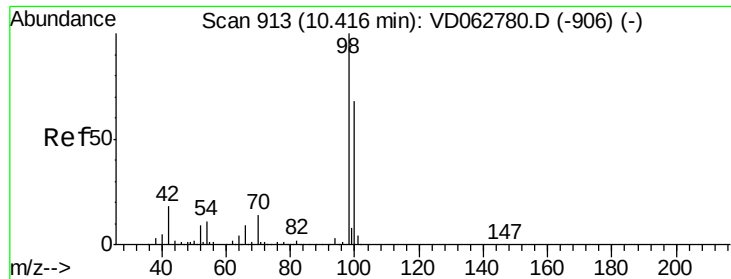


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

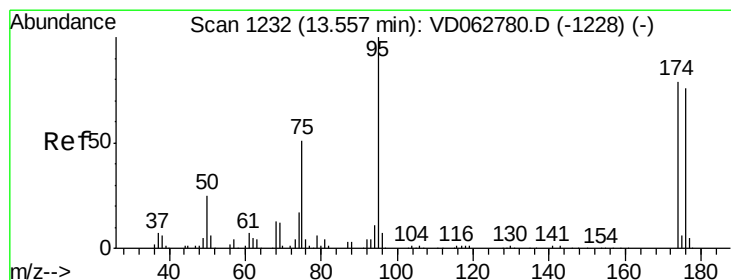
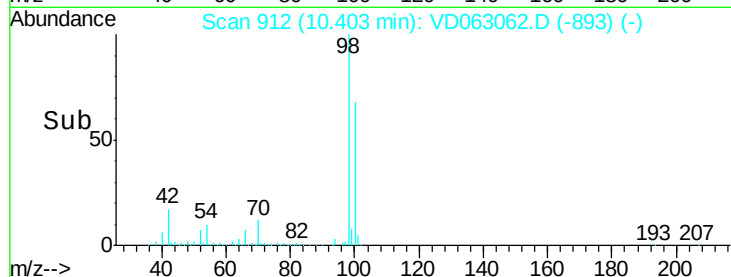
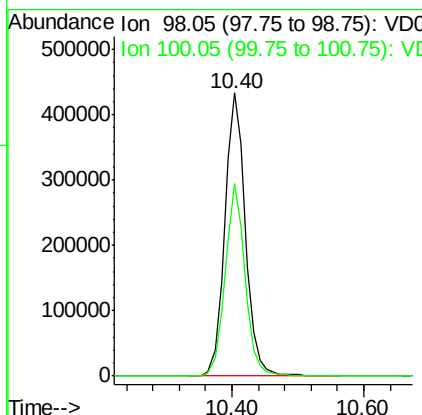
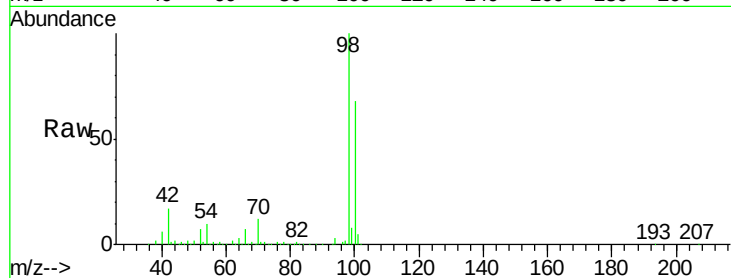




#50
Toluene-d8
Concen: 44.855 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063062.D
Acq: 10 Jul 2019 17:10

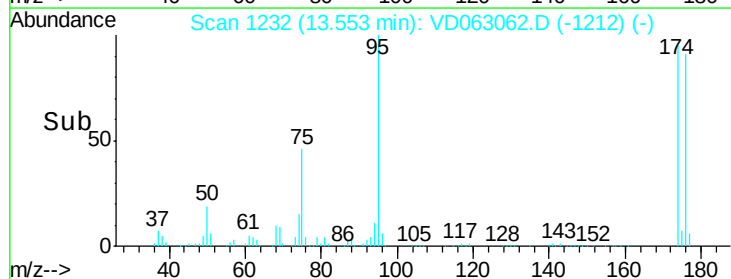
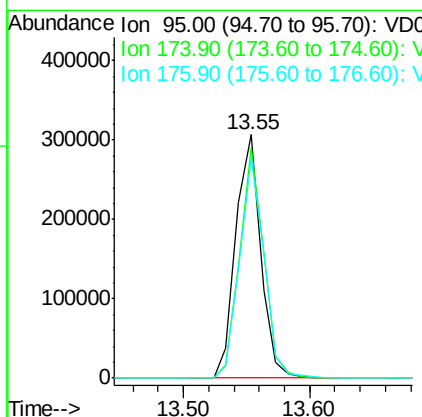
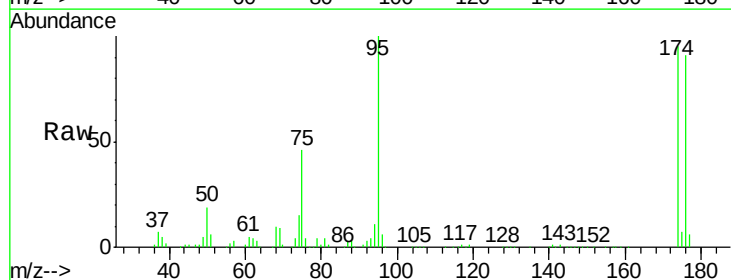
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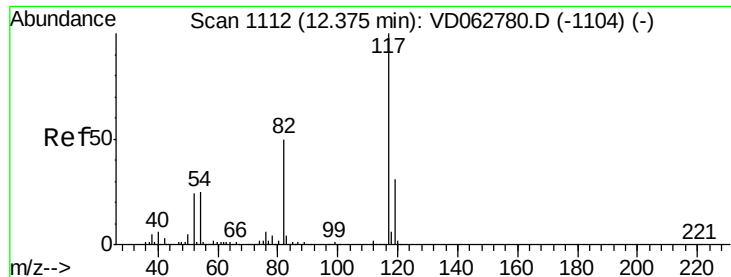
Tot Ion: 98 Resp: 949927
Ion Ratio Lower Upper
98 100
100 68.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 43.326 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063062.D
Acq: 10 Jul 2019 17:10

Tgt Ion: 95 Resp: 417220
Ion Ratio Lower Upper
95 100
174 94.9 0.0 158.0
176 90.6 0.0 151.6

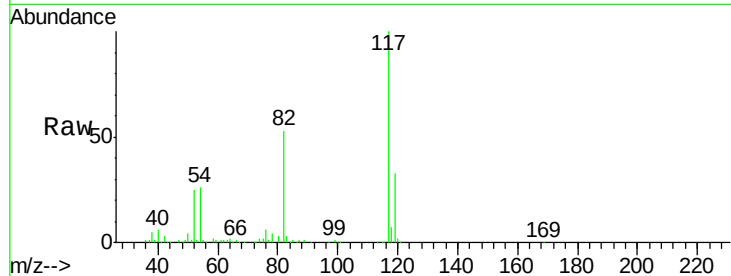




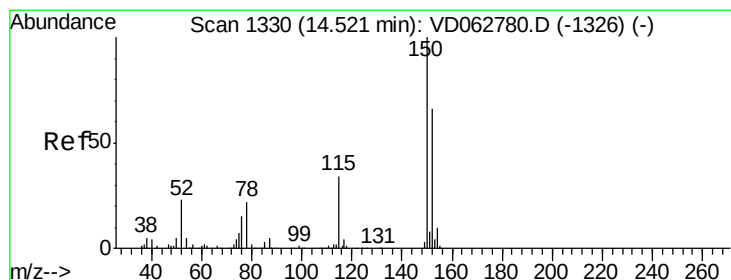
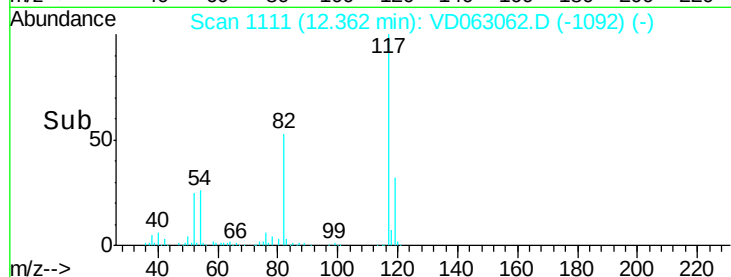
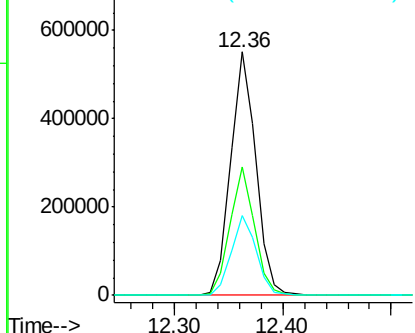
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063062.D
Acq: 10 Jul 2019 17:10

Instrument :
MSVOA_D
ClientSampleId :
PX-4_070919

Tot Ion:117 Resp: 896894
Ion Ratio Lower Upper
117 100
82 52.8 40.4 60.6
119 32.5 25.2 37.8

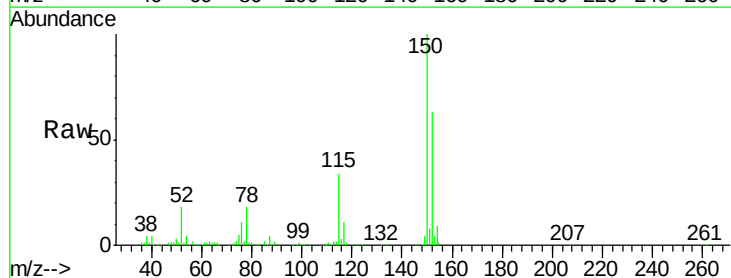


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063062.D
Acq: 10 Jul 2019 17:10

Tgt Ion:152 Resp: 465388
Ion Ratio Lower Upper
152 100
115 54.0 29.2 87.6
150 158.0 0.0 305.8



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

