

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063527.D
 Acq On : 13 Aug 2019 15:15
 Operator : JC/SY
 Sample : K4295-01
 Misc : 4.75g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-01_080919

Quant Time: Aug 14 08:56:02 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	1179135	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1630757	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1379157	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	687979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	531158	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	
35) Dibromofluoromethane	6.93	113	592097	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
50) Toluene-d8	10.42	98	1257192	41.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.26%	
62) 4-Bromofluorobenzene	13.56	95	543520	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	

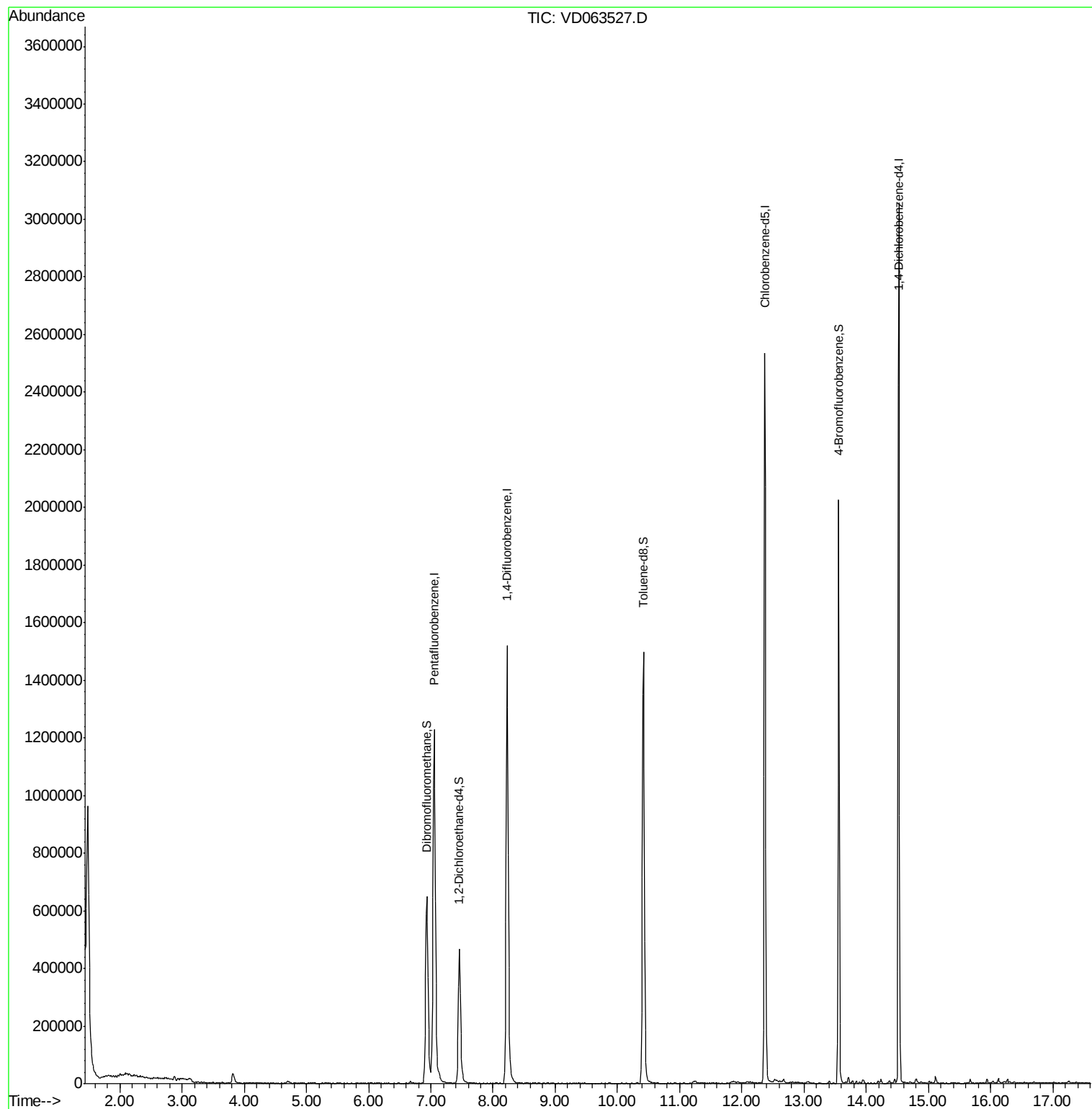
Target Compounds	Qvalue

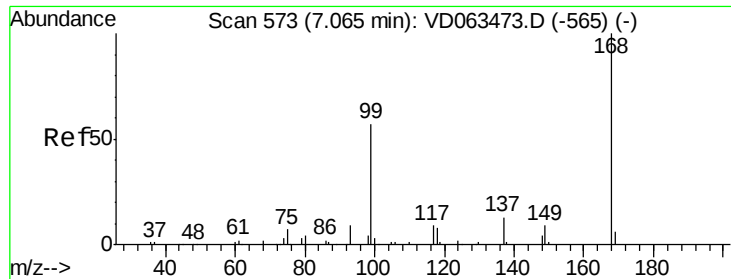
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

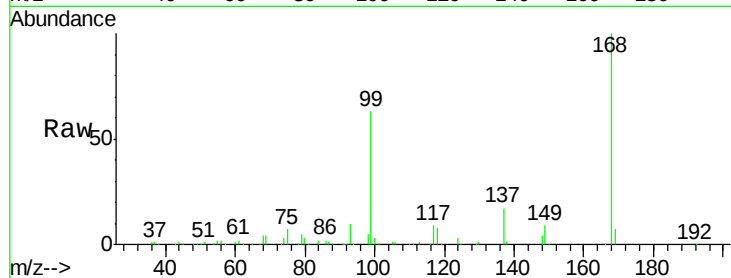
PX-01_080919

Tot Ion:168 Resp: 1179135

Ion Ratio Lower Upper

168 100

99 62.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

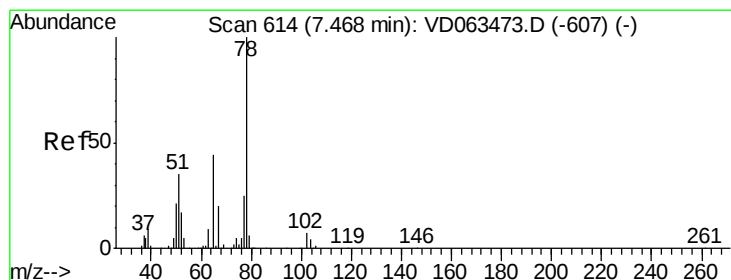
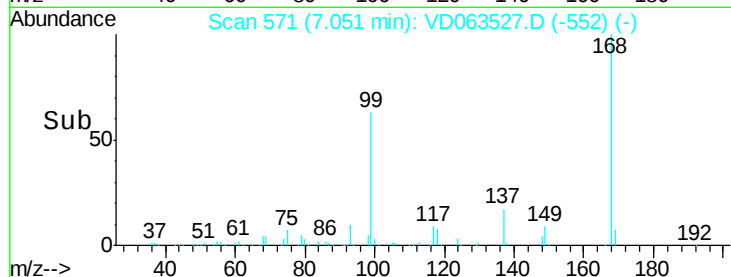
200000

100000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#33

1,2-Dichloroethane-d4

Concen: 42.142 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063527.D

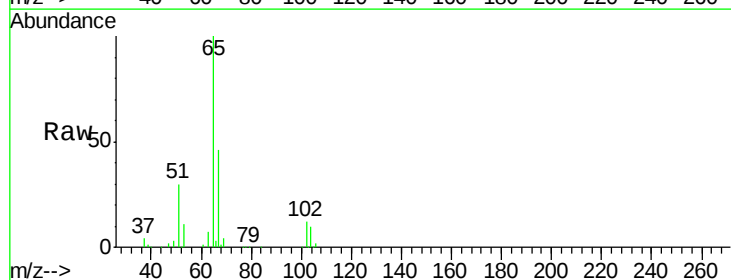
Acq: 13 Aug 2019 15:15

Tgt Ion: 65 Resp: 531158

Ion Ratio Lower Upper

65 100

67 46.3 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

150000

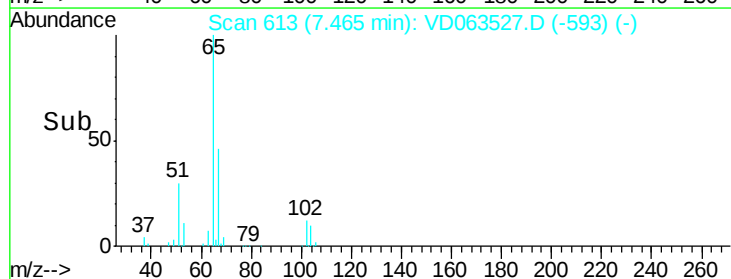
100000

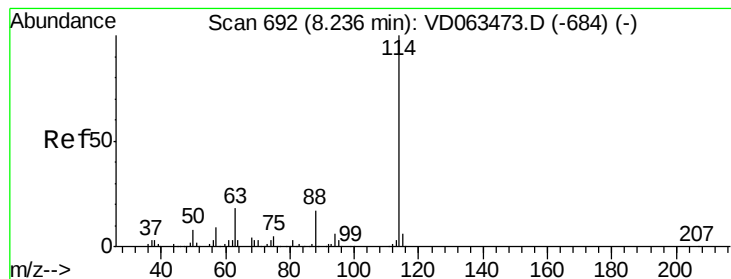
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

Instrument :

MSVOA_D

ClientSampleId :

PX-01_080919

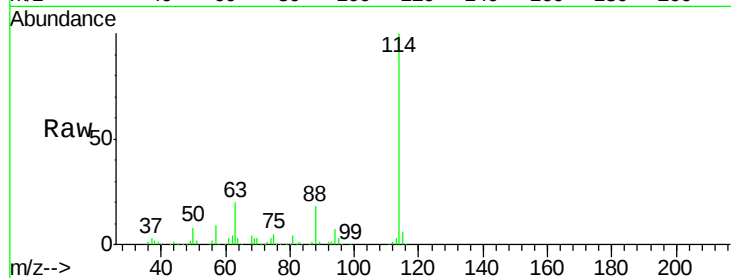
Tot Ion:114 Resp: 1630757

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

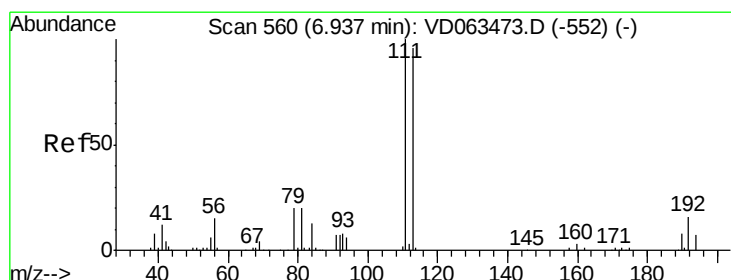
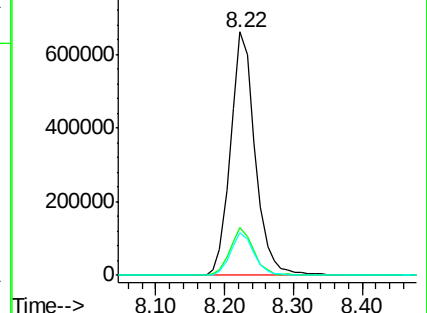
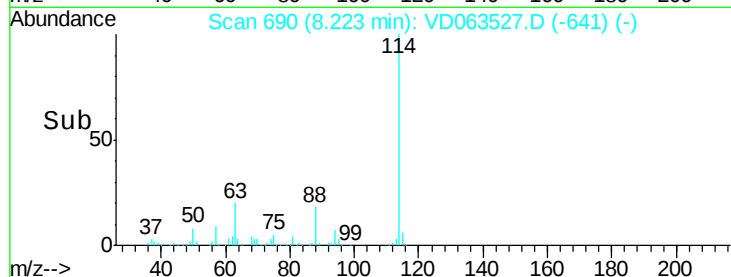
88 17.6 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 43.111 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063527.D

Acq: 13 Aug 2019 15:15

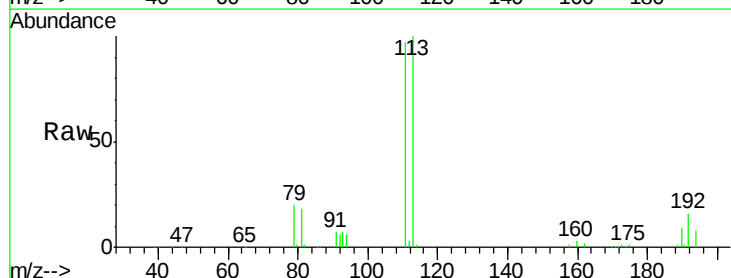
Tgt Ion:113 Resp: 592097

Ion Ratio Lower Upper

113 100

111 97.5 83.1 124.7

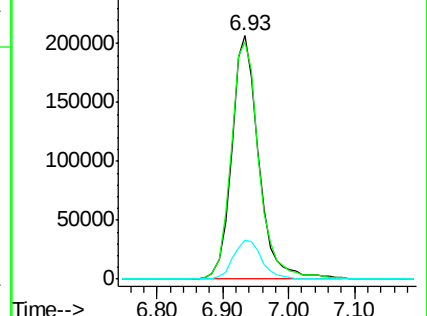
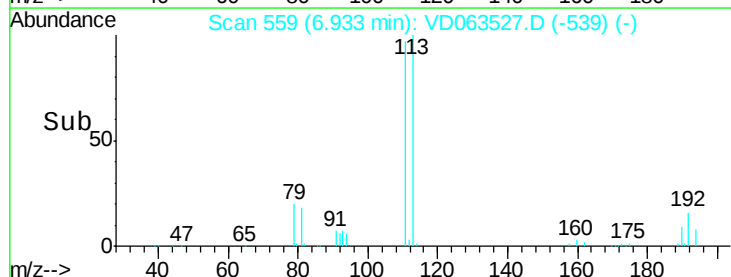
192 16.1 13.1 19.7

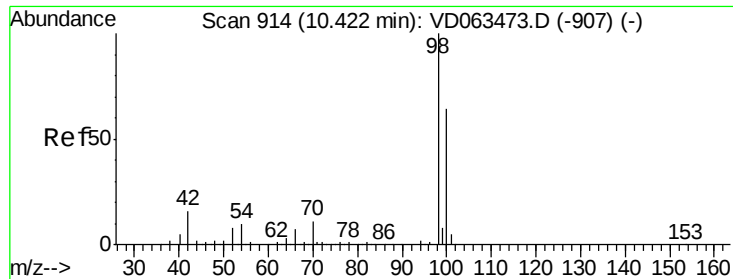


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

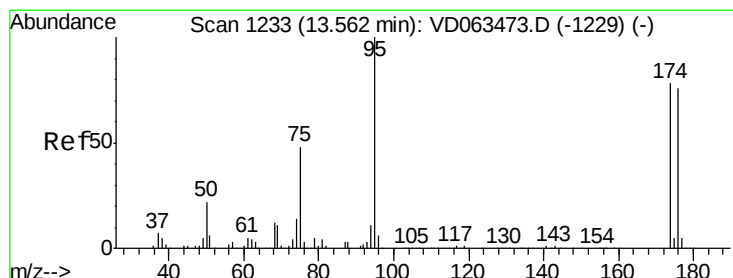
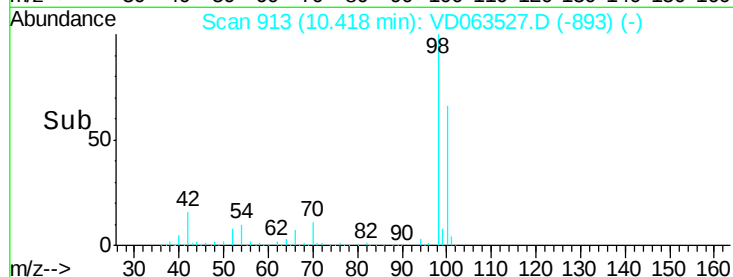
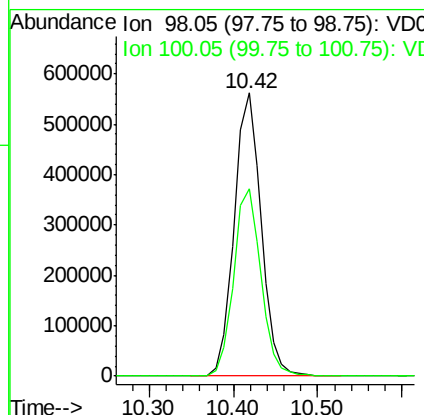
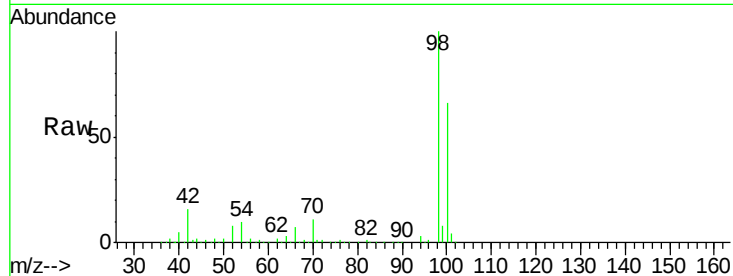




#50
Toluene-d8
Concen: 41.635 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

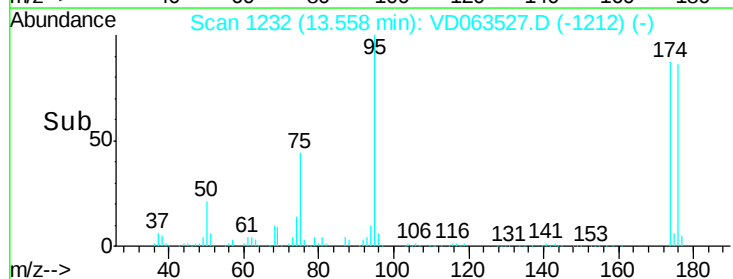
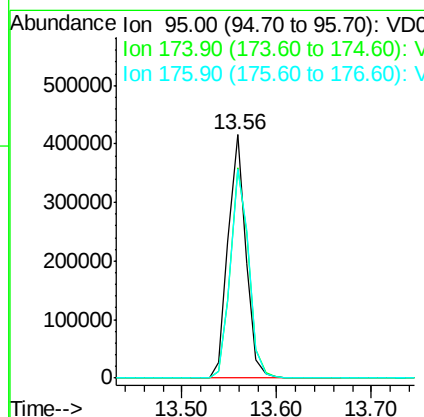
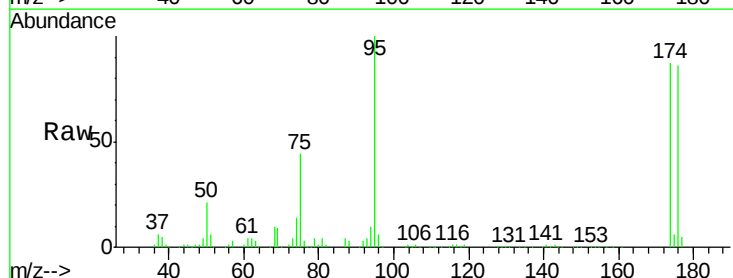
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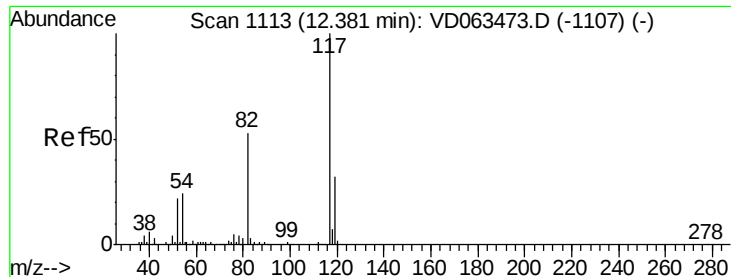
Tot Ion: 98 Resp: 1257192
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 39.714 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Tgt Ion: 95 Resp: 543520
Ion Ratio Lower Upper
95 100
174 86.5 0.0 155.4
176 86.1 0.0 152.4

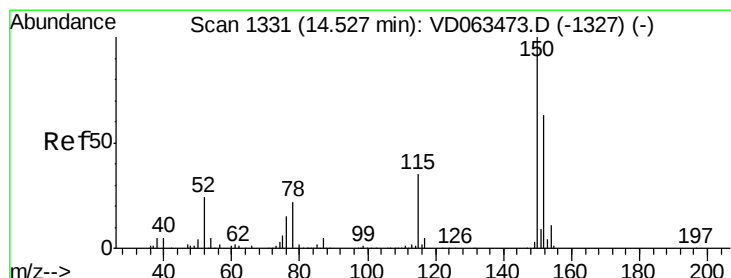
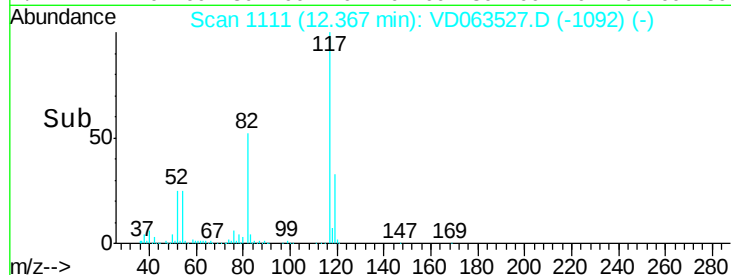
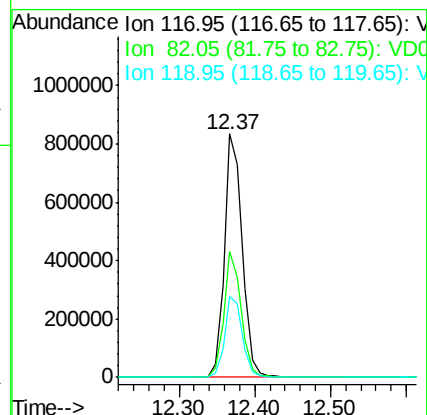
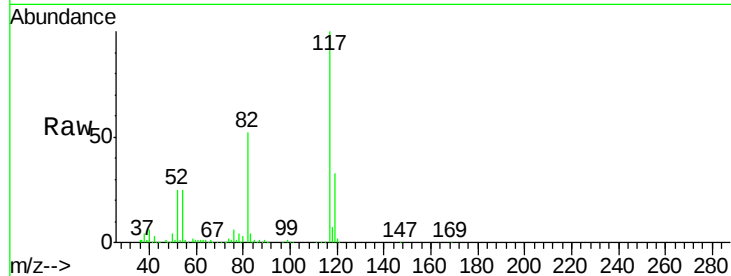




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063527.D
Acq: 13 Aug 2019 15:15

Instrument :
MSVOA_D
ClientSampleId :
PX-01_080919

Tot Ion:117 Resp: 1379157
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 33.1 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: VD063527.D
Acq: 13 Aug 2019 15:15

Tgt Ion:152 Resp: 687979
Ion Ratio Lower Upper
152 100
115 57.0 30.9 92.7
150 156.6 0.0 318.6

