

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063529.D
 Acq On : 13 Aug 2019 16:09
 Operator : JC/SY
 Sample : K4295-03
 Misc : 5.18g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-03_080919

Quant Time: Aug 14 09:00:44 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	1098685	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	1667197	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1373877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	641095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	469479	39.98	ug/l	0.00
Spiked Amount						
			Recovery	=		79.96%
35) Dibromofluoromethane	6.94	113	531912	37.88	ug/l	0.00
Spiked Amount						
			Recovery	=		75.76%
50) Toluene-d8	10.41	98	999219	32.37	ug/l	0.00
Spiked Amount						
			Recovery	=		64.74%
62) 4-Bromofluorobenzene	13.56	95	474661	33.92	ug/l	0.00
Spiked Amount						
			Recovery	=		67.84%

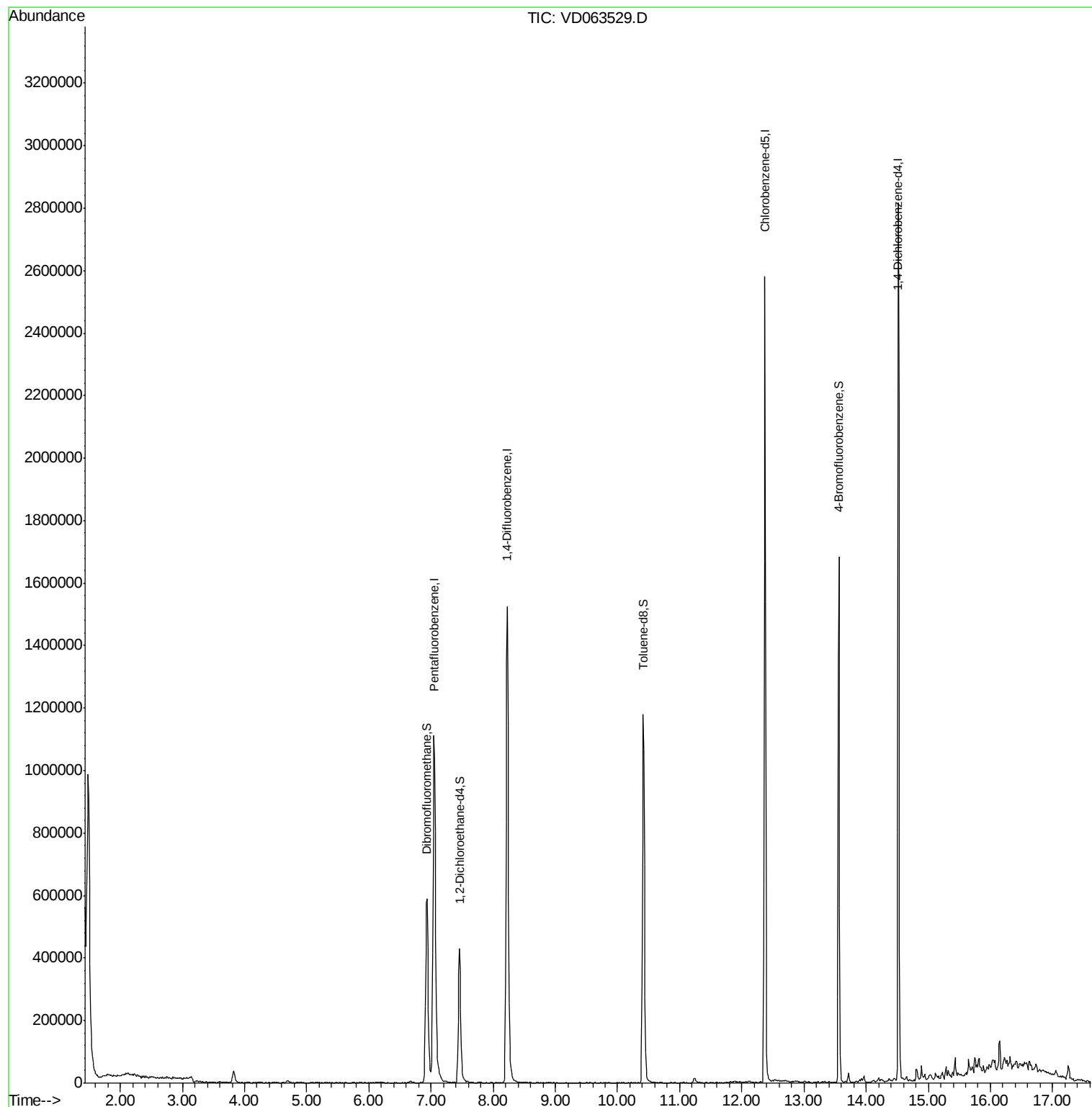
Target Compounds	Qvalue
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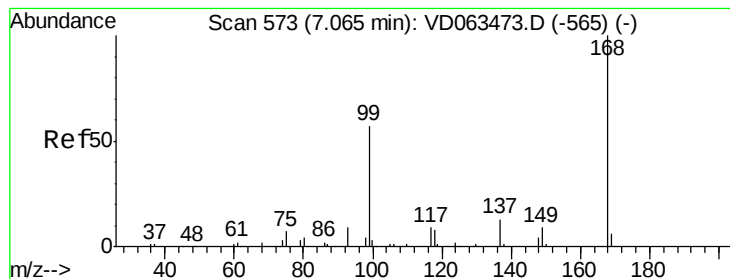
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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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: VD063529.D

Acq: 13 Aug 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

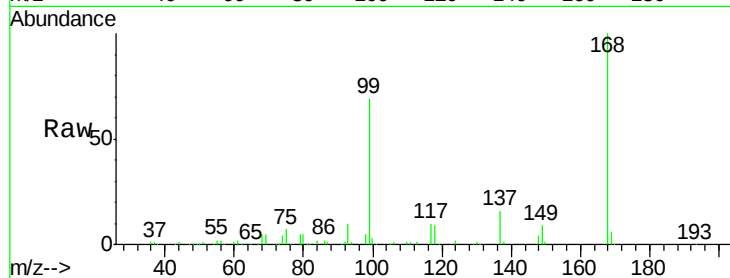
PX-03_080919

Tot Ion:168 Resp: 1098685

Ion Ratio Lower Upper

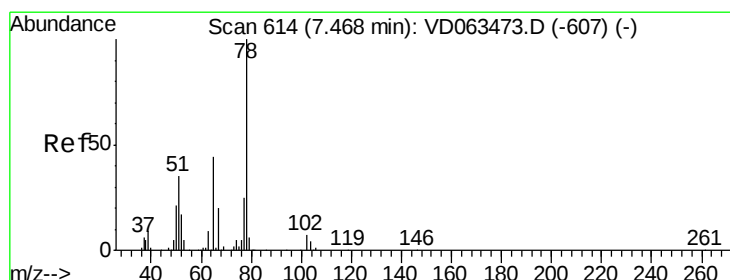
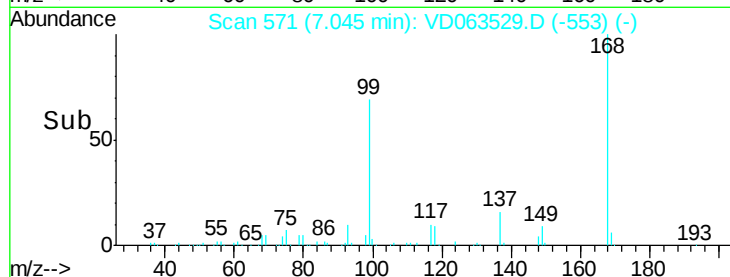
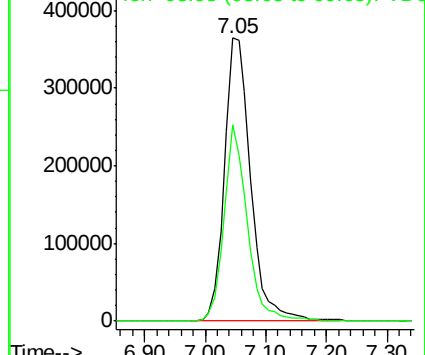
168 100

99 69.5 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: 39.976 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063529.D

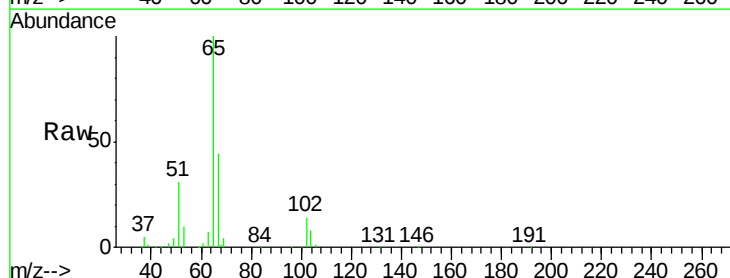
Acq: 13 Aug 2019 16:09

Tgt Ion: 65 Resp: 469479

Ion Ratio Lower Upper

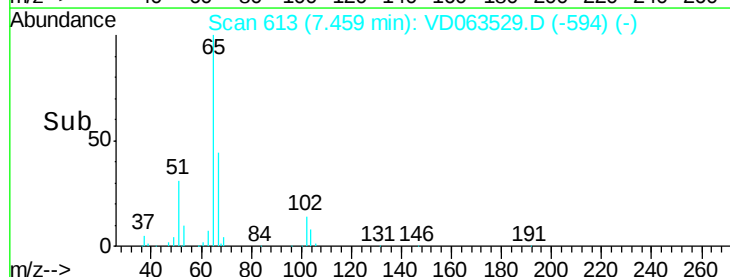
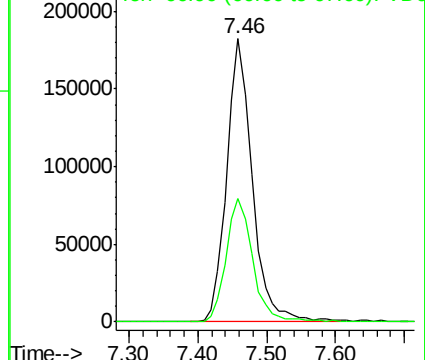
65 100

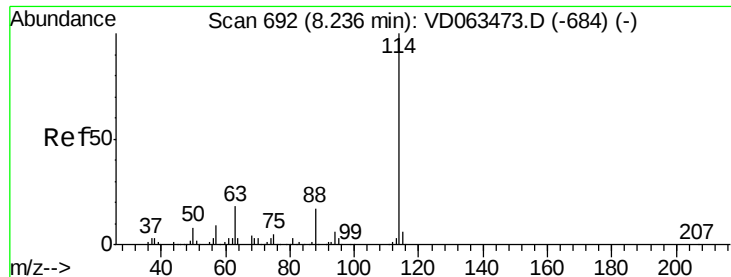
67 43.6 0.0 89.2



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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063529.D

Acq: 13 Aug 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

PX-03_080919

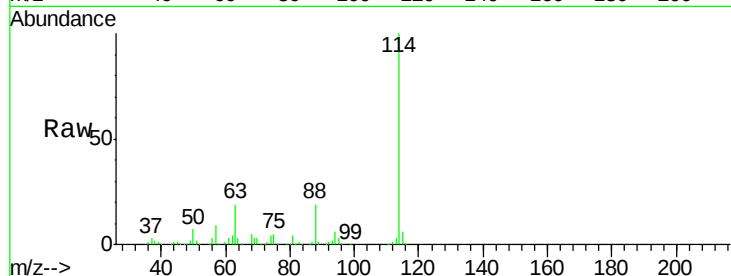
Tot Ion:114 Resp: 1667197

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

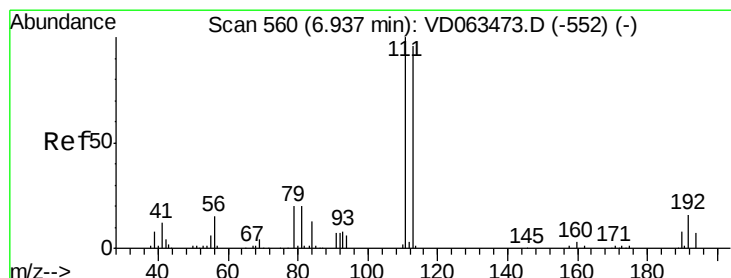
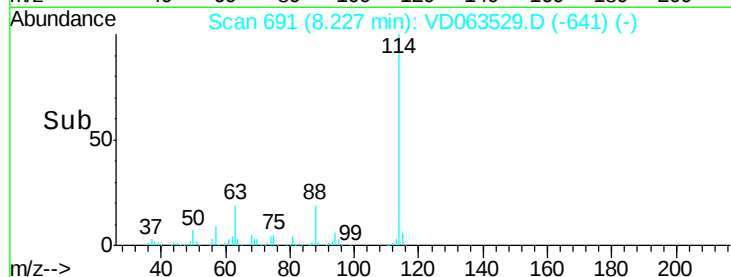
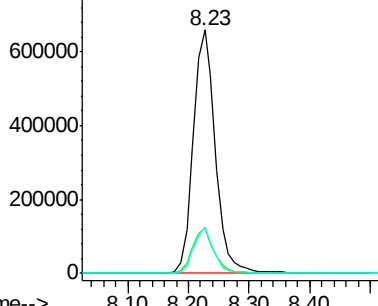
88 19.2 0.0 35.0



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: 37.882 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD063529.D

Acq: 13 Aug 2019 16:09

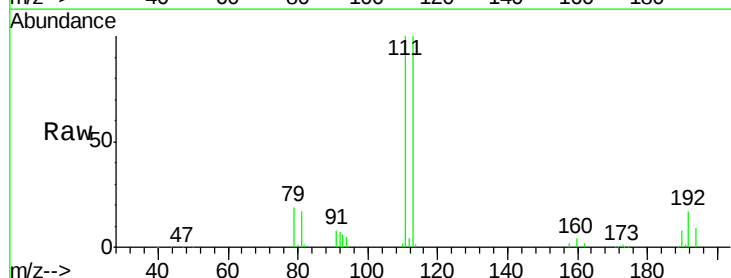
Tgt Ion:113 Resp: 531912

Ion Ratio Lower Upper

113 100

111 99.6 83.1 124.7

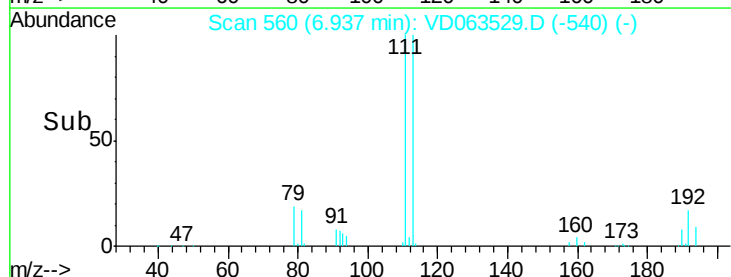
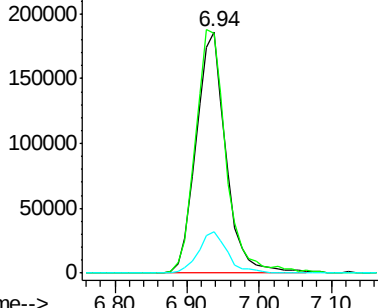
192 17.3 13.1 19.7

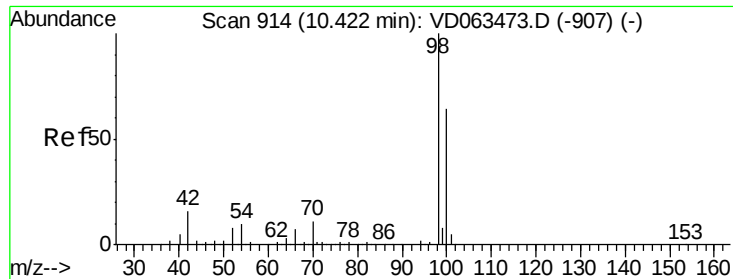


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

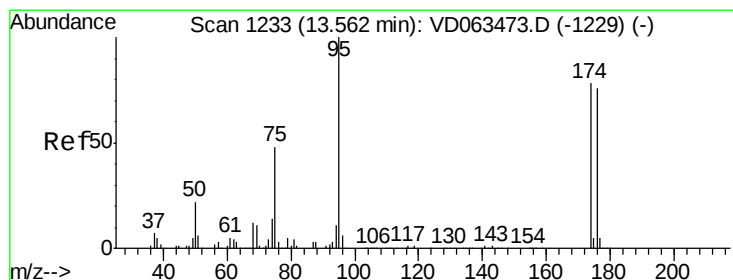
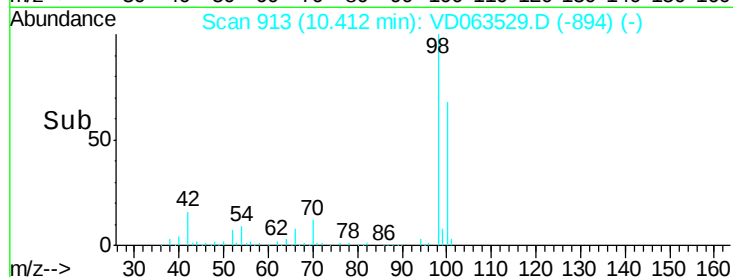
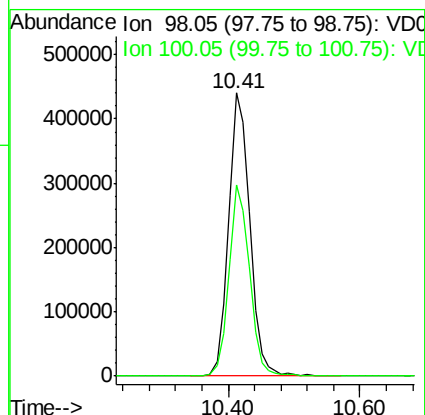
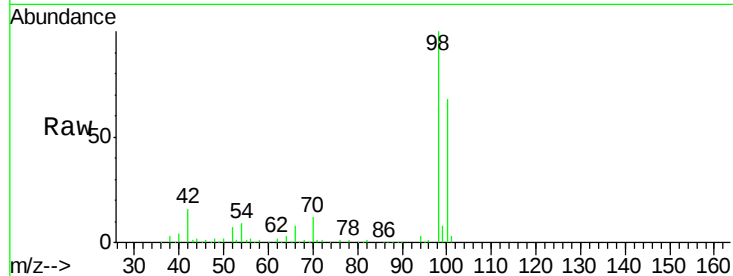




#50
Toluene-d8
Concen: 32.368 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063529.D
Acq: 13 Aug 2019 16:09

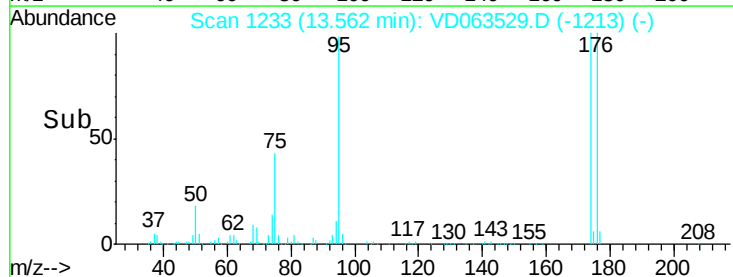
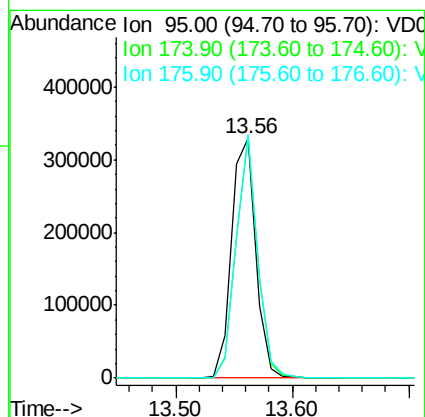
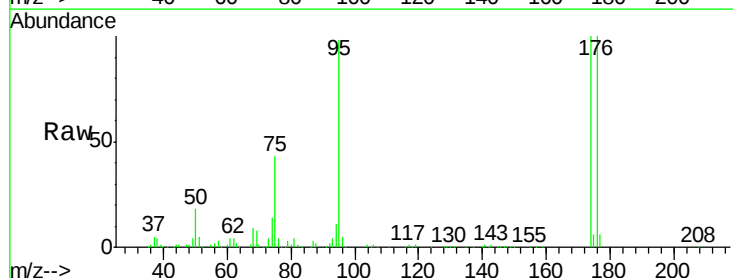
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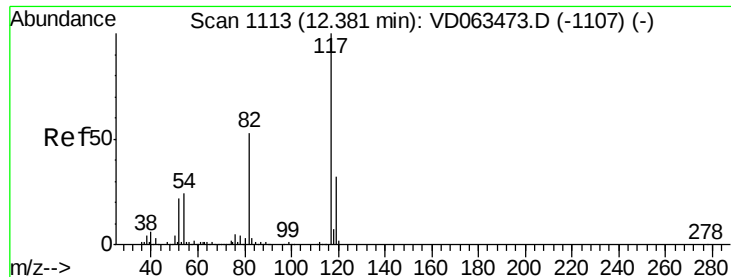
Tot Ion: 98 Resp: 999219
Ion Ratio Lower Upper
98 100
100 67.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 33.924 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063529.D
Acq: 13 Aug 2019 16:09

Tgt Ion: 95 Resp: 474661
Ion Ratio Lower Upper
95 100
174 101.1 0.0 155.4
176 101.6 0.0 152.4

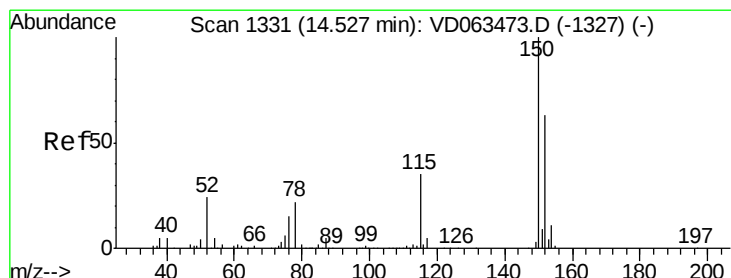
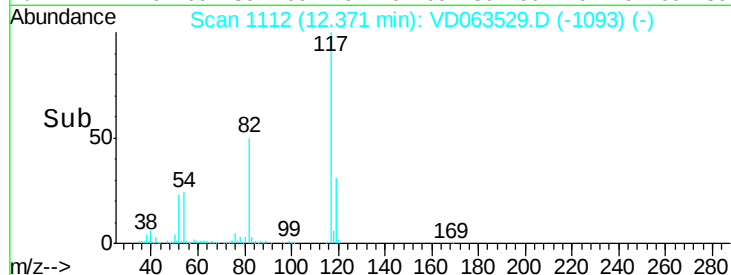
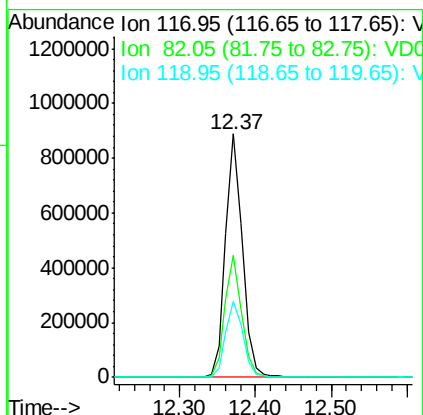
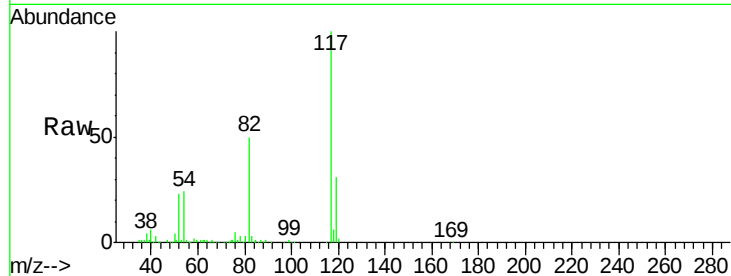




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063529.D
Acq: 13 Aug 2019 16:09

Instrument :
MSVOA_D
ClientSampleId :
PX-03_080919

Tot Ion:117 Resp: 1373877
Ion Ratio Lower Upper
117 100
82 50.0 42.0 63.0
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063529.D
Acq: 13 Aug 2019 16:09

Tgt Ion:152 Resp: 641095
Ion Ratio Lower Upper
152 100
115 60.5 30.9 92.7
150 151.7 0.0 318.6

