

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063772.D
 Acq On : 23 Aug 2019 17:55
 Operator : JC/SY
 Sample : K4461-09RE
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-8.5-9.0RE

Quant Time: Aug 26 11:39:42 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	7.04	168	23030	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	34463	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	36727	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	25784	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	29581	120.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	240.32%	
35) Dibromofluoromethane	6.92	113	21127	72.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	145.58%	
50) Toluene-d8	10.41	98	42230	66.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.36%	
62) 4-Bromofluorobenzene	13.56	95	22384	77.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.78%	

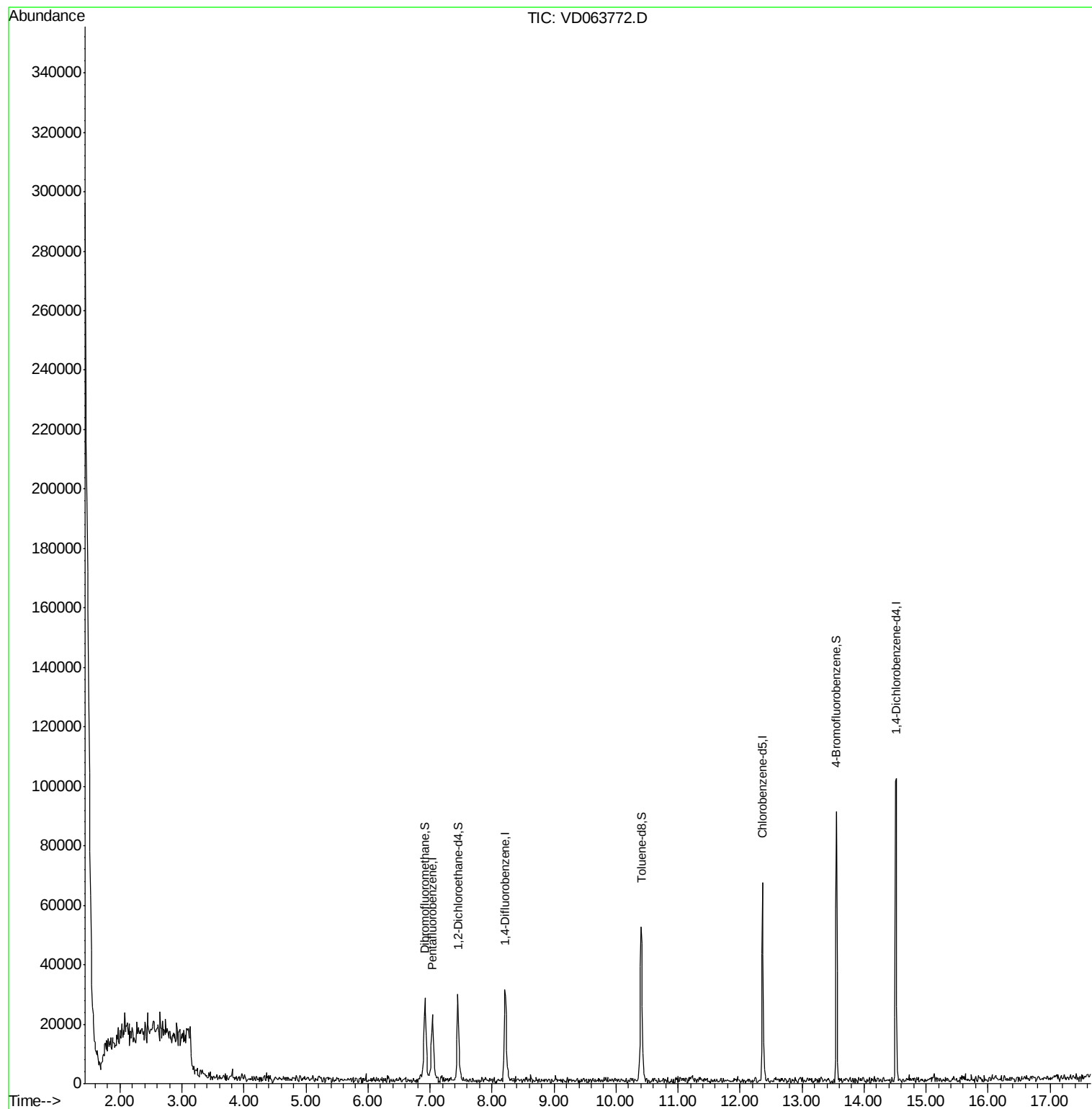
Target Compounds	Qvalue

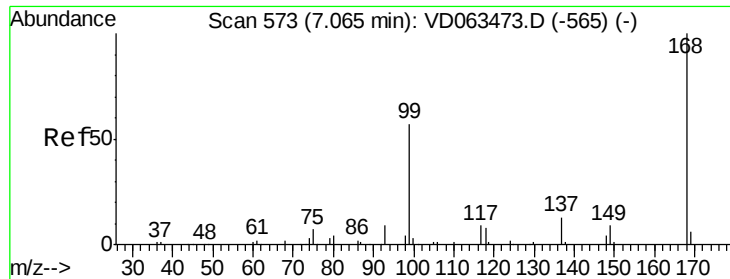
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063772.D

Acq: 23 Aug 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

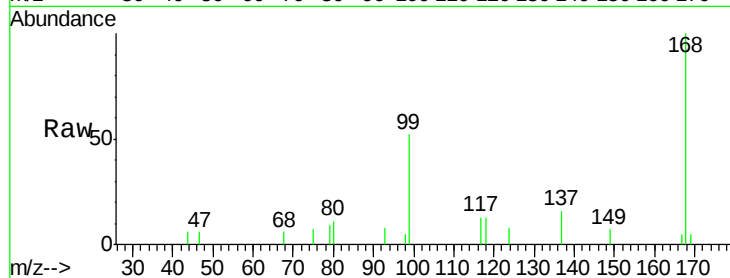
SB-05-8.5-9.0RE

Tot Ion:168 Resp: 23030

Ion Ratio Lower Upper

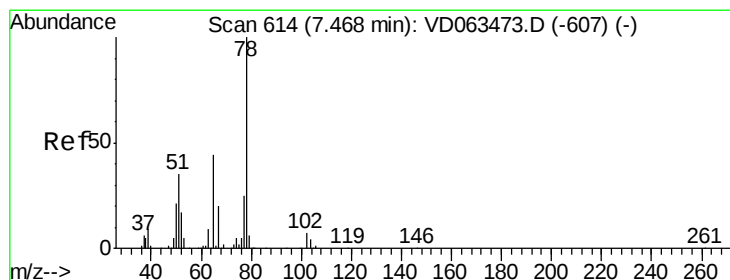
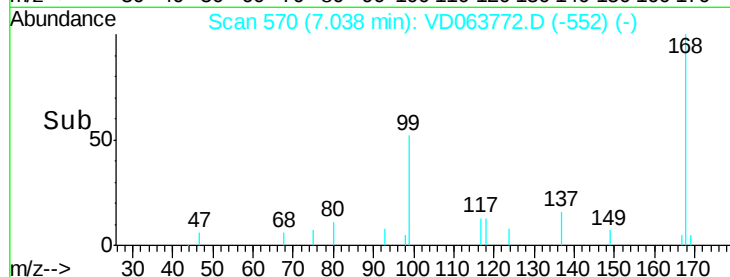
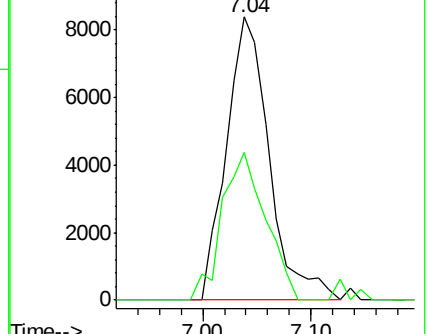
168 100

99 52.4 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: 120.163 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063772.D

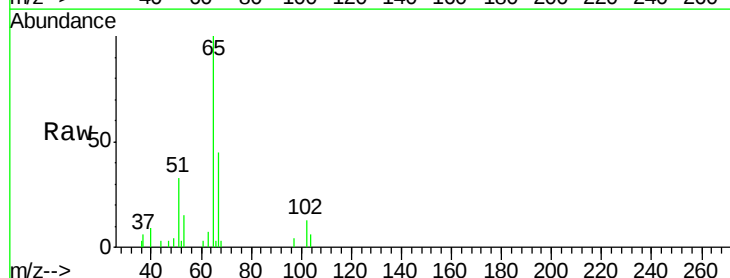
Acq: 23 Aug 2019 17:55

Tgt Ion: 65 Resp: 29581

Ion Ratio Lower Upper

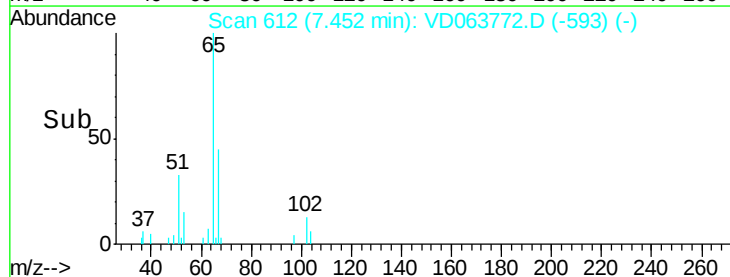
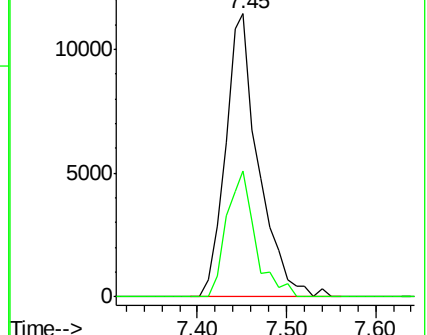
65 100

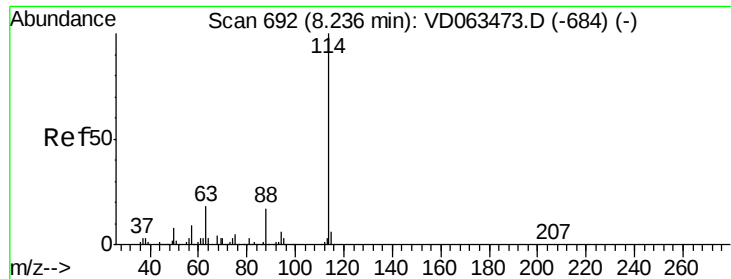
67 44.7 0.0 89.2



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. -0.02 min

Lab File: VD063772.D

Acq: 23 Aug 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

SB-05-8.5-9.0RE

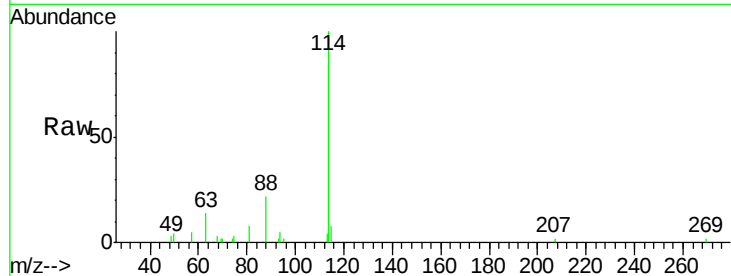
Tot Ion:114 Resp: 34463

Ion Ratio Lower Upper

114 100

63 14.2 0.0 36.2

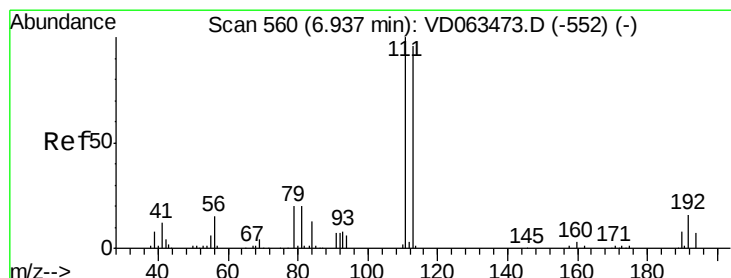
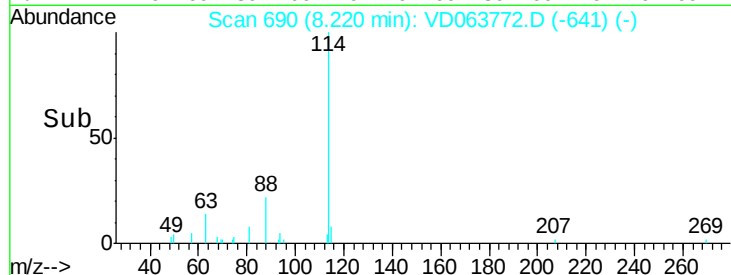
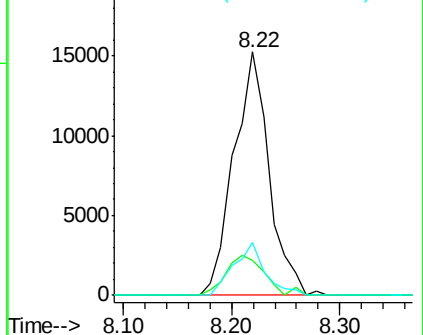
88 21.8 0.0 35.0



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: 72.789 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063772.D

Acq: 23 Aug 2019 17:55

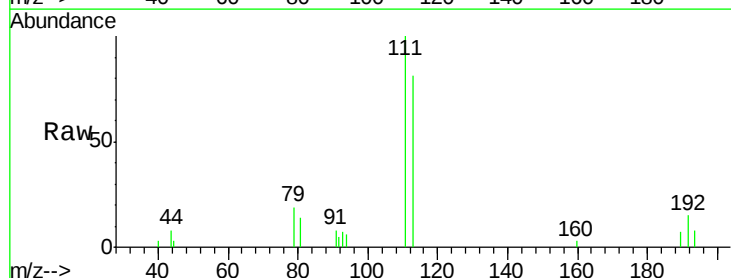
Tgt Ion:113 Resp: 21127

Ion Ratio Lower Upper

113 100

111 123.0 83.1 124.7

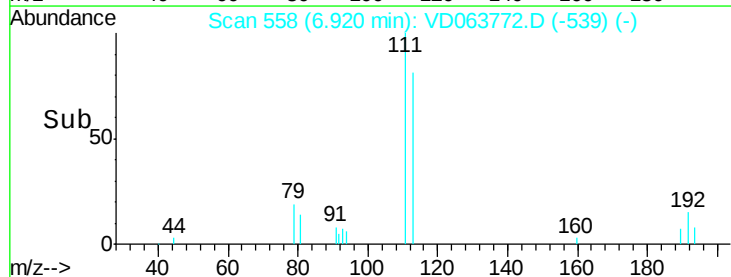
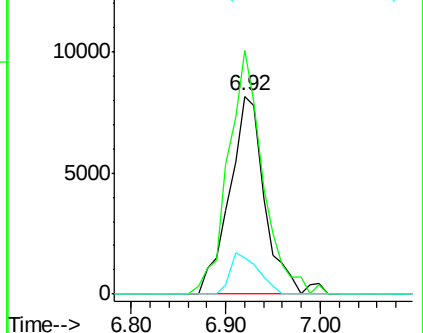
192 18.4 13.1 19.7

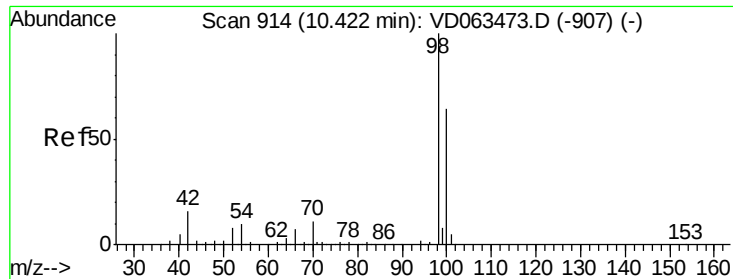


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

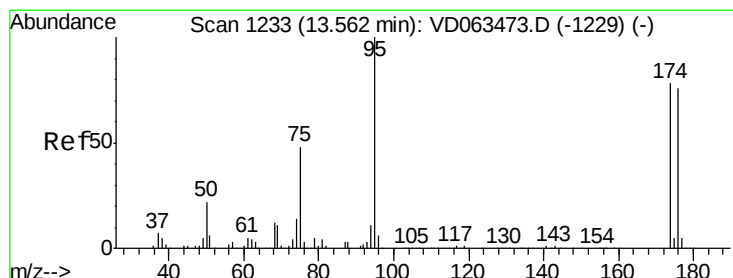
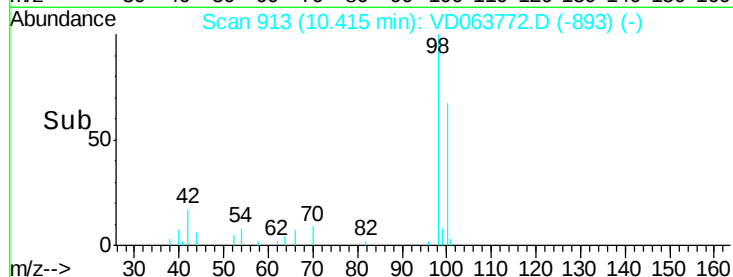
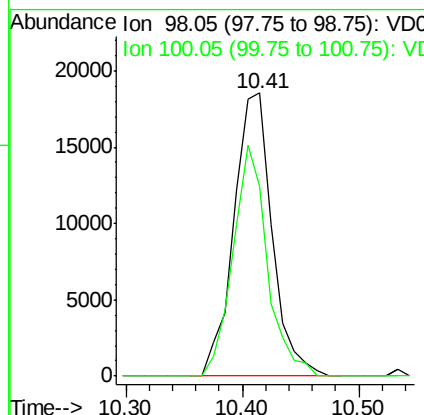
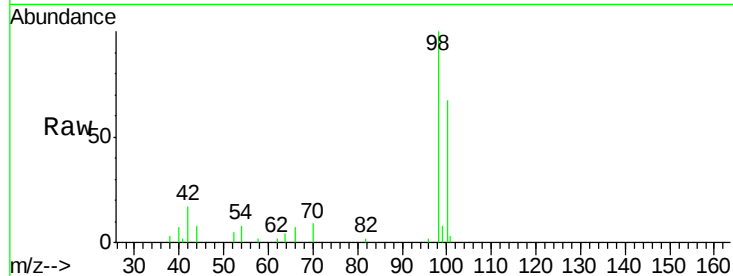




#50
Toluene-d8
Concen: 66.178 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063772.D
Acq: 23 Aug 2019 17:55

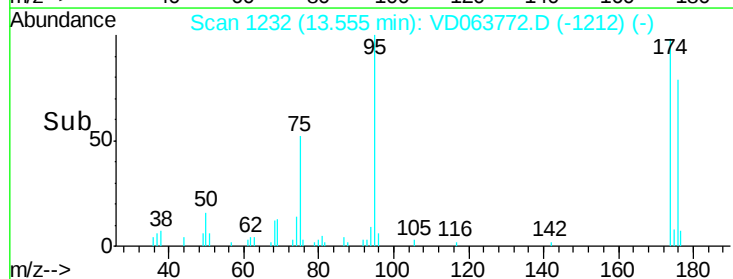
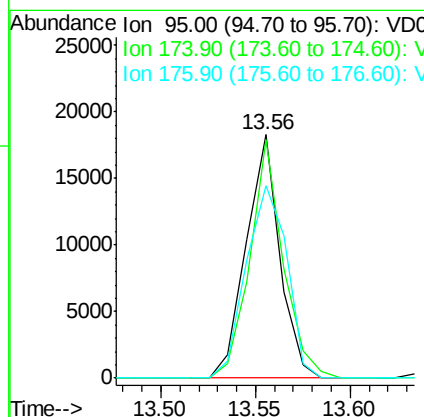
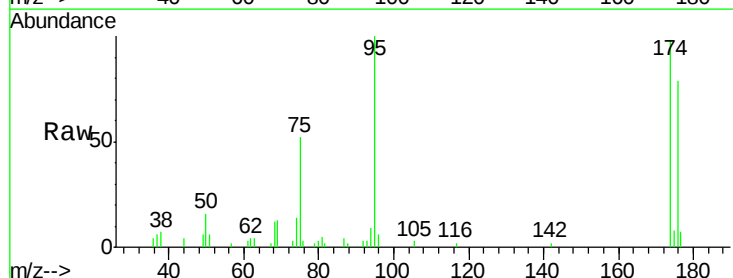
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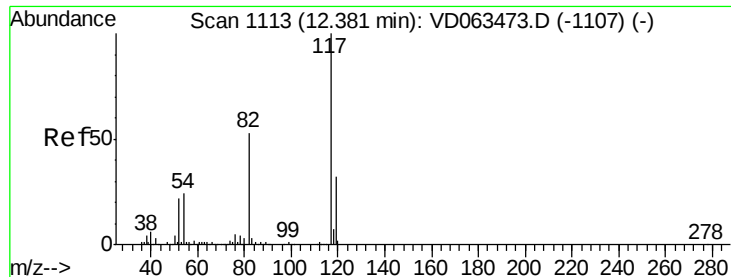
Tot Ion: 98 Resp: 42230
Ion Ratio Lower Upper
98 100
100 67.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 77.393 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063772.D
Acq: 23 Aug 2019 17:55

Tgt Ion: 95 Resp: 22384
Ion Ratio Lower Upper
95 100
174 98.2 0.0 155.4
176 79.2 0.0 152.4

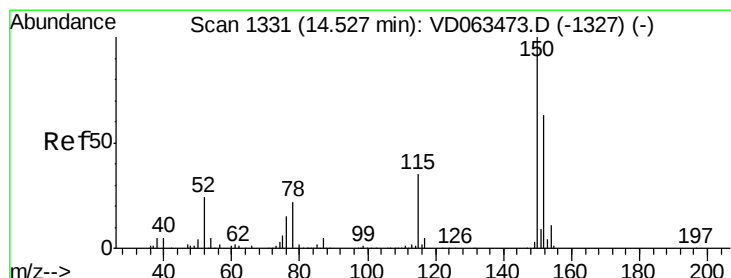
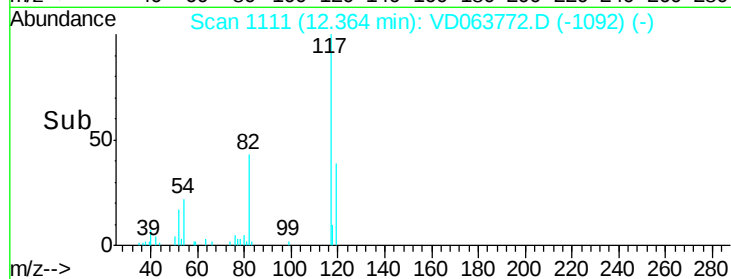
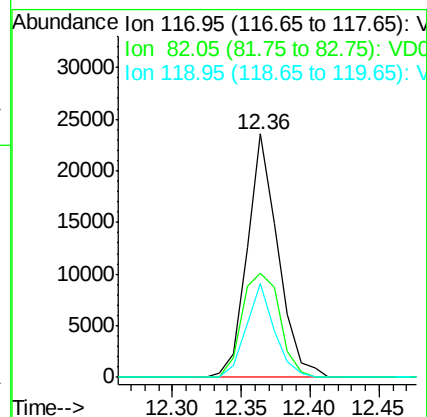
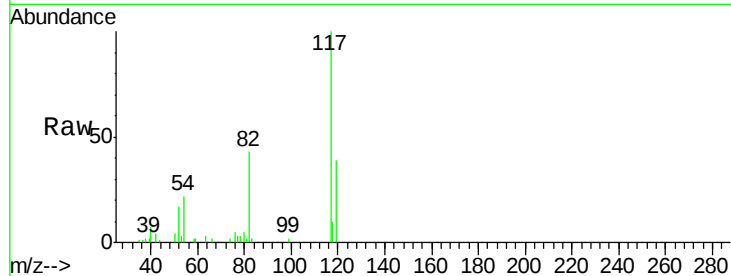




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063772.D
Acq: 23 Aug 2019 17:55

Instrument :
MSVOA_D
ClientSampleId :
SB-05-8.5-9.0RE

Tot Ion:117 Resp: 36727
Ion Ratio Lower Upper
117 100
82 42.6 42.0 63.0
119 38.7 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: VD063772.D
Acq: 23 Aug 2019 17:55

Tgt Ion:152 Resp: 25784
Ion Ratio Lower Upper
152 100
115 47.9 30.9 92.7
150 146.0 0.0 318.6

