

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064079.D
 Acq On : 25 Oct 2019 21:44
 Operator : VA/SY
 Sample : K5542-04
 Misc : 4.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 199-48-(1.2)

Quant Time: Oct 26 01:19:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	146616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	253853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	270722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	80025	56.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.92	113	78486	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.34	98	350000	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
62) 4-Bromofluorobenzene	12.64	95	99849	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	

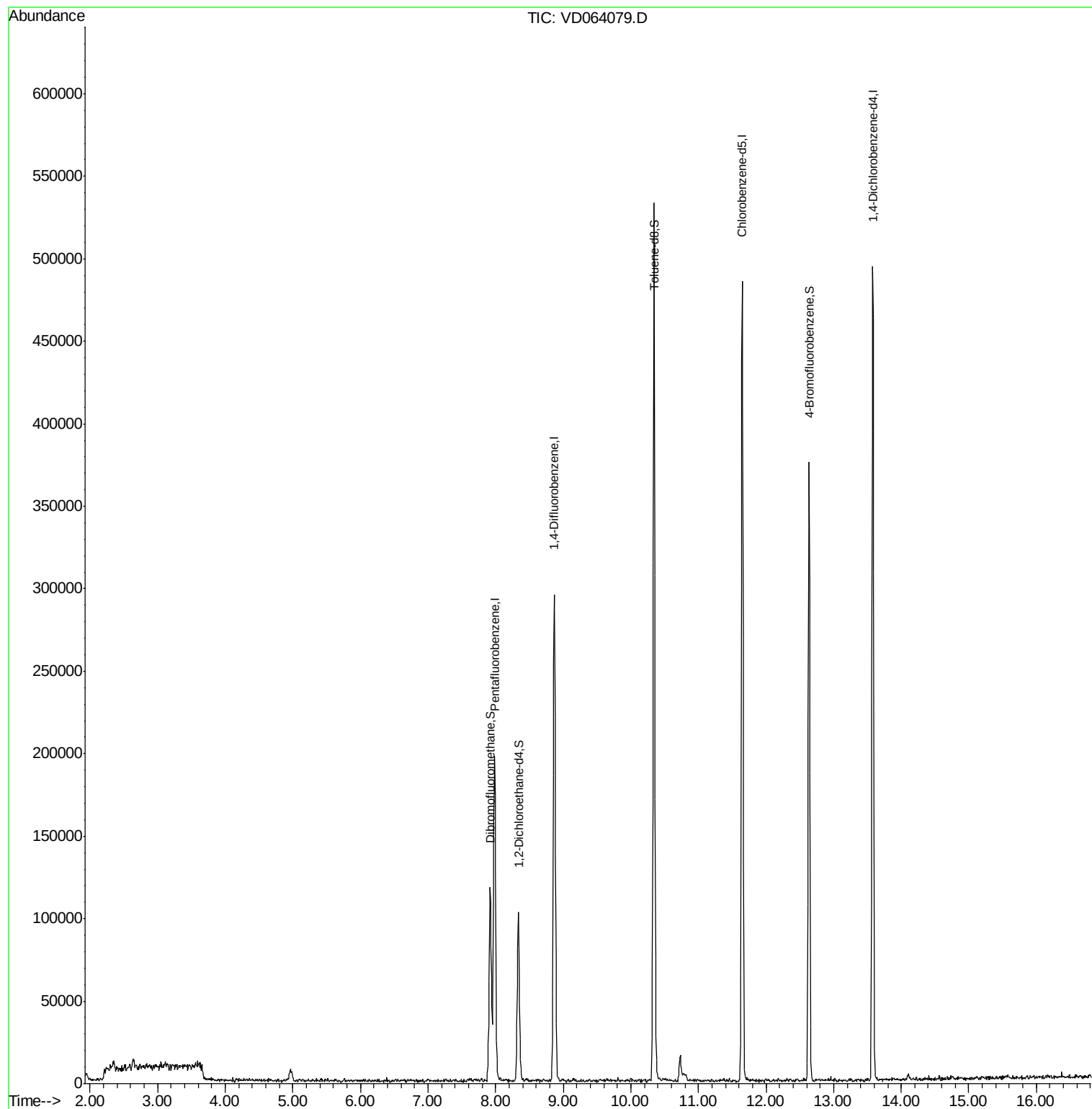
Target Compounds	Qvalue

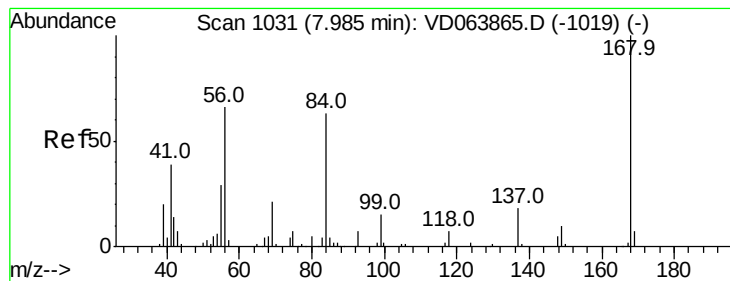
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

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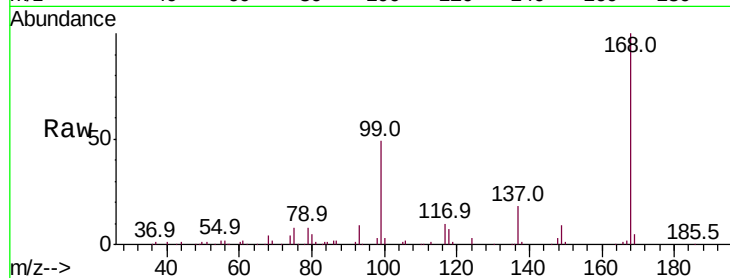
199-48-(1.2)

Tot Ion:168 Resp: 146616

Ion Ratio Lower Upper

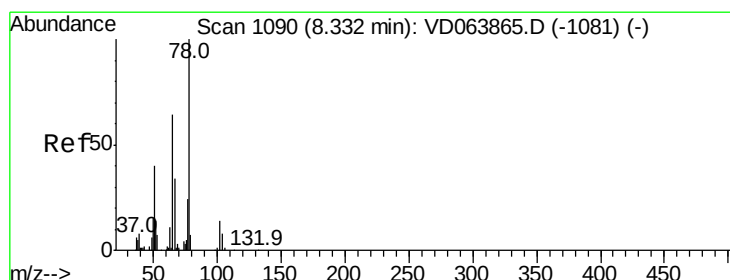
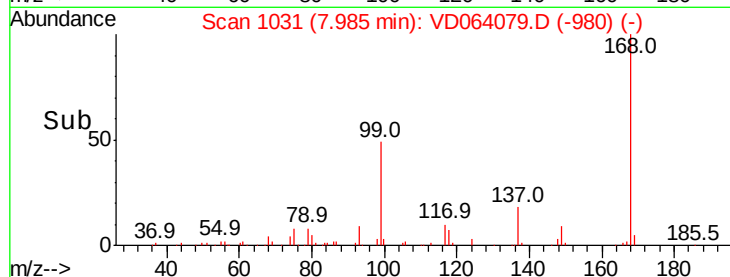
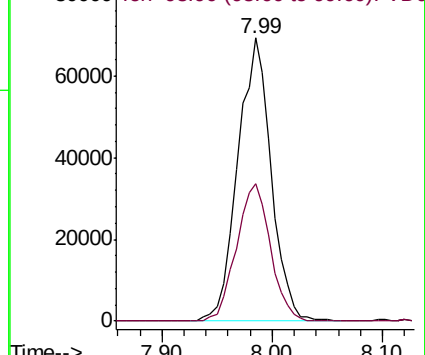
168 100

99 48.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.063 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VD064079.D

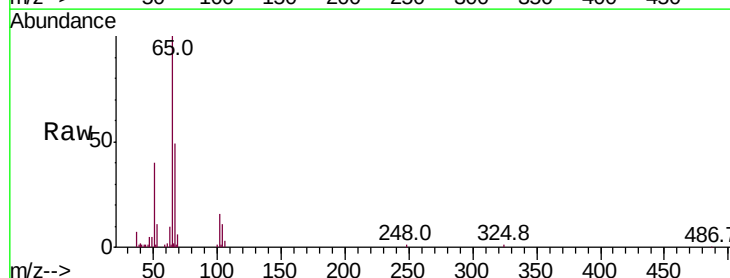
Acq: 25 Oct 2019 21:44

Tgt Ion: 65 Resp: 80025

Ion Ratio Lower Upper

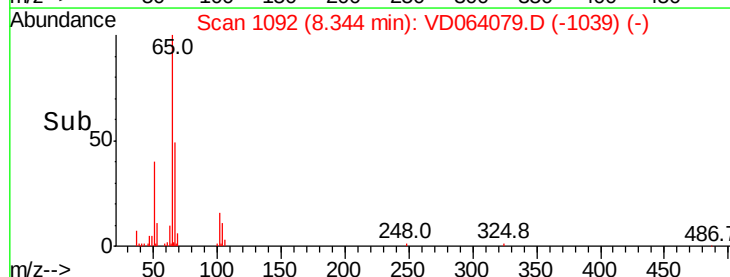
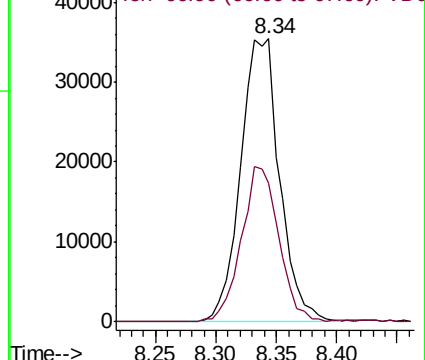
65 100

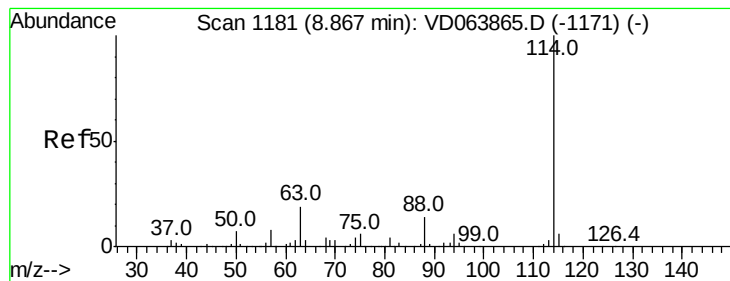
67 52.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064079.D

Acq: 25 Oct 2019 21:44

Instrument :

MSVOA_D

ClientSampleId :

199-48-(1.2)

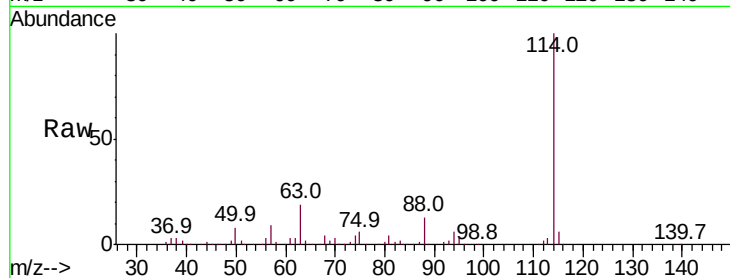
Tot Ion:114 Resp: 253853

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

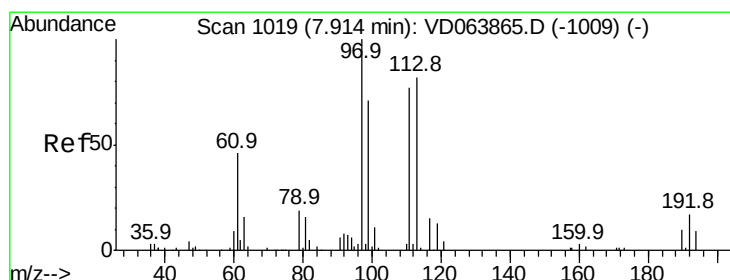
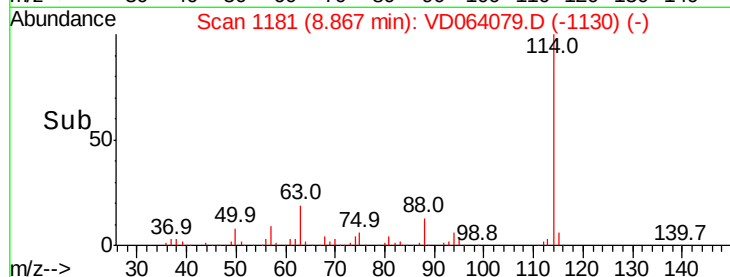
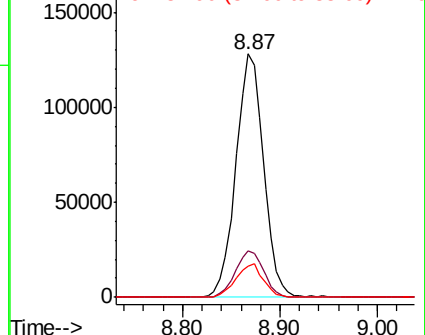
88 13.0 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.591 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064079.D

Acq: 25 Oct 2019 21:44

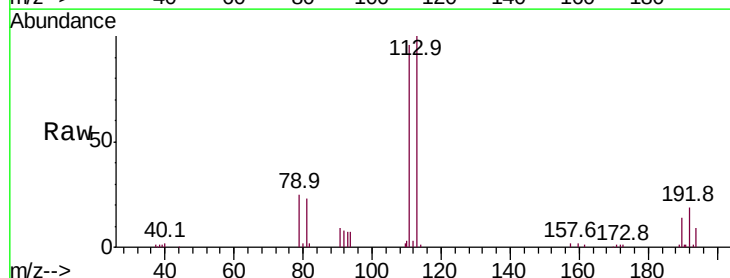
Tgt Ion:113 Resp: 78486

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

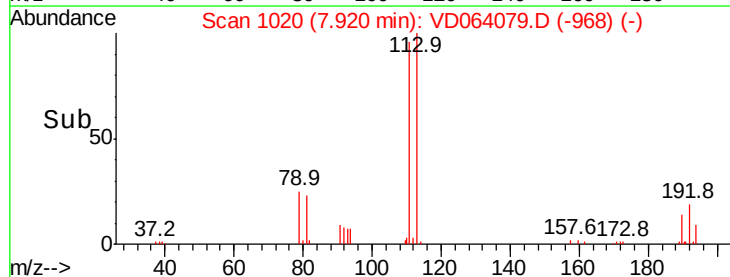
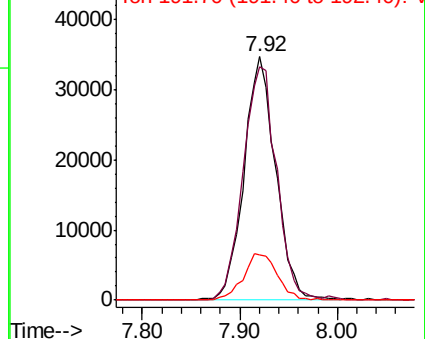
192 20.4 17.1 25.7

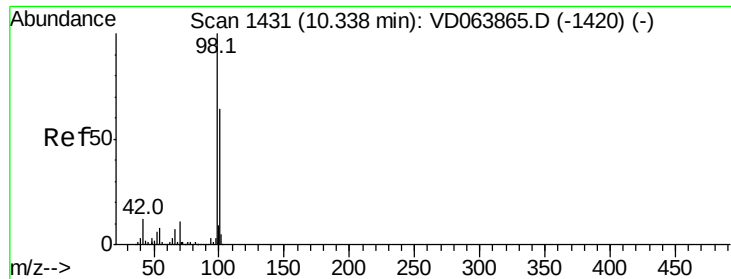


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

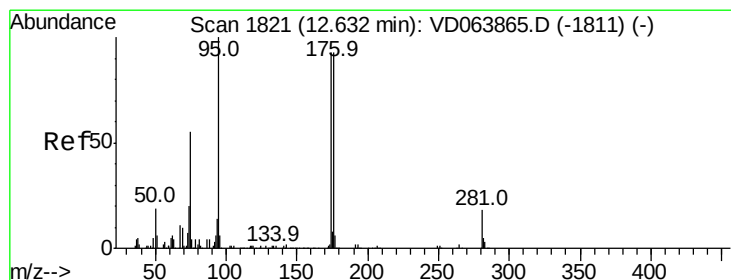
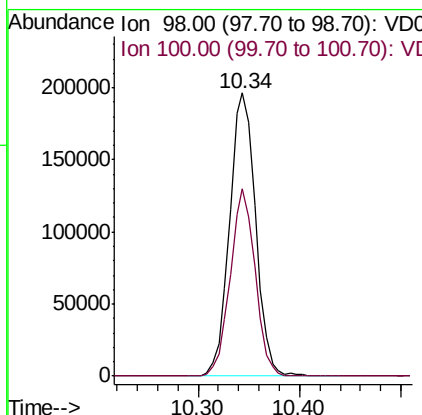
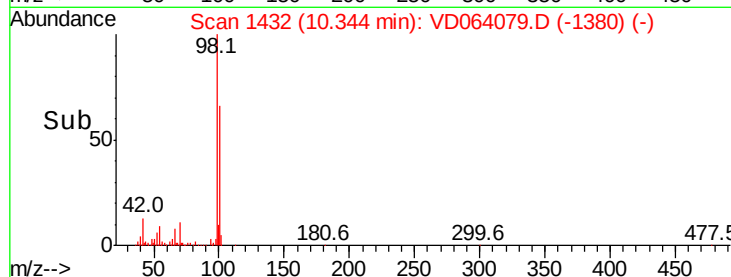
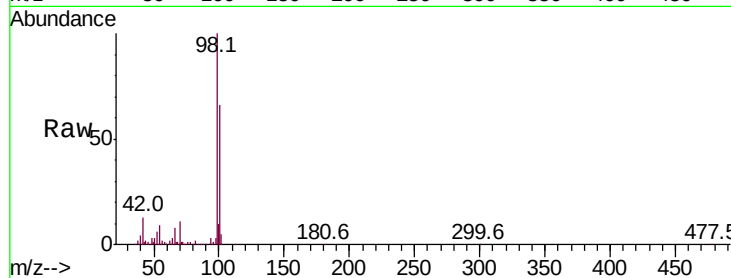




#50
Toluene-d8
Concen: 55.584 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064079.D
Acq: 25 Oct 2019 21:44

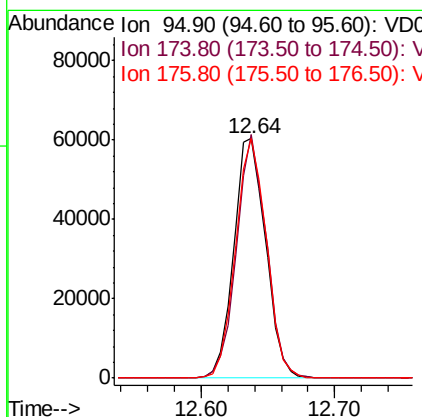
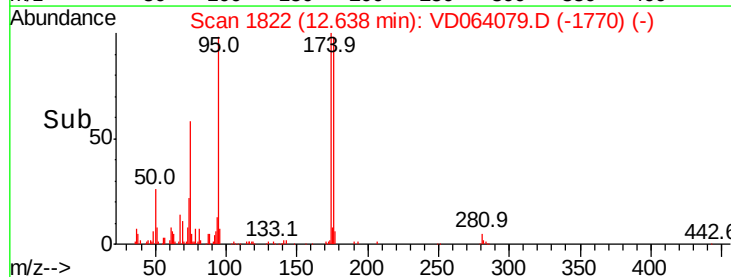
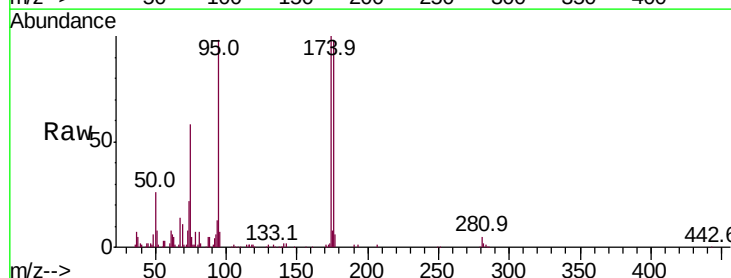
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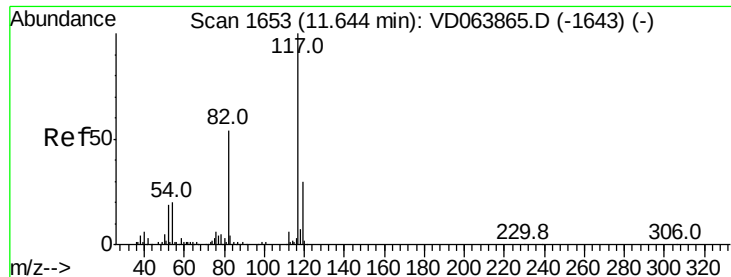
Tot Ion: 98 Resp: 350000
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.632 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064079.D
Acq: 25 Oct 2019 21:44

Tgt Ion: 95 Resp: 99849
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.4
176 96.5 0.0 184.2

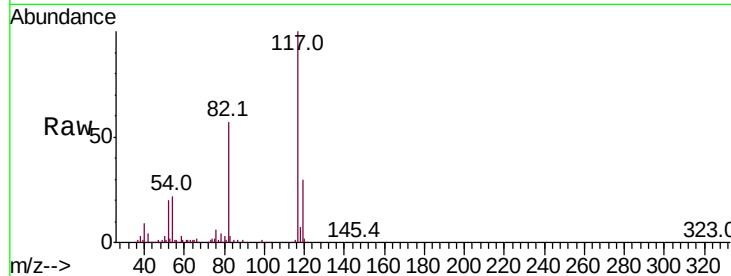




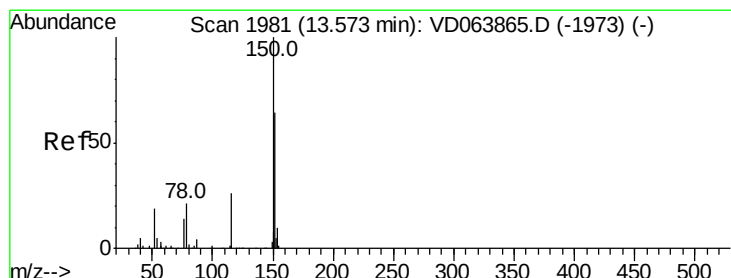
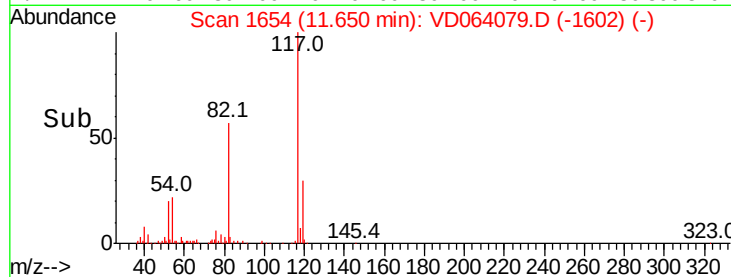
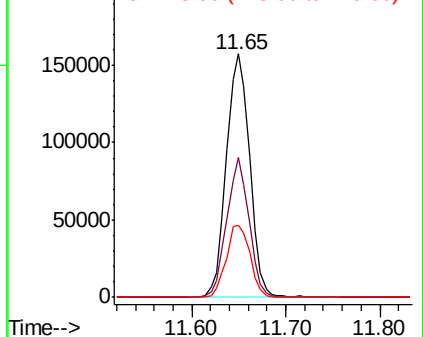
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064079.D
Acq: 25 Oct 2019 21:44

Instrument :
MSVOA_D
ClientSampleId :
199-48-(1.2)

Tot Ion:117 Resp: 270722
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 29.6 24.4 36.6

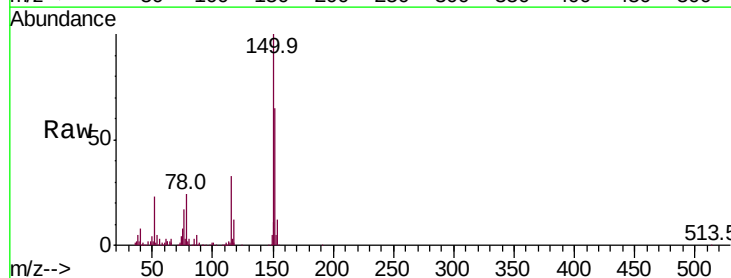


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064079.D
Acq: 25 Oct 2019 21:44

Tgt Ion:152 Resp: 126560
Ion Ratio Lower Upper
152 100
115 52.4 25.9 77.7
150 154.4 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

