

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064132.D
 Acq On : 31 Oct 2019 14:56
 Operator : VA/SY
 Sample : K5614-01
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TREATMENT-SYSTEM-MEDIA

Quant Time: Nov 01 07:46:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	137164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	229554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	234348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122876	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	67250	61.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.30%	
35) Dibromofluoromethane	7.92	113	74892	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.34	98	277441	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.64	95	94323	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

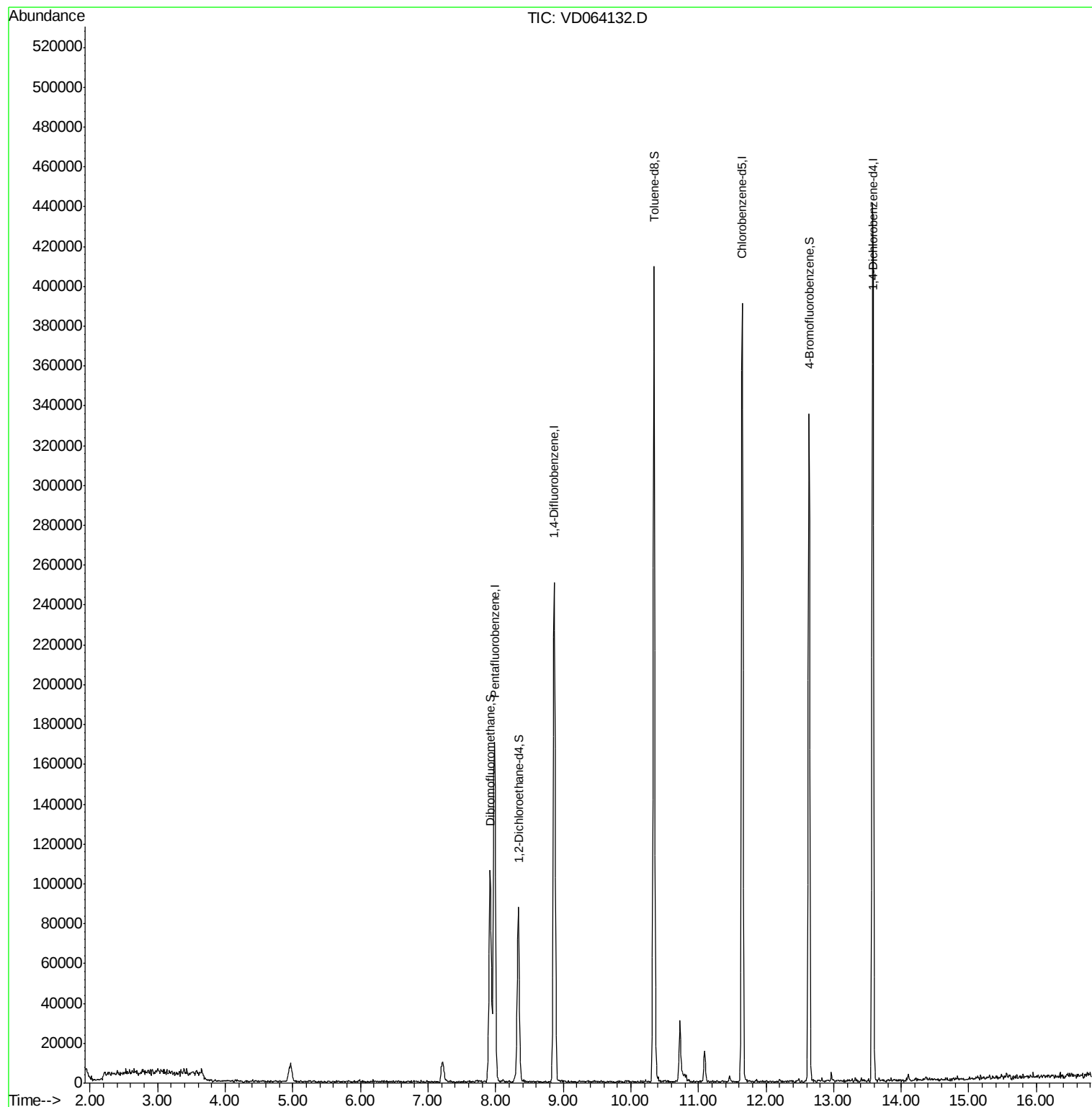
Target Compounds	Qvalue
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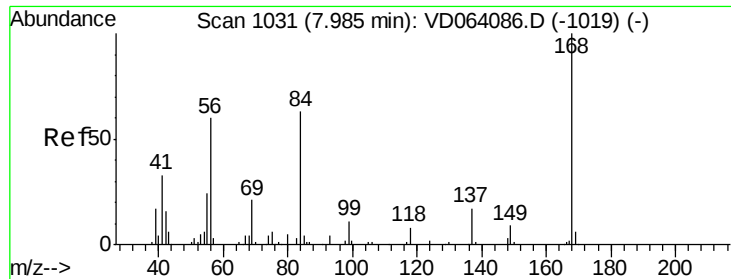
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

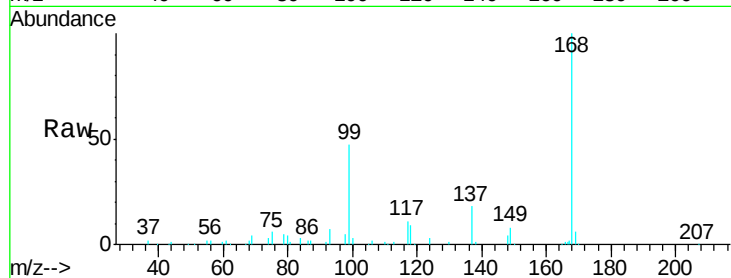
TREATMENT-SYSTEM-MEDIA

Tgt Ion:168 Resp: 137164

Ion Ratio Lower Upper

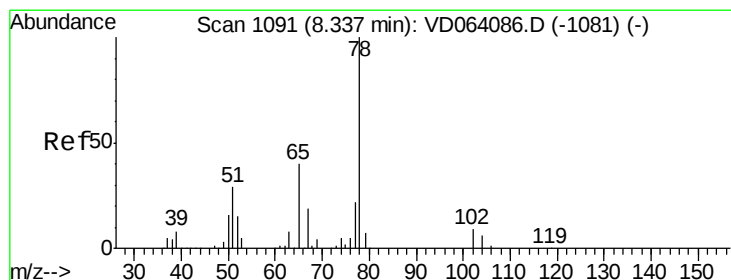
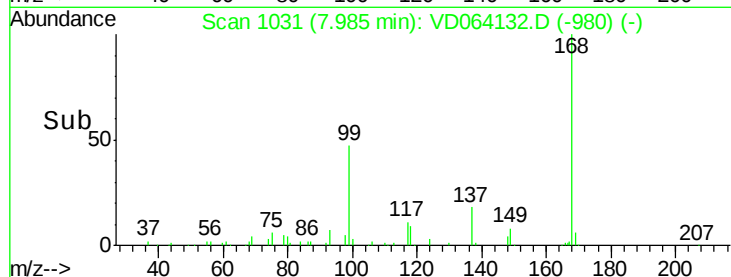
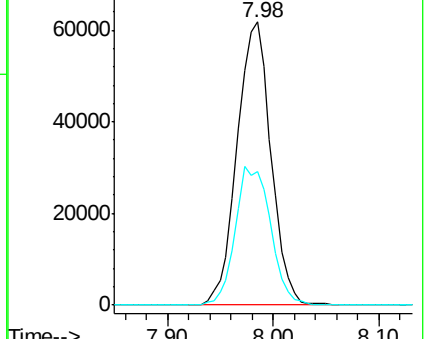
168 100

99 47.1 37.6 56.4



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: 61.648 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064132.D

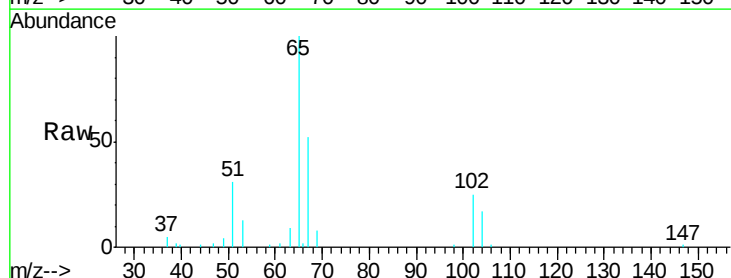
Acq: 31 Oct 2019 14:56

Tgt Ion: 65 Resp: 67250

Ion Ratio Lower Upper

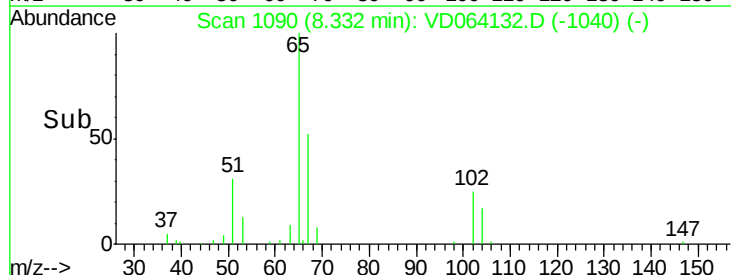
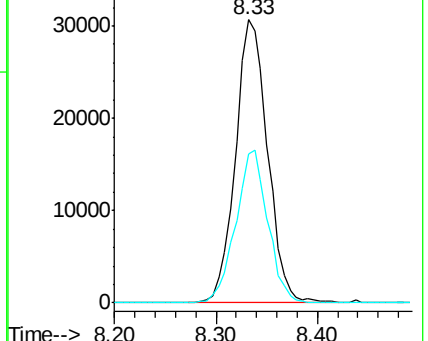
65 100

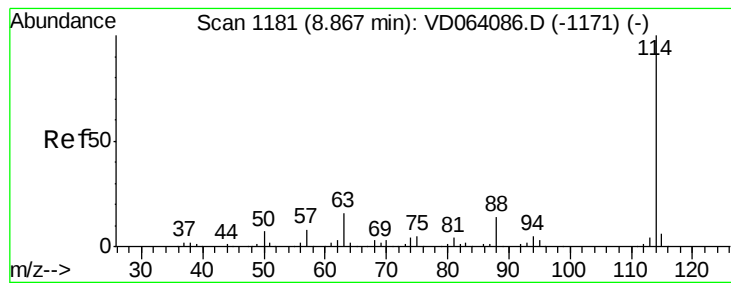
67 53.7 0.0 104.6



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: VD064132.D

Acq: 31 Oct 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

TREATMENT-SYSTEM-MEDIA

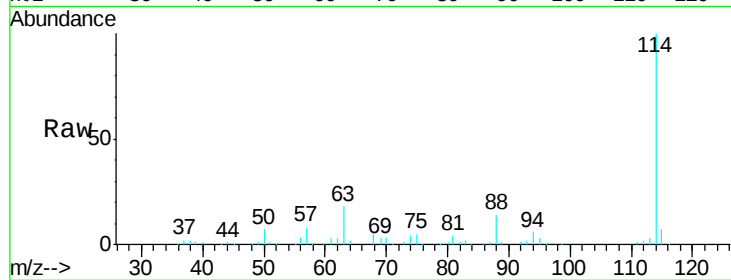
Tgt Ion:114 Resp: 229554

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.8

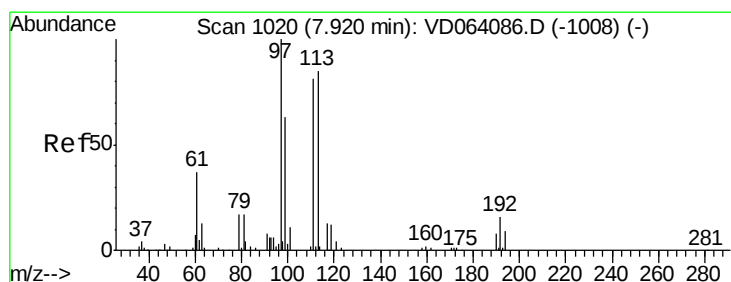
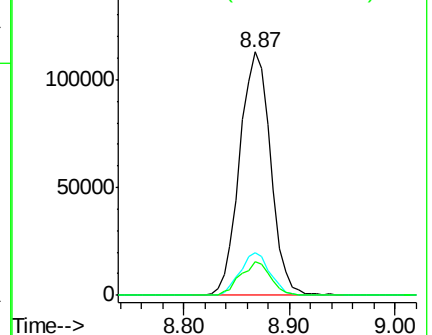
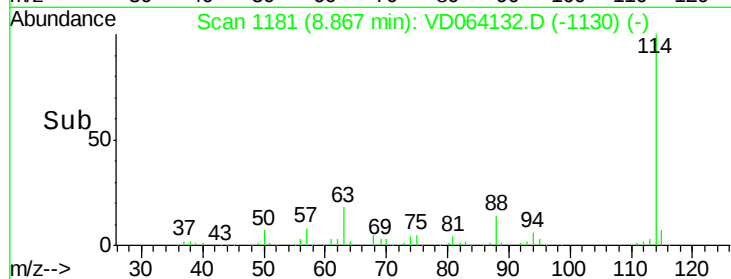
88 13.6 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.029 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064132.D

Acq: 31 Oct 2019 14:56

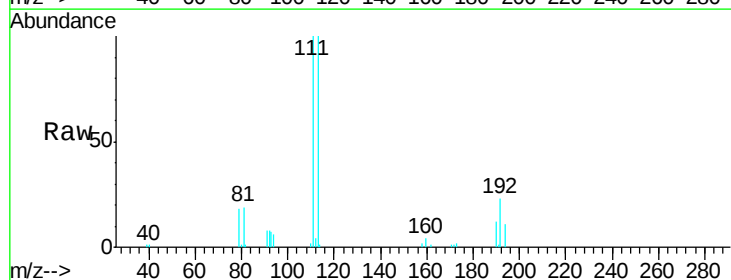
Tgt Ion:113 Resp: 74892

Ion Ratio Lower Upper

113 100

111 102.5 79.3 118.9

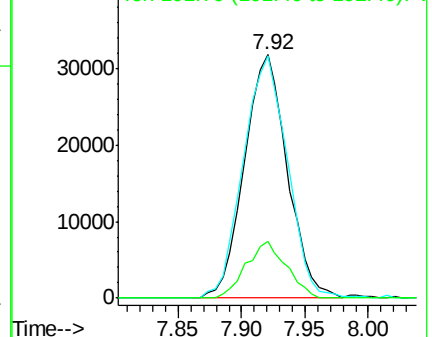
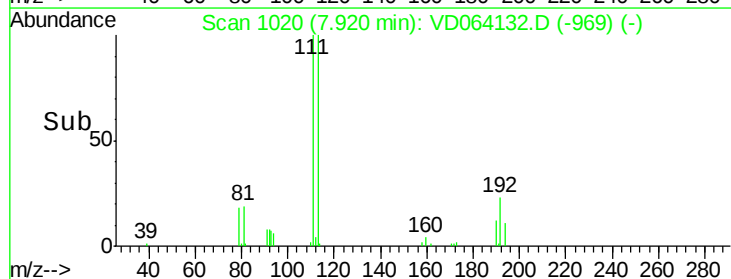
192 21.7 16.2 24.2

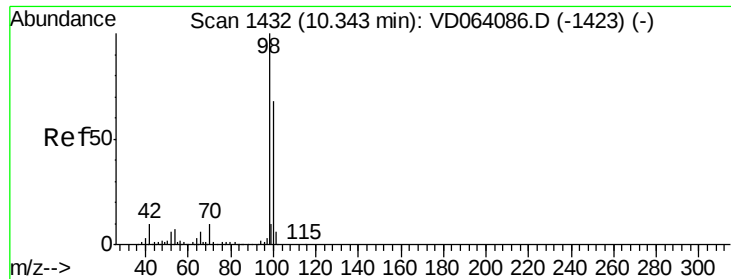


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

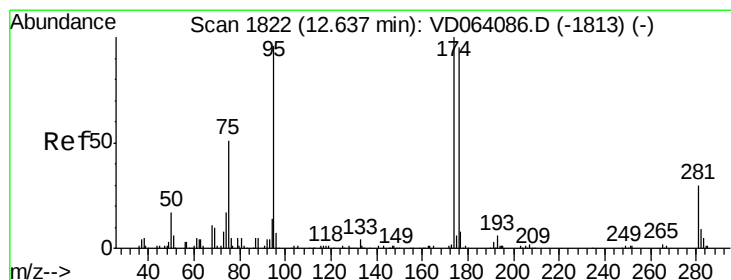
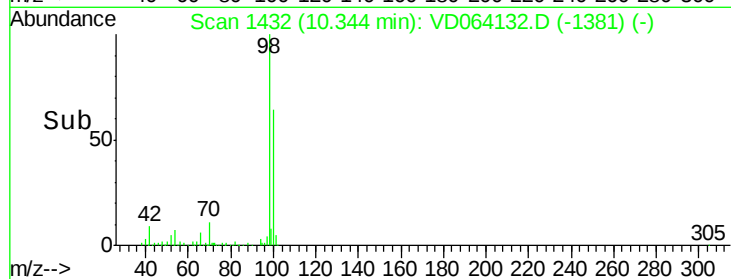
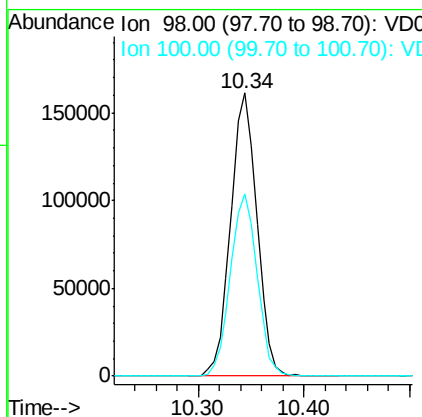
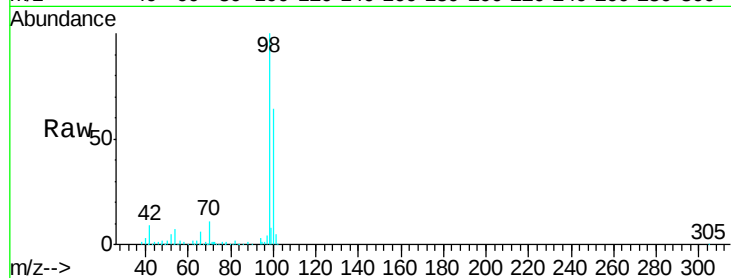




#50
Toluene-d8
Concen: 49.122 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

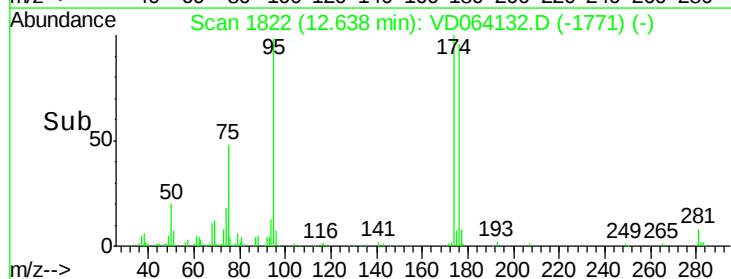
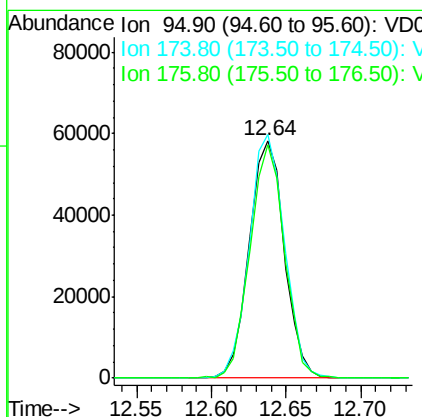
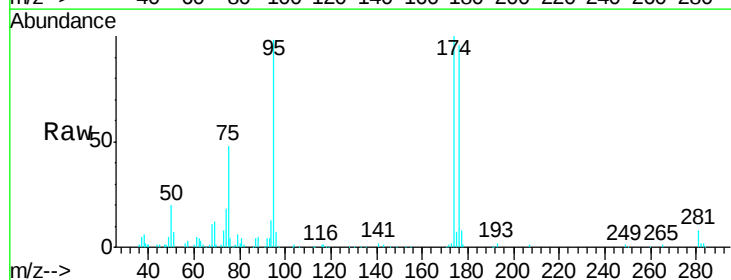
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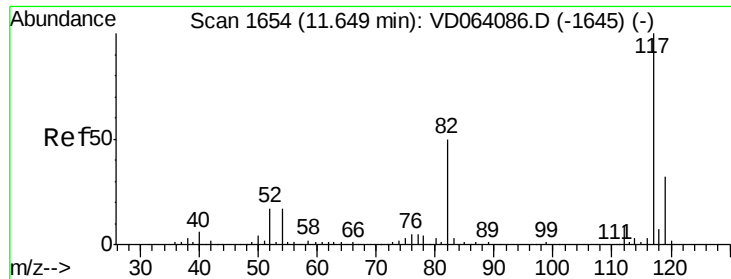
Tgt Ion: 98 Resp: 277441
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.374 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Tgt Ion: 95 Resp: 94323
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.6
176 96.8 0.0 192.6

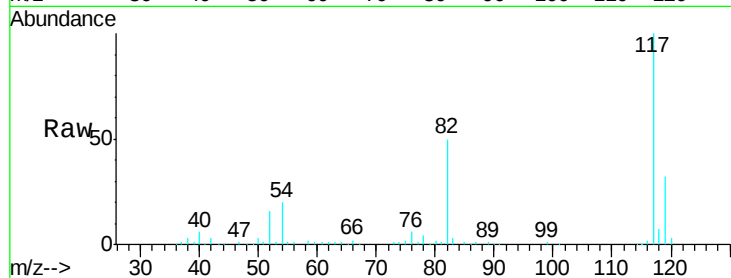




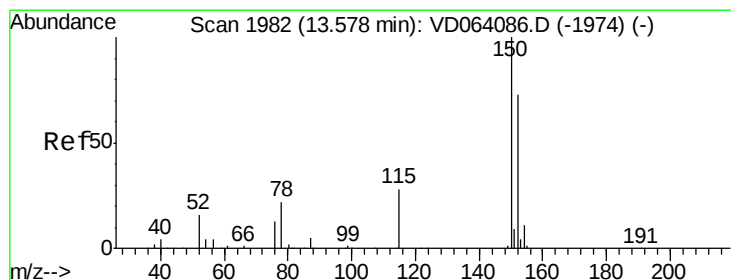
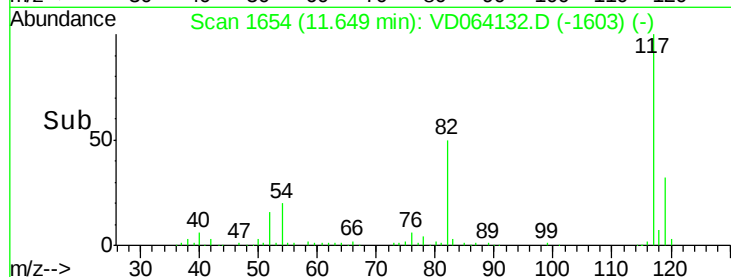
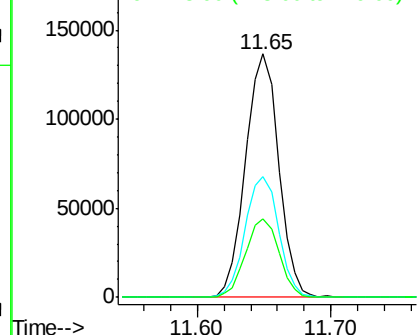
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
TREATMENT-SYSTEM-MEDIA

Tgt Ion:117 Resp: 234348
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 32.4 26.0 39.0

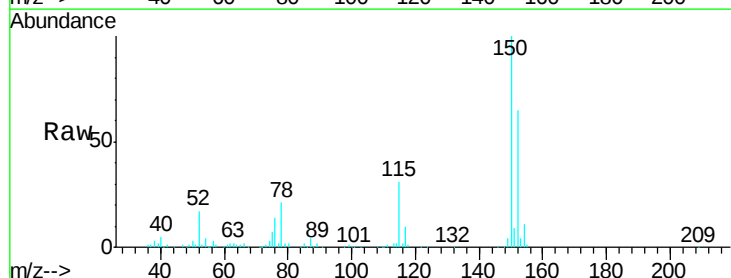


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064132.D
Acq: 31 Oct 2019 14:56

Tgt Ion:152 Resp: 122876
Ion Ratio Lower Upper
152 100
115 52.1 26.2 78.6
150 160.4 0.0 338.8



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

