

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064143.D
 Acq On : 31 Oct 2019 21:06
 Operator : VA/SY
 Sample : K5628-01
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200055-RBR200034-RT1868

Quant Time: Nov 01 08:26:27 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	16327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	25763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	26996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	14046	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.35	65	8246	63.50	ug/l	0.01
Spiked Amount	50.000		Recovery	=	127.00%	
35) Dibromofluoromethane	7.92	113	9293	58.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.26%	
50) Toluene-d8	10.34	98	28921	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
62) 4-Bromofluorobenzene	12.64	95	11092	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	

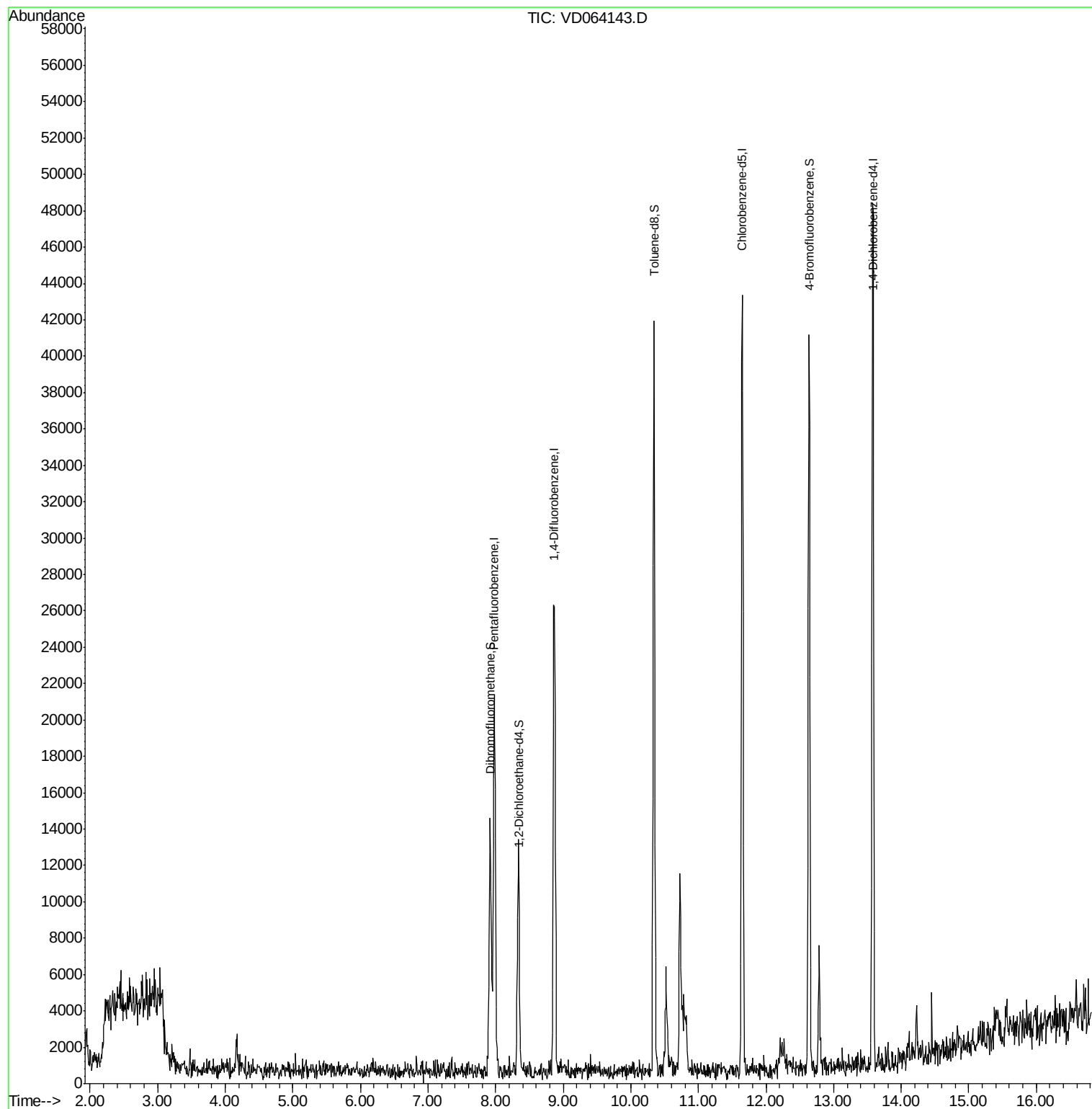
Target Compounds	Qvalue

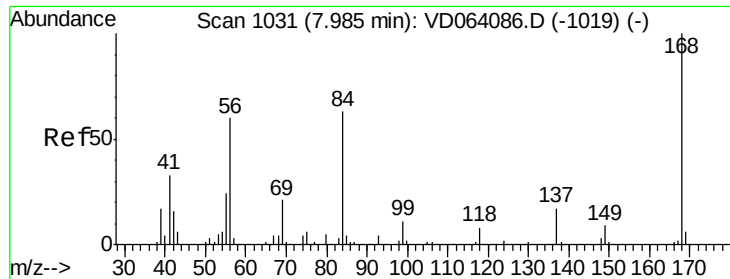
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064143.D

Acq: 31 Oct 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

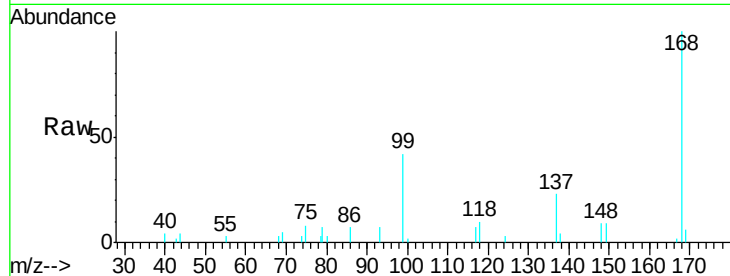
RBR200055-RBR200034-RT1868

Tgt Ion:168 Resp: 16327

Ion Ratio Lower Upper

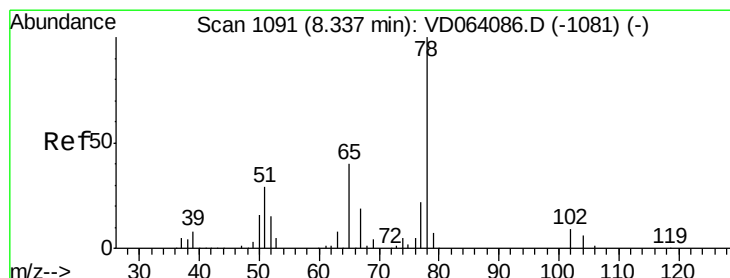
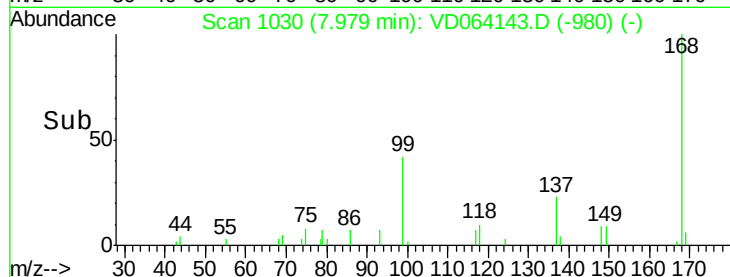
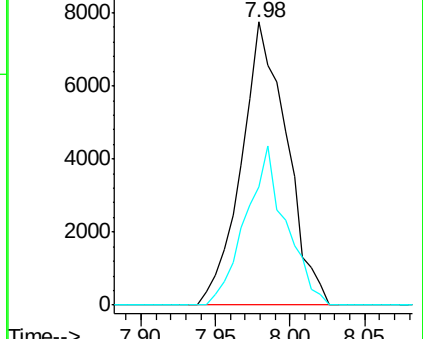
168 100

99 41.8 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: 63.504 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VD064143.D

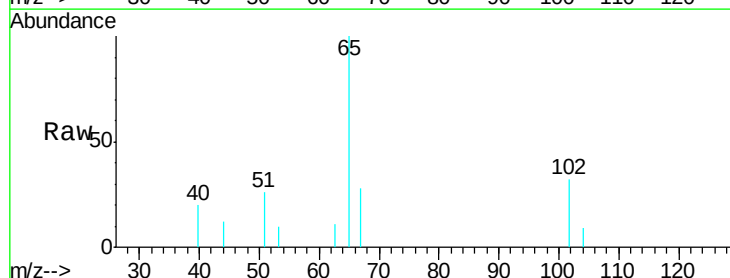
Acq: 31 Oct 2019 21:06

Tgt Ion: 65 Resp: 8246

Ion Ratio Lower Upper

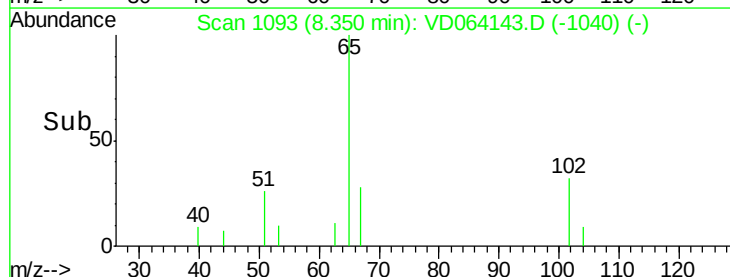
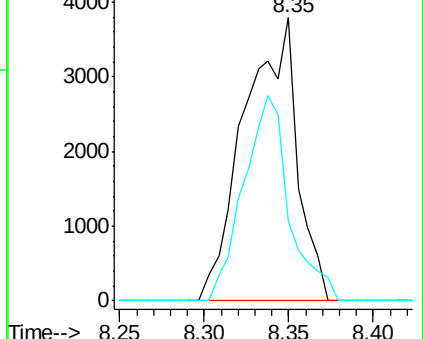
65 100

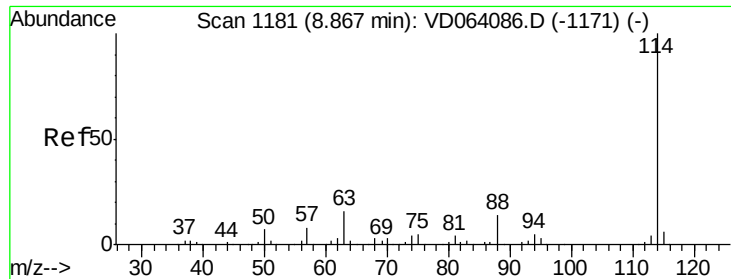
67 62.6 0.0 104.6



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: VD064143.D

Acq: 31 Oct 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

RBR200055-RBR200034-RT1868

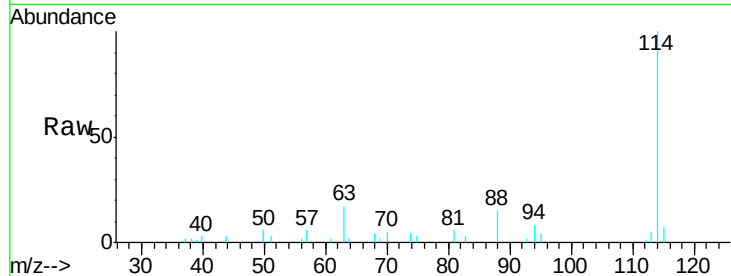
Tgt Ion:114 Resp: 25763

Ion Ratio Lower Upper

114 100

63 17.1 0.0 32.8

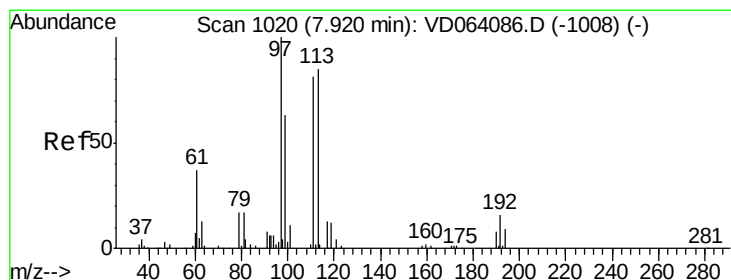
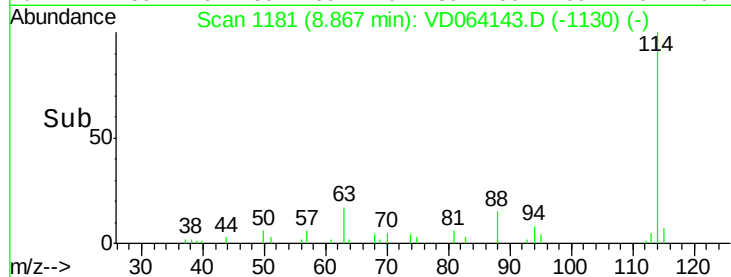
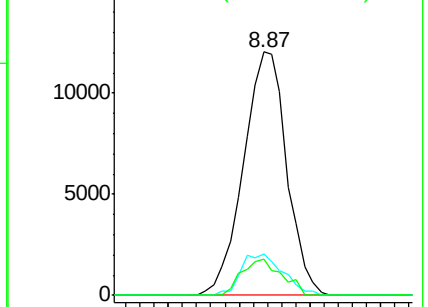
88 14.9 0.0 27.6



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: 58.630 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064143.D

Acq: 31 Oct 2019 21:06

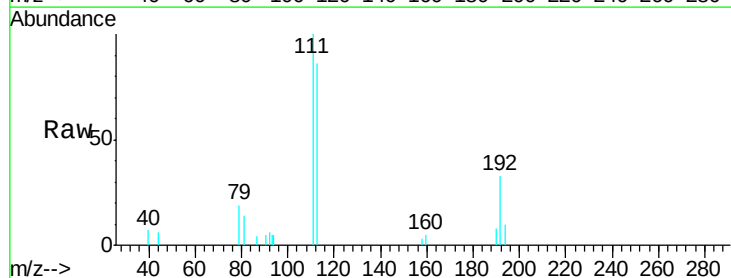
Tgt Ion:113 Resp: 9293

Ion Ratio Lower Upper

113 100

111 99.7 79.3 118.9

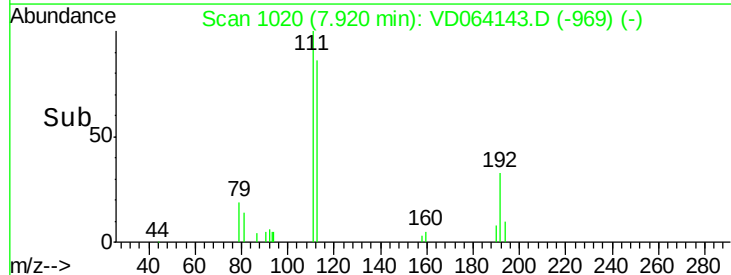
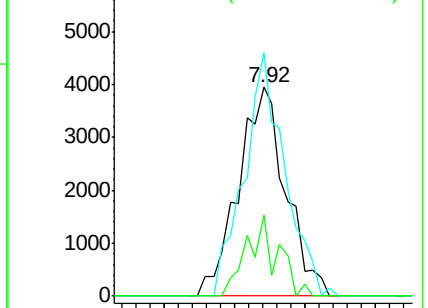
192 25.1 16.2 24.2#

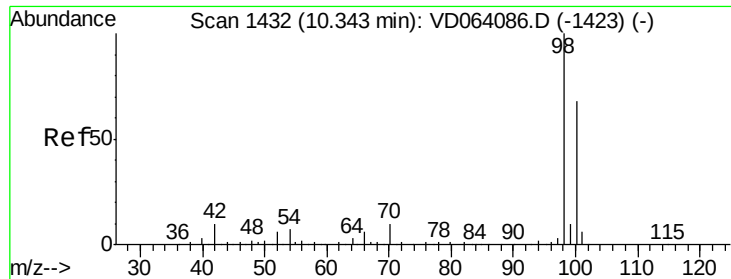


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

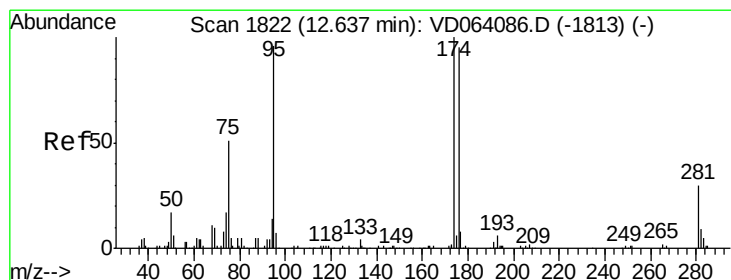
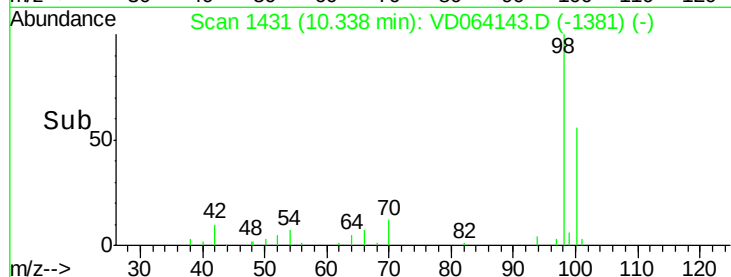
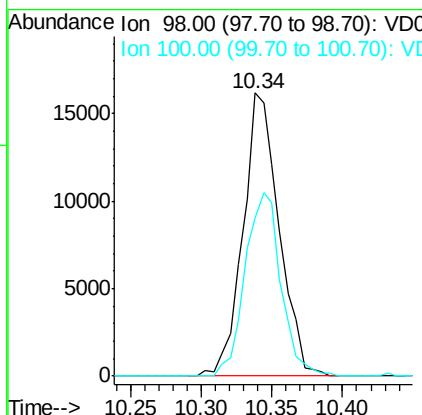
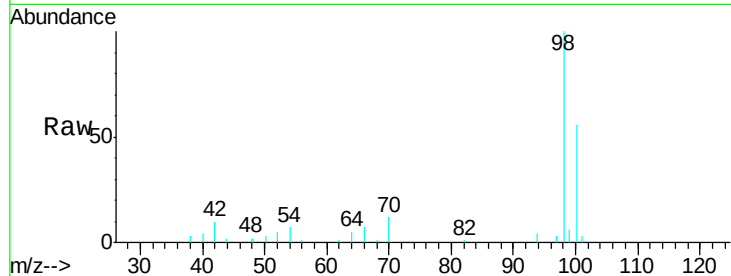




#50
Toluene-d8
Concen: 45.626 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064143.D
Acq: 31 Oct 2019 21:06

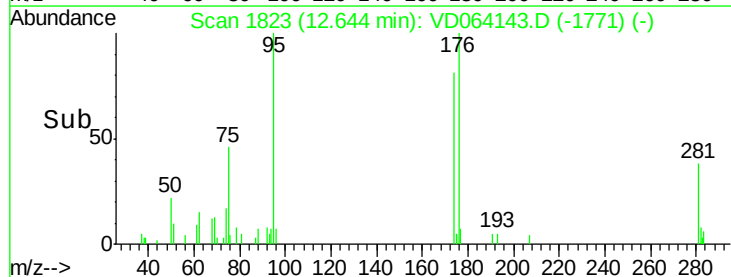
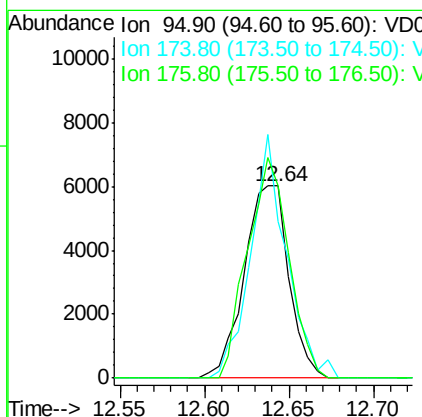
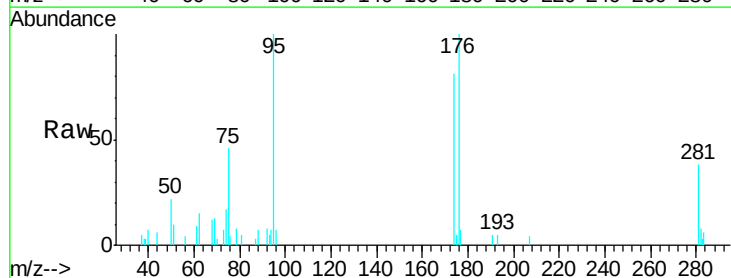
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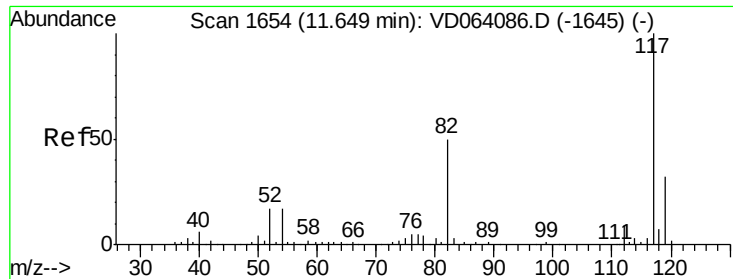
Tgt Ion: 98 Resp: 28921
Ion Ratio Lower Upper
98 100
100 64.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 52.782 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064143.D
Acq: 31 Oct 2019 21:06

Tgt Ion: 95 Resp: 11092
Ion Ratio Lower Upper
95 100
174 101.5 0.0 201.6
176 106.2 0.0 192.6

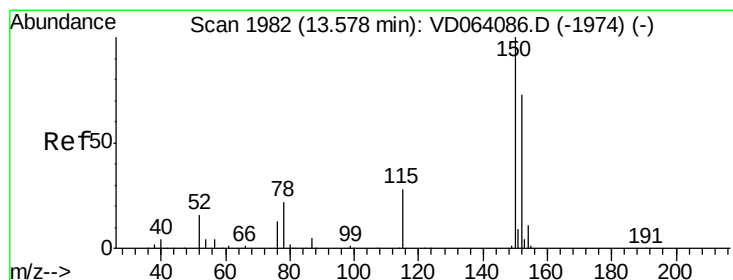
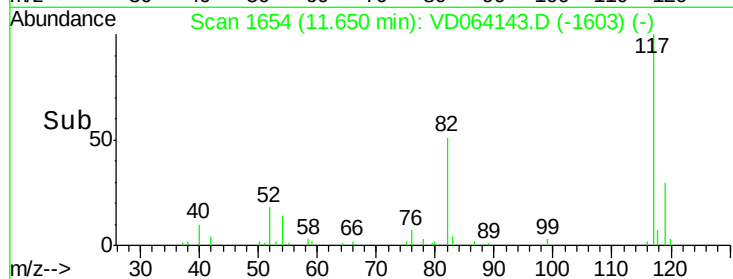
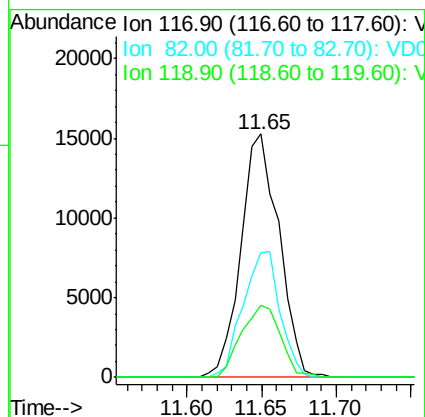
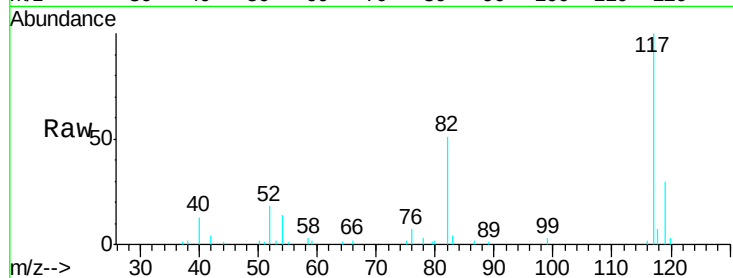




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064143.D
Acq: 31 Oct 2019 21:06

Instrument :
MSVOA_D
ClientSampleId :
RBR200055-RBR200034-RT1868

Tgt Ion:117 Resp: 26996
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 29.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064143.D
Acq: 31 Oct 2019 21:06

Tgt Ion:152 Resp: 14046
Ion Ratio Lower Upper
152 100
115 55.8 26.2 78.6
150 151.1 0.0 338.8

