

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064741.D
 Acq On : 03 Jan 2020 18:29
 Operator : VA/SY
 Sample : K6471-05
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-0-1-GRAB-B8

Quant Time: Jan 06 07:31:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	94292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	143153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	140579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	70503	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	67997	81.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.56%	
35) Dibromofluoromethane	7.92	113	54248	61.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.54%	
50) Toluene-d8	10.34	98	171657	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	56735	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

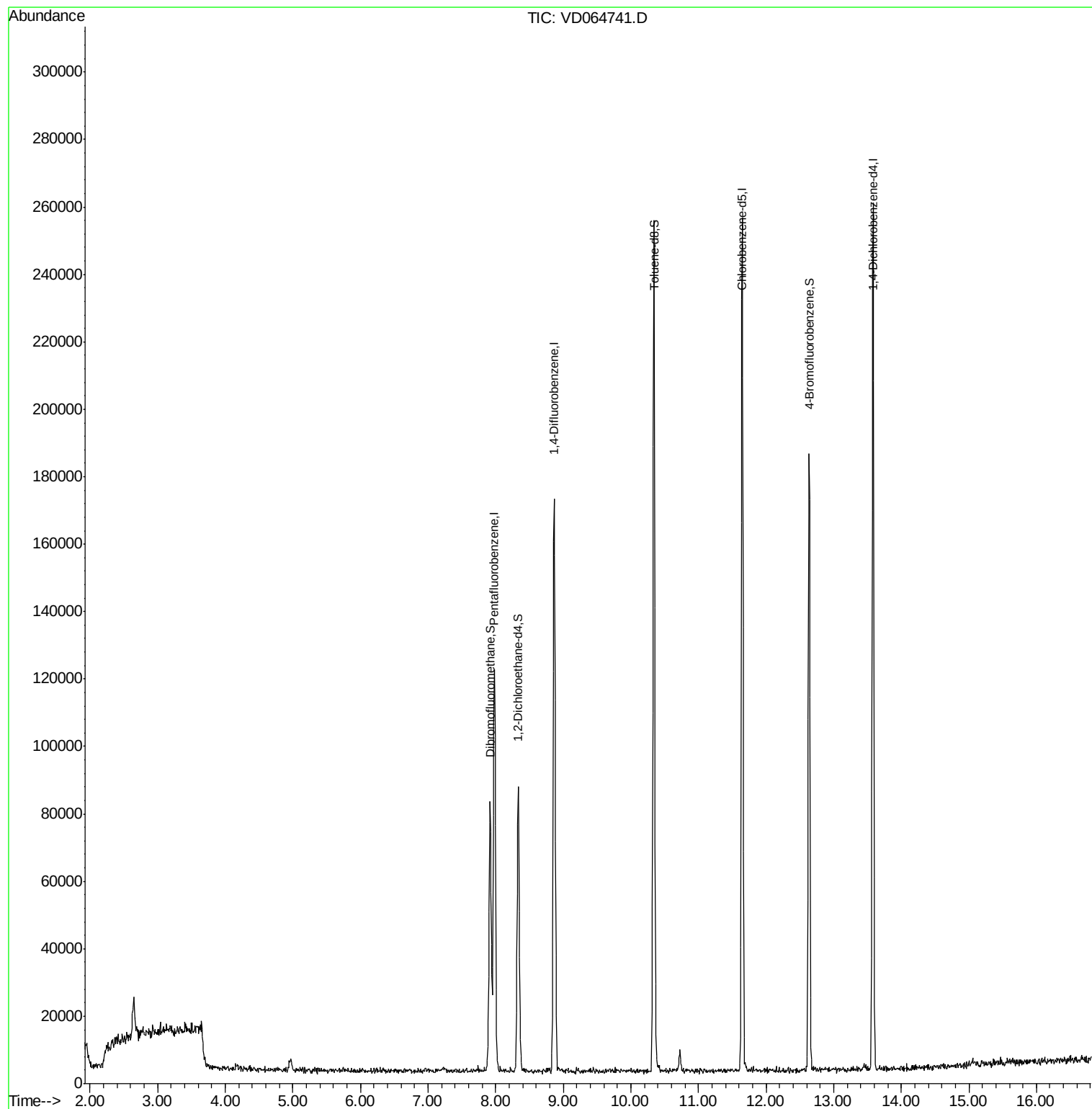
Target Compounds	Qvalue
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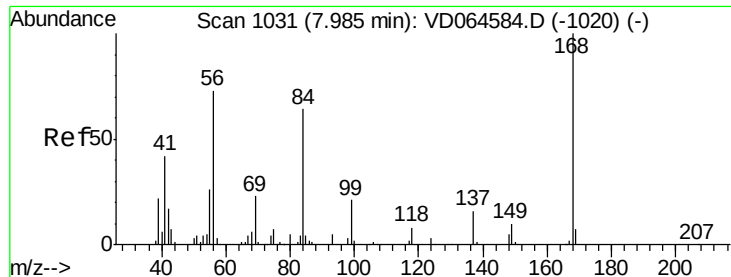
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064741.D

Acq: 03 Jan 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

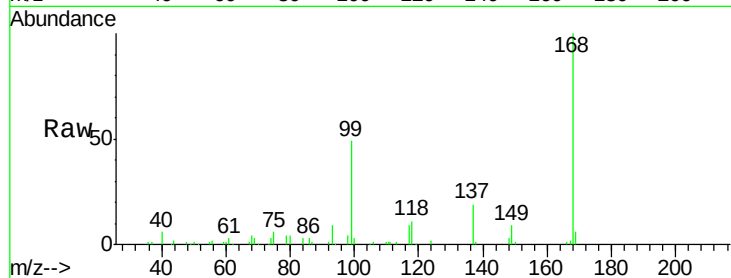
MC-123019-0-1-GRAB-B8

Tgt Ion:168 Resp: 94292

Ion Ratio Lower Upper

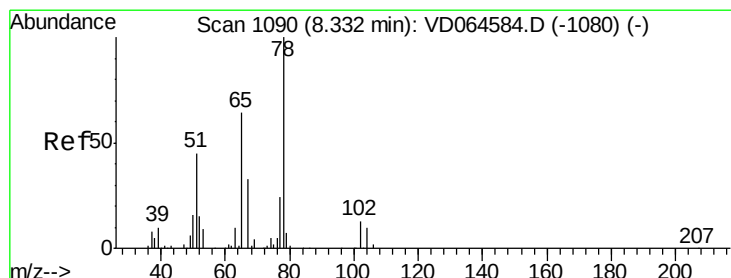
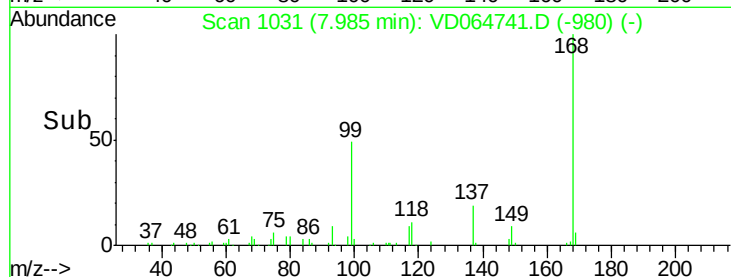
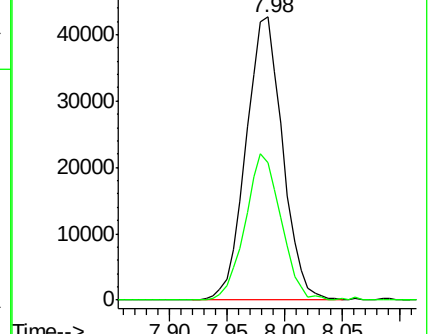
168 100

99 48.6 41.8 62.6



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: 81.781 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064741.D

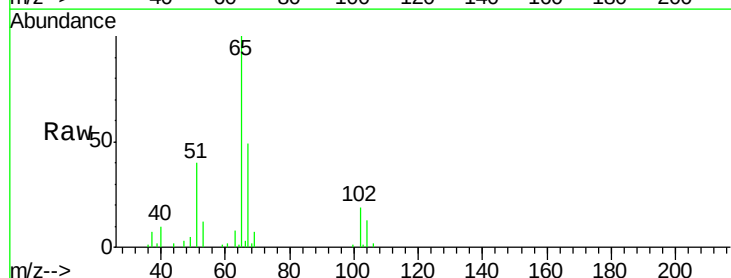
Acq: 03 Jan 2020 18:29

Tgt Ion: 65 Resp: 67997

Ion Ratio Lower Upper

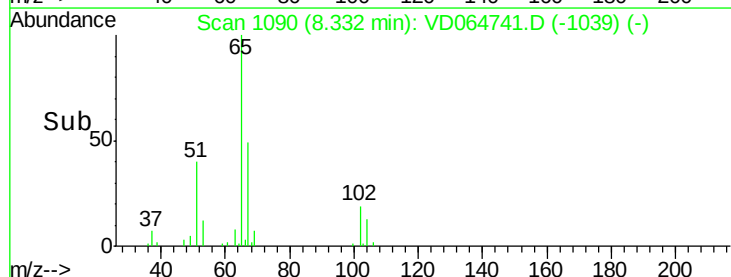
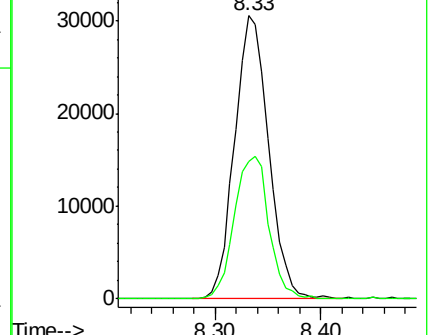
65 100

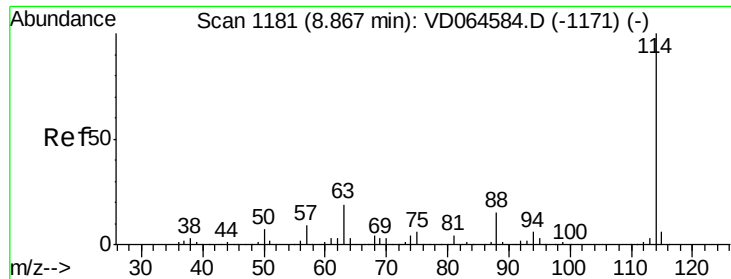
67 51.1 0.0 106.2



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: VD064741.D

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ClientSampleId :

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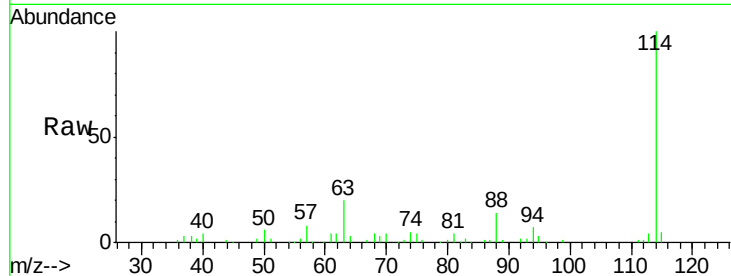
Tgt Ion:114 Resp: 143153

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

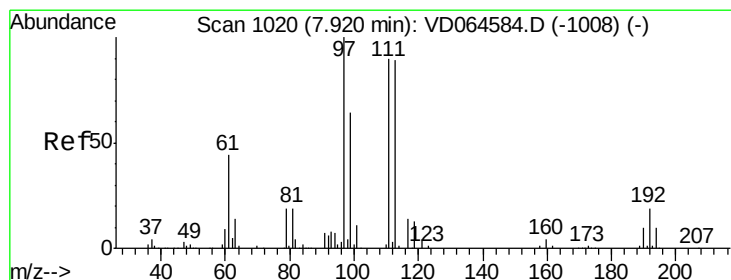
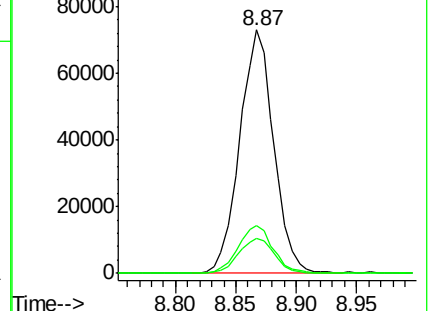
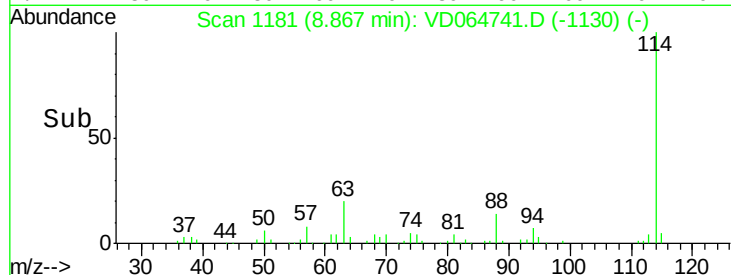
88 14.4 0.0 29.2



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: 61.767 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064741.D

Acq: 03 Jan 2020 18:29

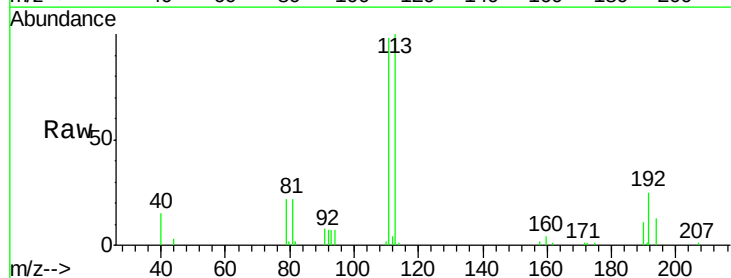
Tgt Ion:113 Resp: 54248

Ion Ratio Lower Upper

113 100

111 99.9 80.6 121.0

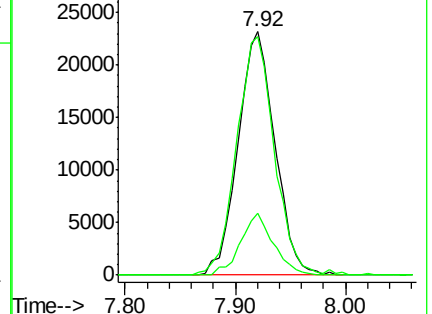
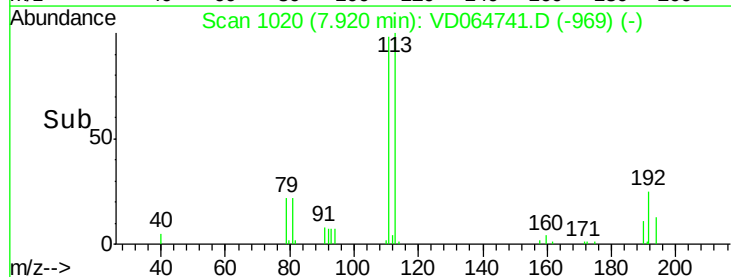
192 22.7 17.9 26.9

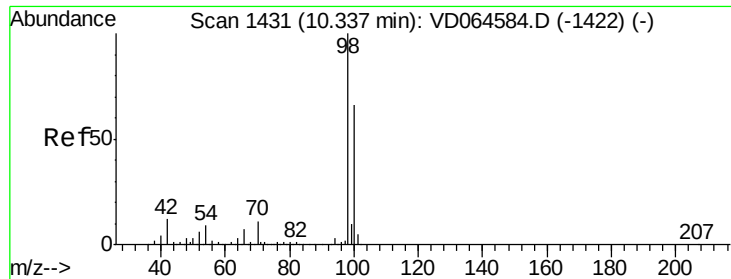


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

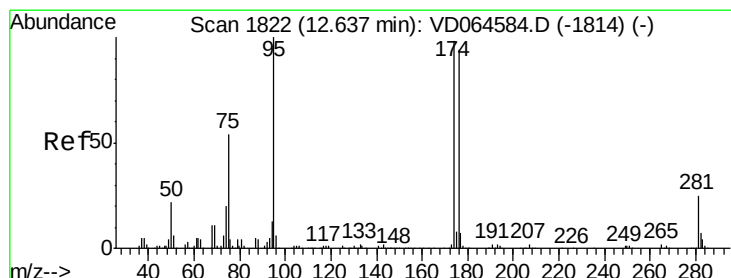
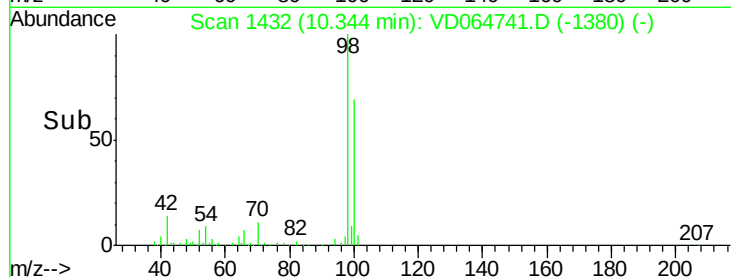
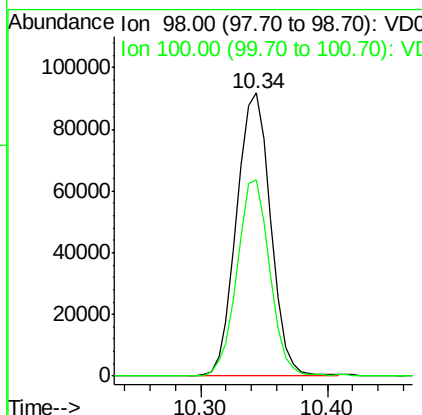
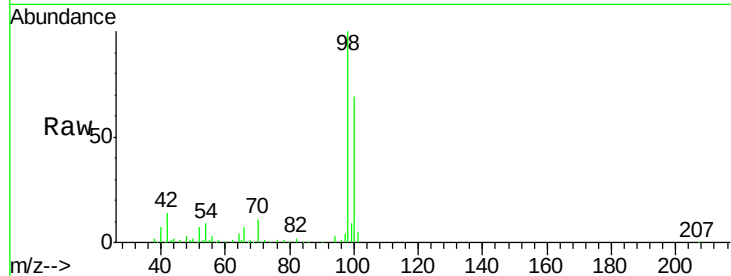




#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064741.D
Acq: 03 Jan 2020 18:29

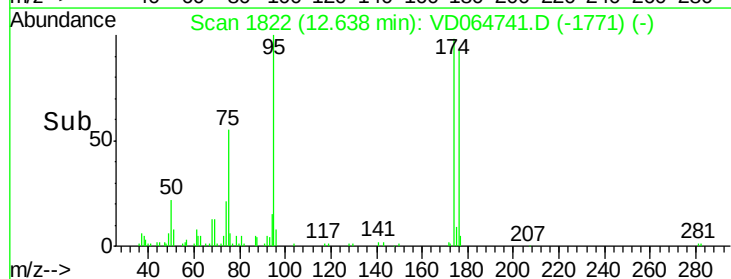
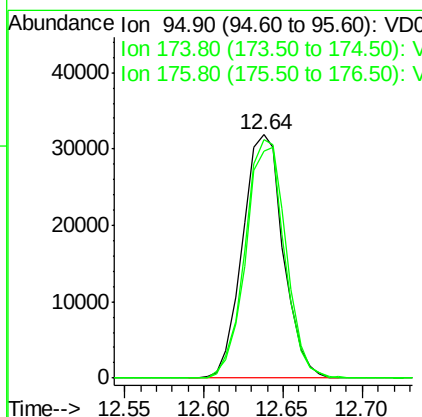
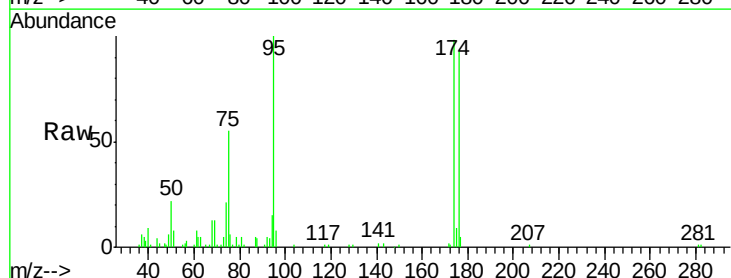
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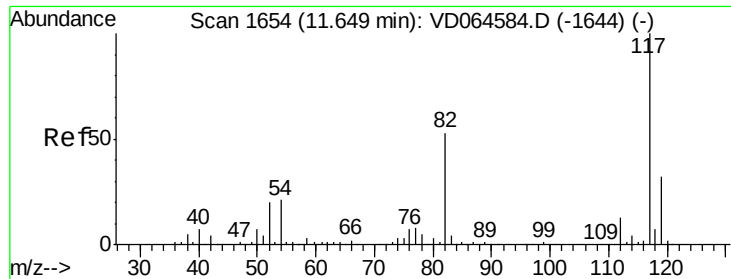
Tgt Ion: 98 Resp: 171657
Ion Ratio Lower Upper
98 100
100 66.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064741.D
Acq: 03 Jan 2020 18:29

Tgt Ion: 95 Resp: 56735
Ion Ratio Lower Upper
95 100
174 98.1 0.0 193.2
176 91.5 0.0 184.2

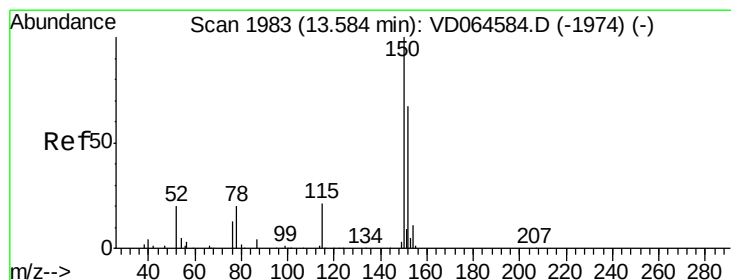
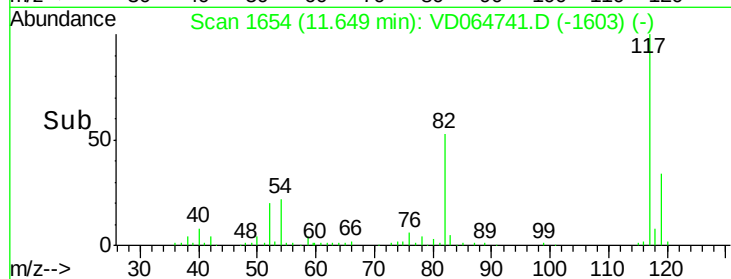
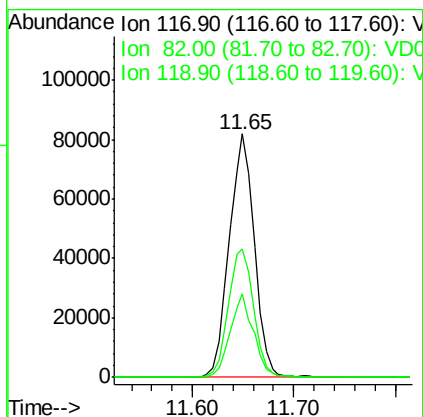
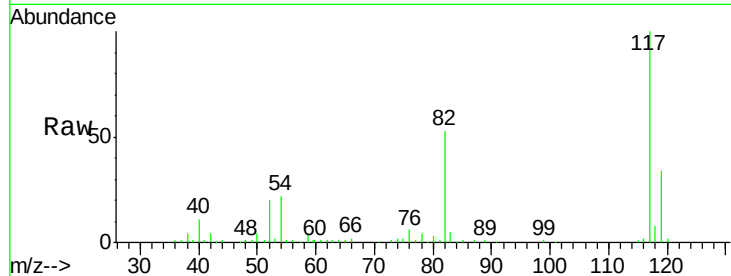




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064741.D
Acq: 03 Jan 2020 18:29

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 140579
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 34.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064741.D
Acq: 03 Jan 2020 18:29

Tgt Ion:152 Resp: 70503
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.4
150 151.4 0.0 351.4

