

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064344.D
 Acq On : 22 Nov 2019 13:39
 Operator : VA/SY
 Sample : K5977-05
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-112119-0-1-GRAB-B5

Quant Time: Nov 23 02:15:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	862519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1249770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1068582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	493950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	347912	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.92	113	370138	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.34	98	1440489	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.64	95	446907	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

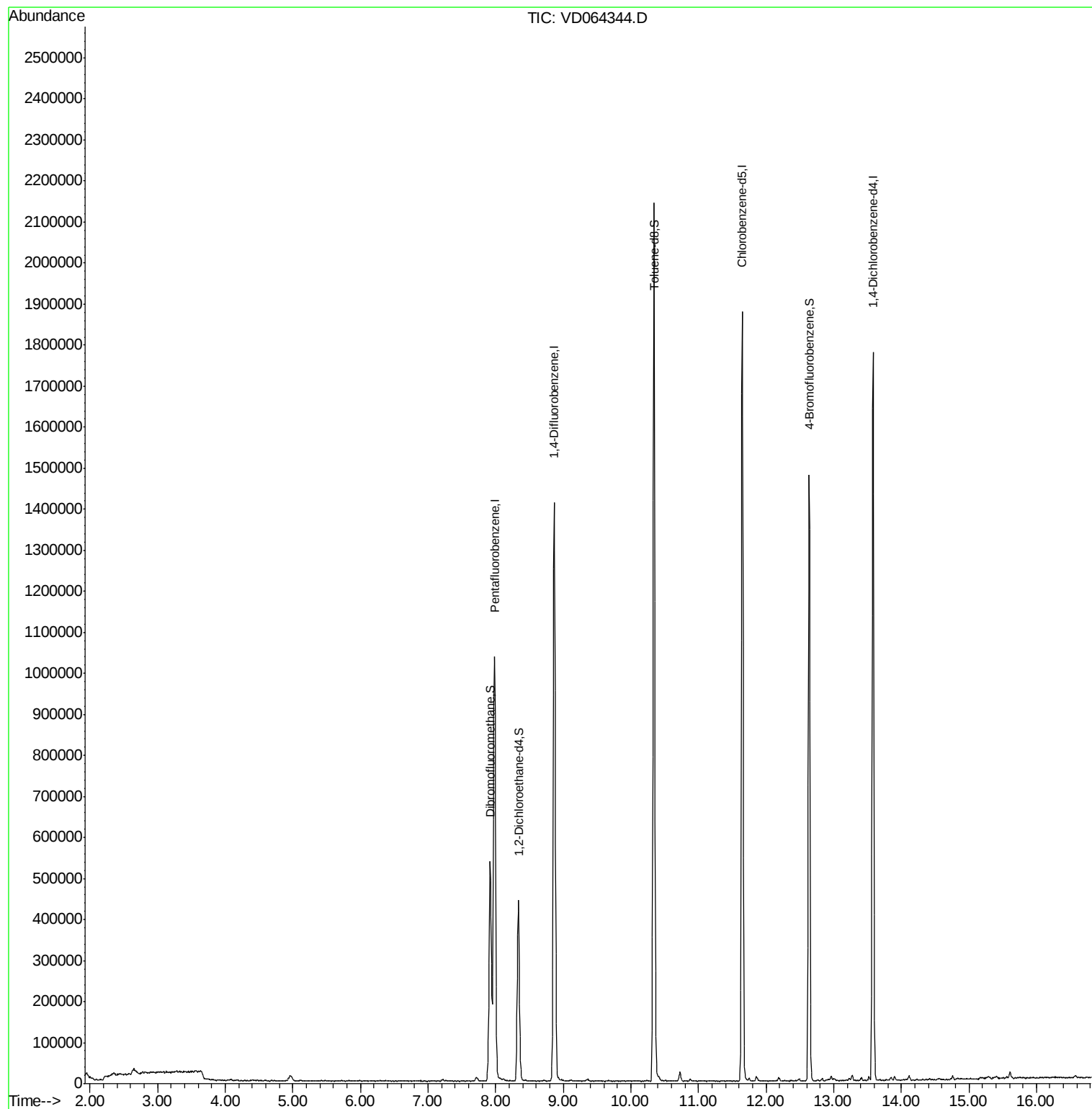
Target Compounds	Qvalue

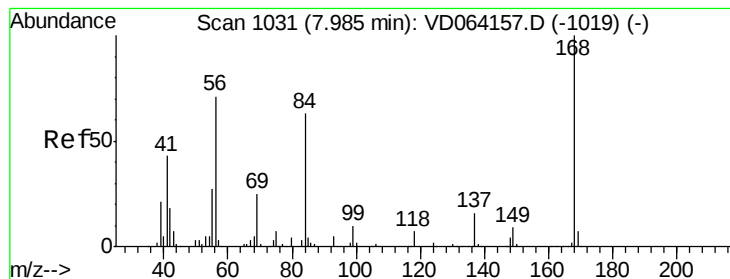
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

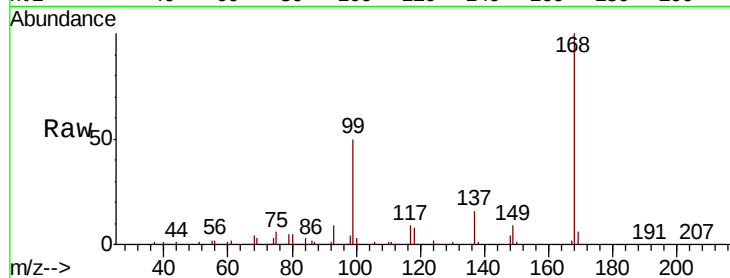
WS-112119-0-1-GRAB-B5

Tot Ion:168 Resp: 862519

Ion Ratio Lower Upper

168 100

99 49.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

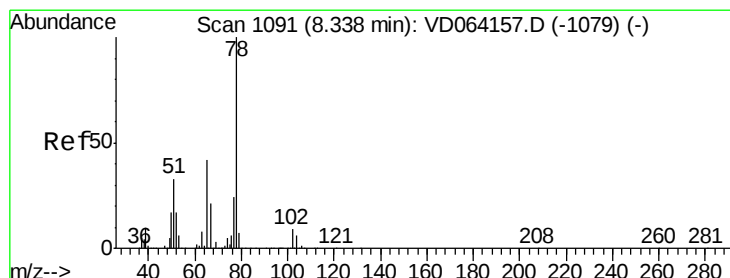
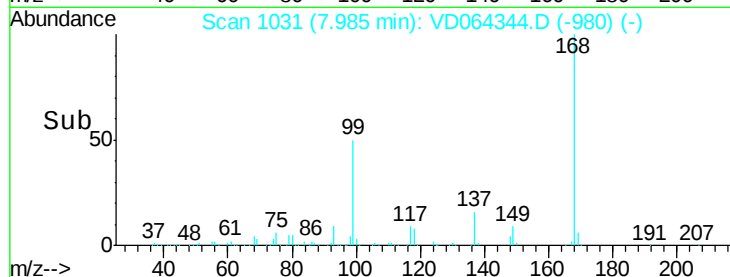
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.045 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064344.D

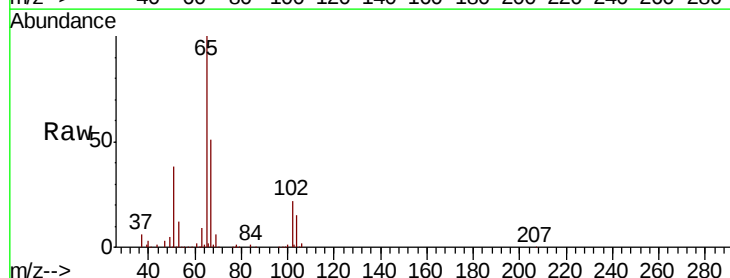
Acq: 22 Nov 2019 13:39

Tgt Ion: 65 Resp: 347912

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

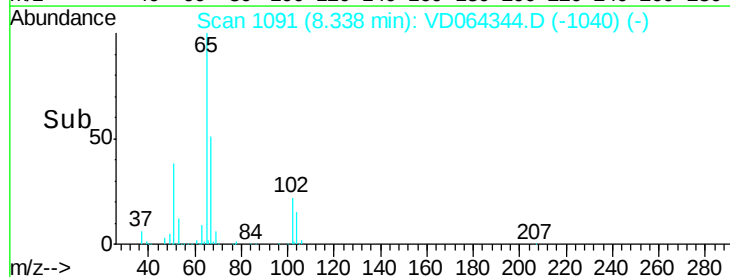
150000

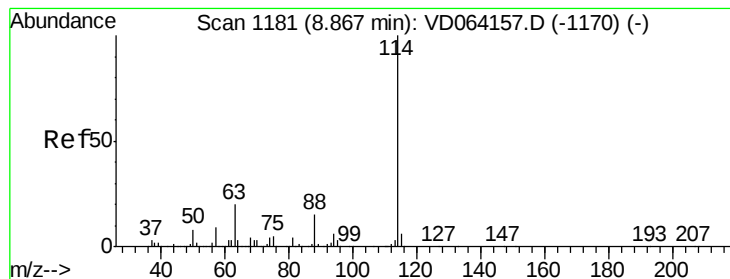
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064344.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

WS-112119-0-1-GRAB-B5

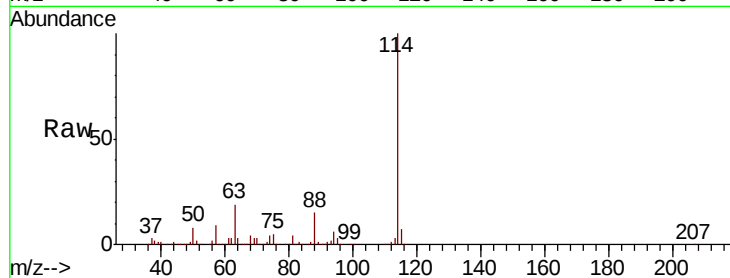
Tot Ion:114 Resp: 1249770

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

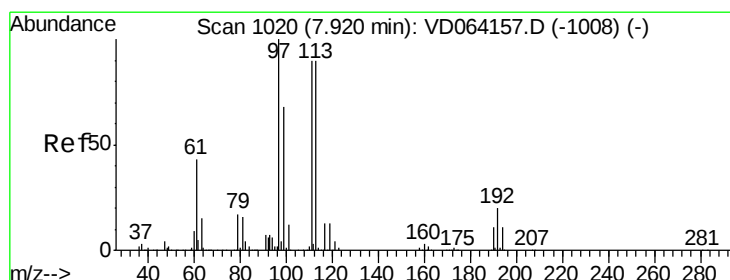
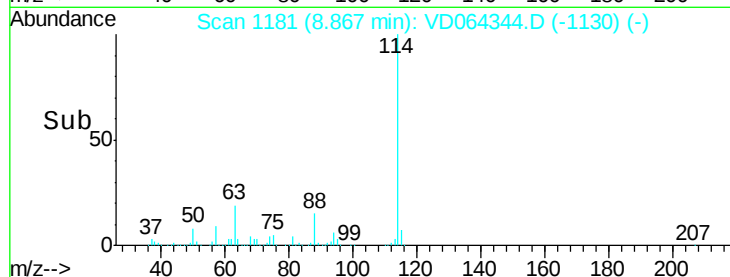
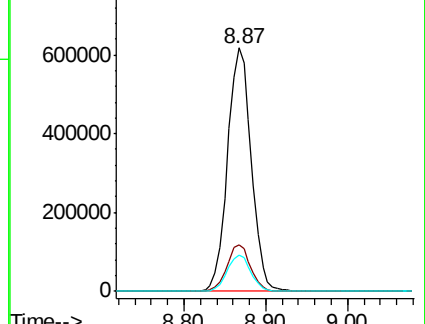
88 14.9 0.0 30.2



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: 51.595 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064344.D

Acq: 22 Nov 2019 13:39

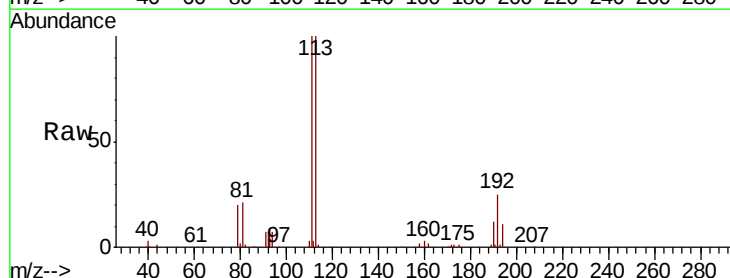
Tgt Ion:113 Resp: 370138

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

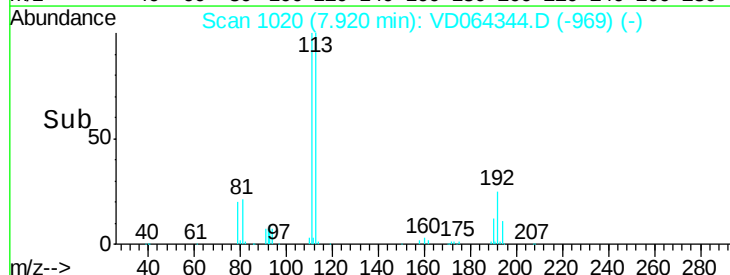
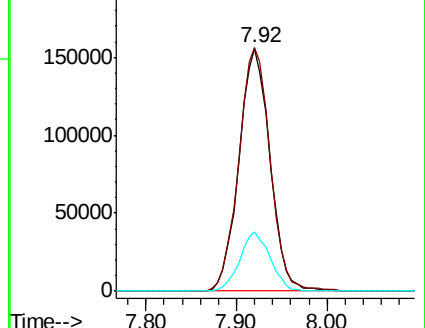
192 23.9 18.8 28.2



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

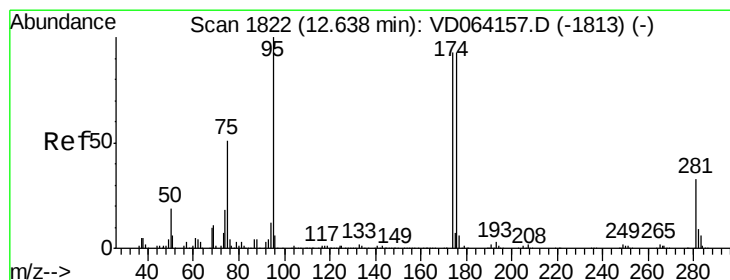
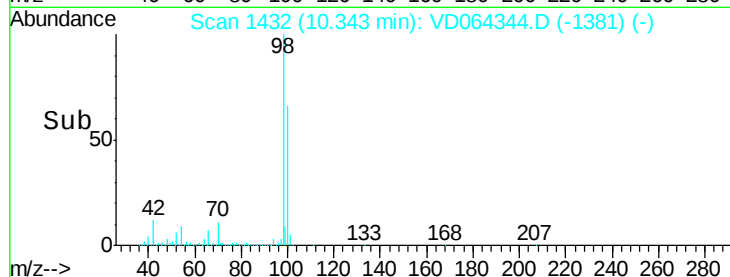
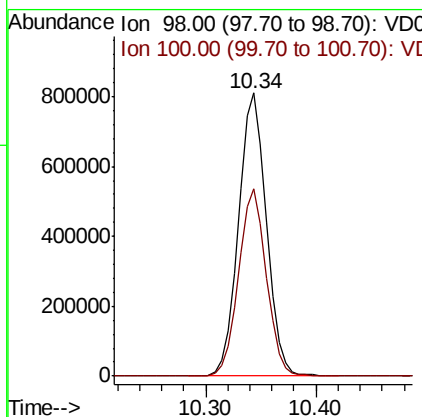
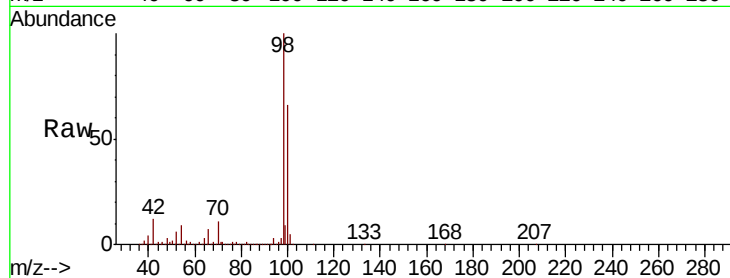




#50
Toluene-d8
Concen: 53.227 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

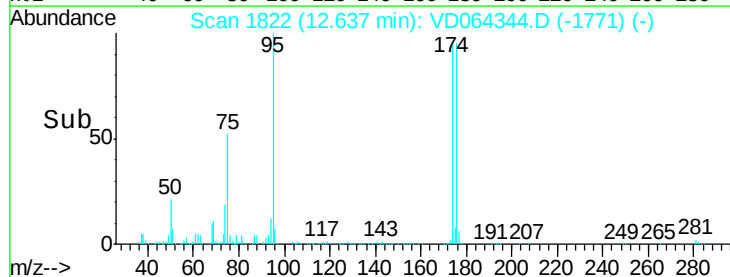
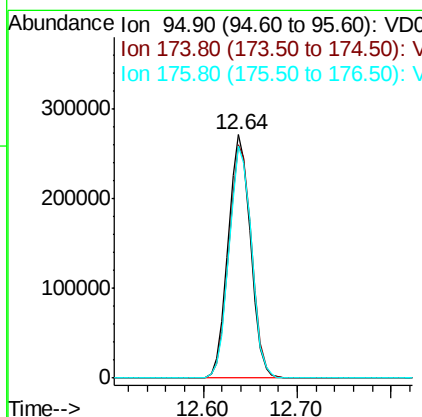
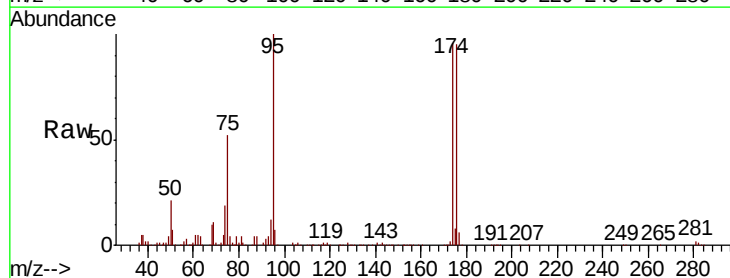
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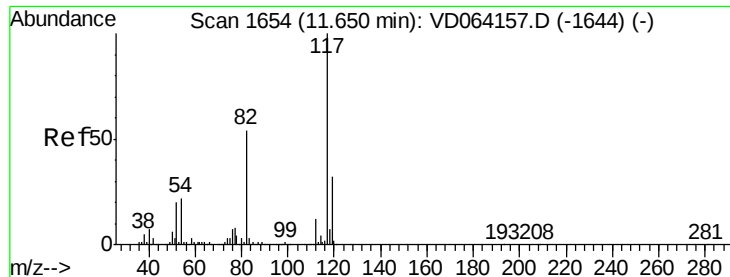
Tot Ion: 98 Resp: 1440489
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.685 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion: 95 Resp: 446907
Ion Ratio Lower Upper
95 100
174 97.4 0.0 183.6
176 95.2 0.0 180.2

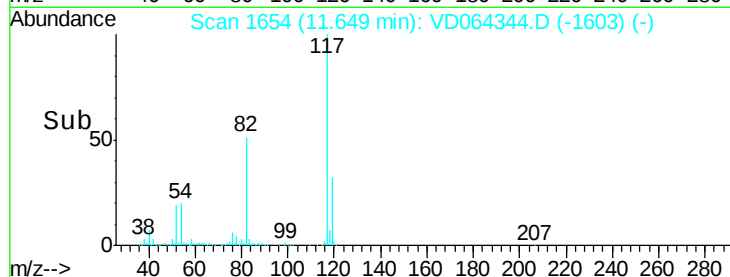
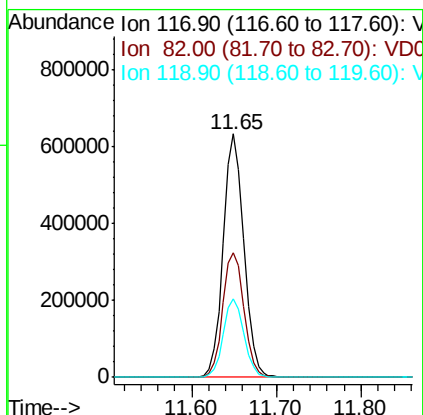
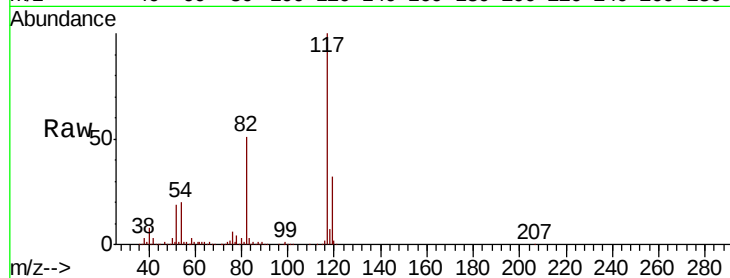




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Instrument :
MSVOA_D
ClientSampleId :
WS-112119-0-1-GRAB-B5

Tot Ion:117 Resp: 1068582
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion:152 Resp: 493950
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 155.9 0.0 351.6

