

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\
 Data File : VD067713.D
 Acq On : 19 Nov 2020 17:26
 Operator : VA/SY
 Sample : L4832-01
 Misc : 4.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-33-2-WC

Quant Time: Nov 20 01:21:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121504	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
35) Dibromofluoromethane	7.92	113	119179	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.34	98	447775	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.64	95	191081	68.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.14%	

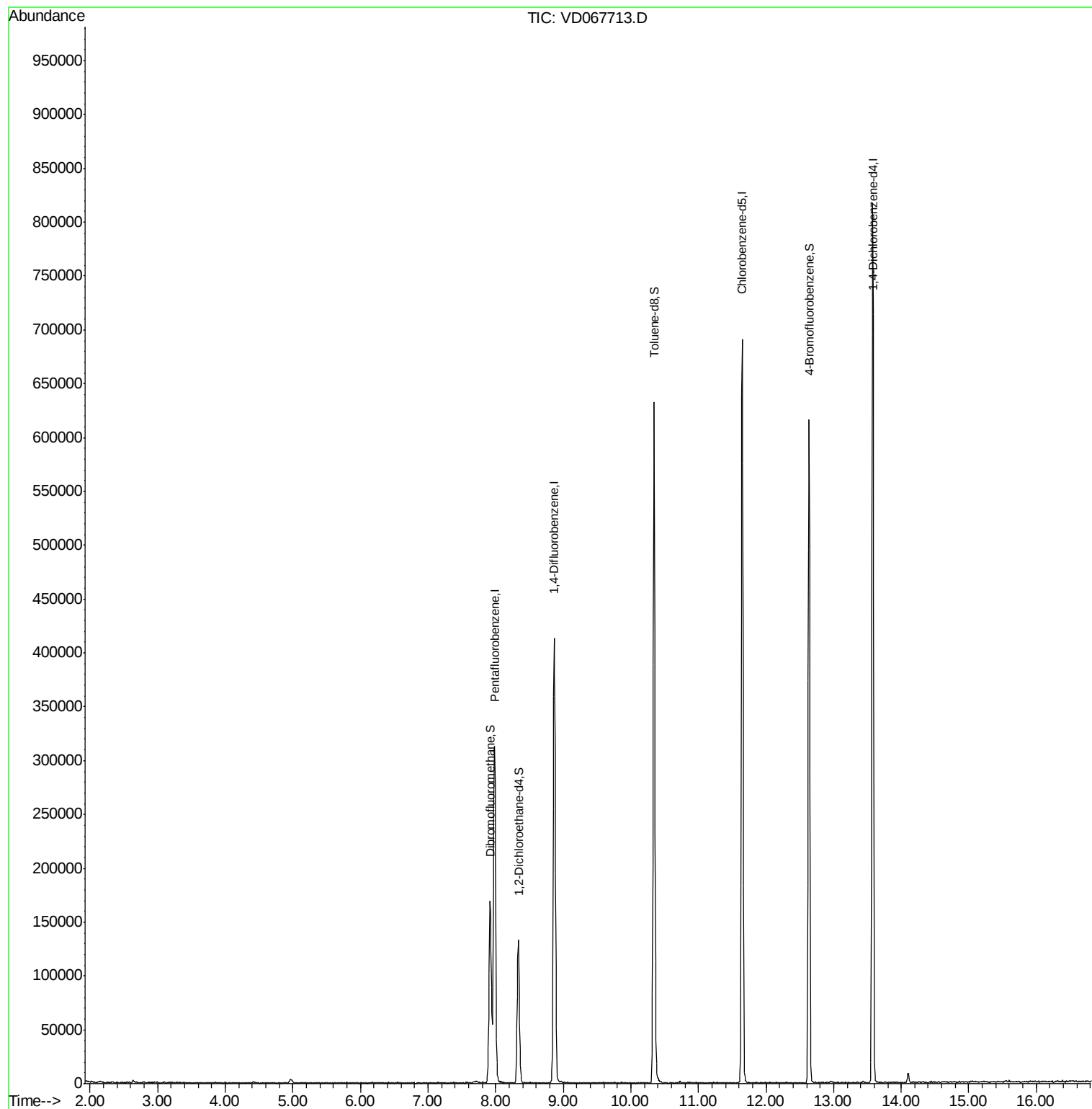
Target Compounds	Qvalue

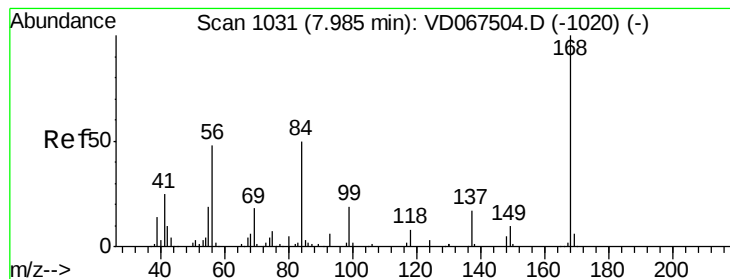
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067713.D

Acq: 19 Nov 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

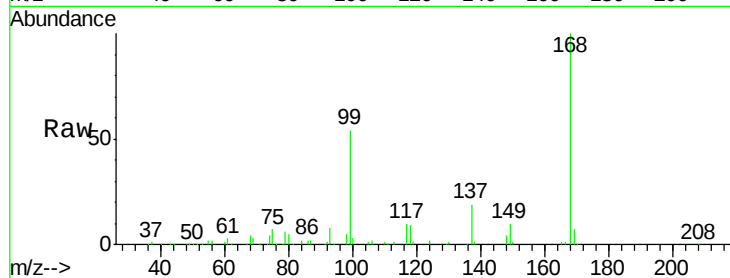
R-LA-33-2-WC

Tot Ion:168 Resp: 245371

Ion Ratio Lower Upper

168 100

99 53.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

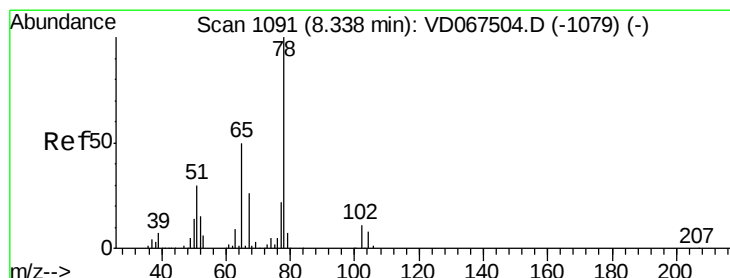
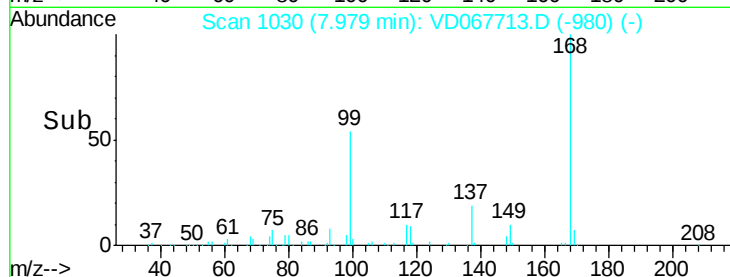
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.632 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067713.D

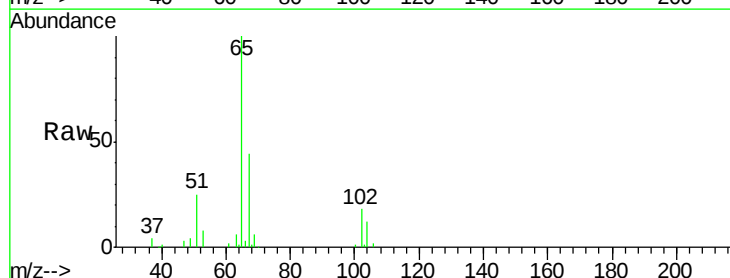
Acq: 19 Nov 2020 17:26

Tgt Ion: 65 Resp: 121504

Ion Ratio Lower Upper

65 100

67 46.9 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

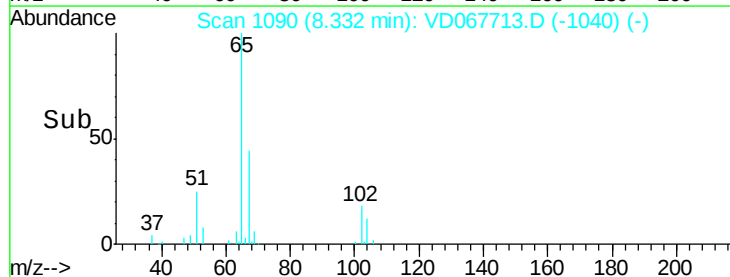
30000

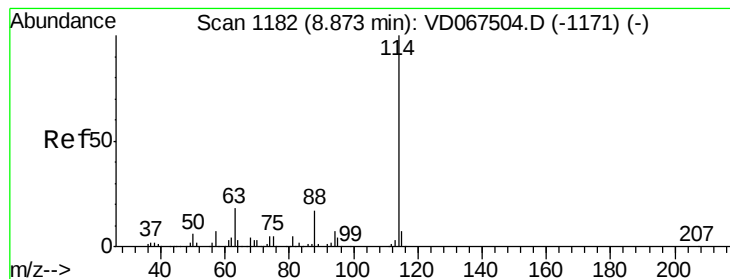
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067713.D

Acq: 19 Nov 2020 17:26

Instrument :

MSVOA_D

ClientSampleId :

R-LA-33-2-WC

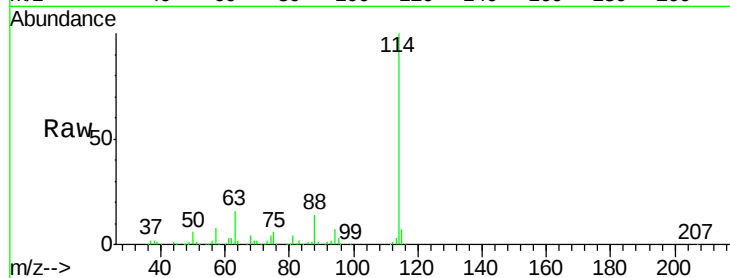
Tot Ion:114 Resp: 381187

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

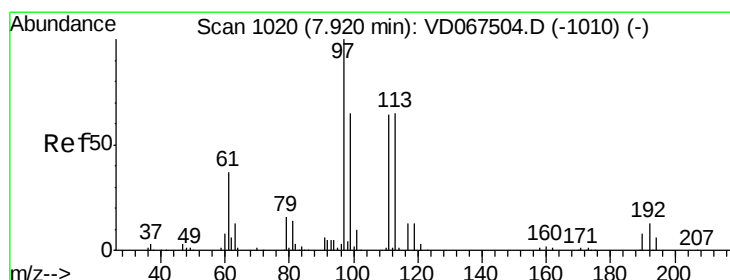
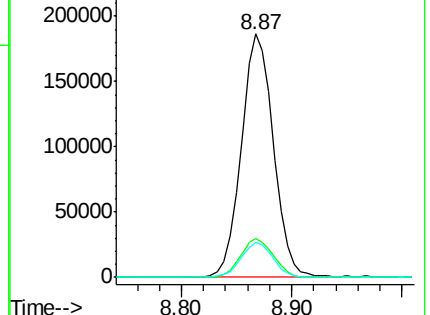
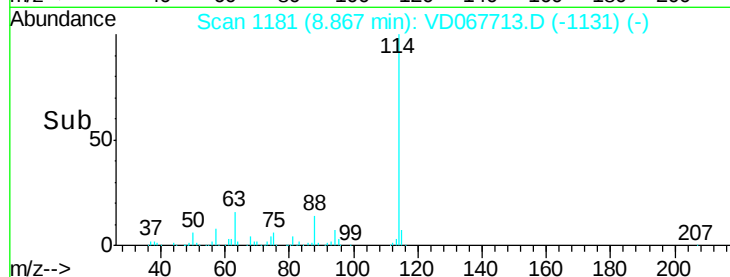
88 14.5 0.0 33.0



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: 51.893 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067713.D

Acq: 19 Nov 2020 17:26

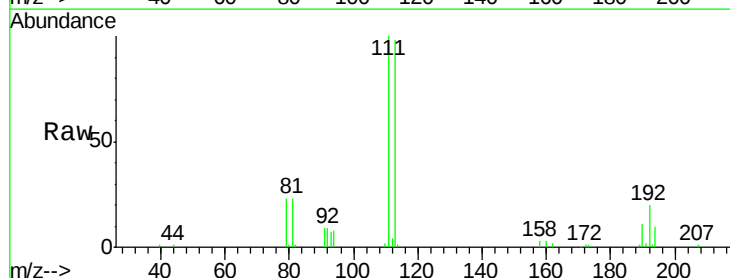
Tgt Ion:113 Resp: 119179

Ion Ratio Lower Upper

113 100

111 101.5 80.0 120.0

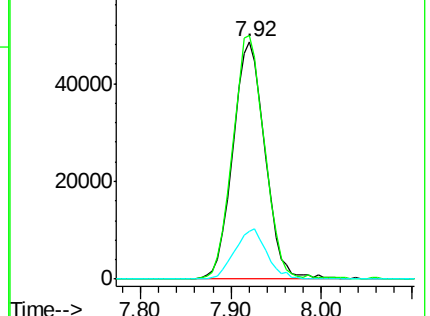
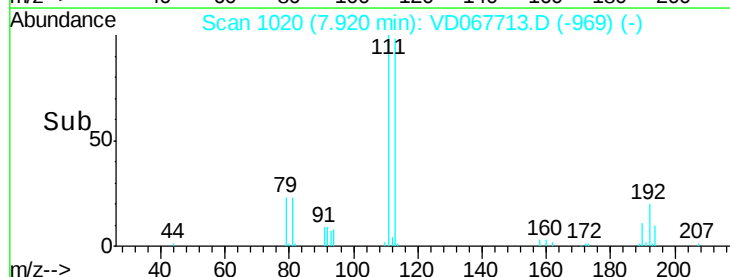
192 21.1 16.3 24.5

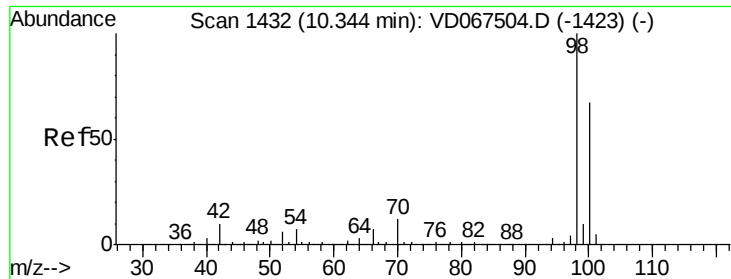


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

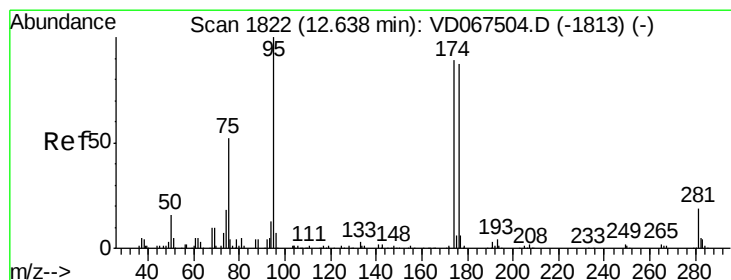
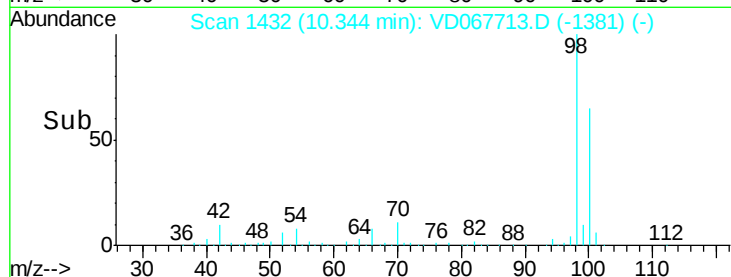
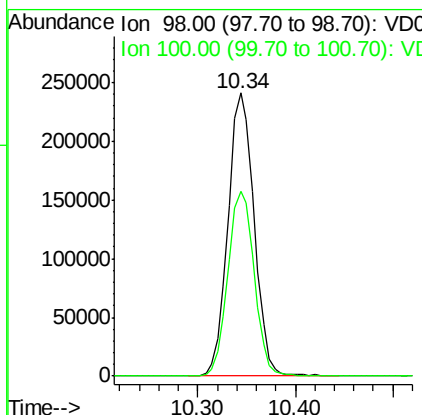
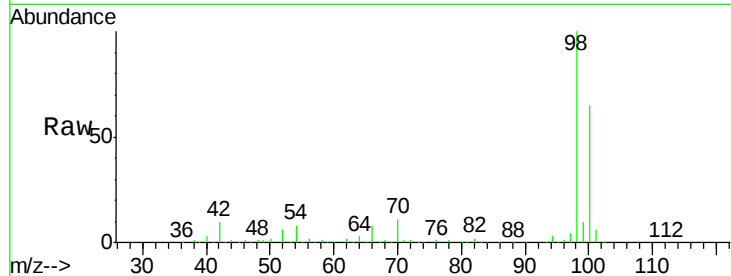




#50
Toluene-d8
Concen: 55.480 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067713.D
Acq: 19 Nov 2020 17:26

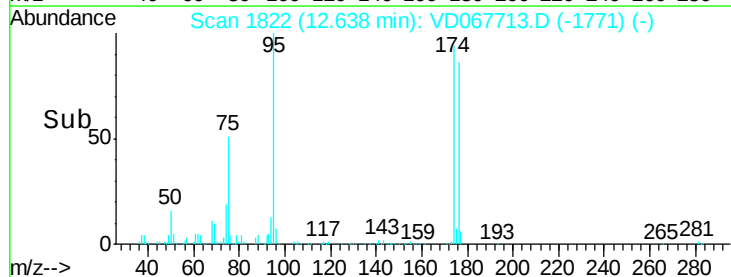
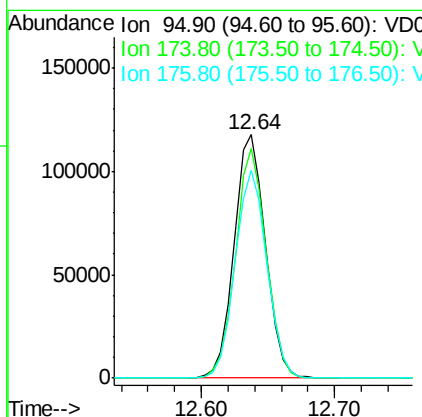
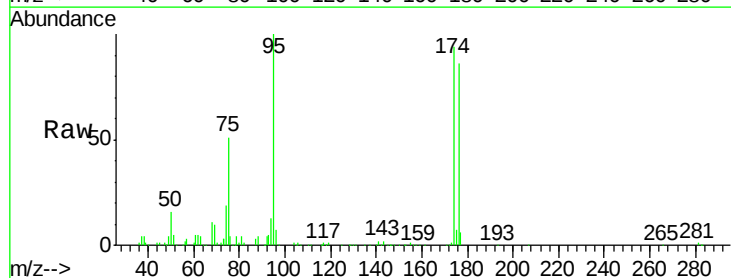
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R-LA-33-2-WC

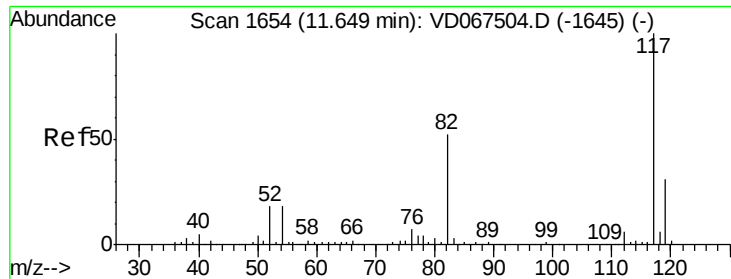
Tot Ion: 98 Resp: 447775
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 68.575 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067713.D
Acq: 19 Nov 2020 17:26

Tgt Ion: 95 Resp: 191081
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.8
176 86.3 0.0 172.0

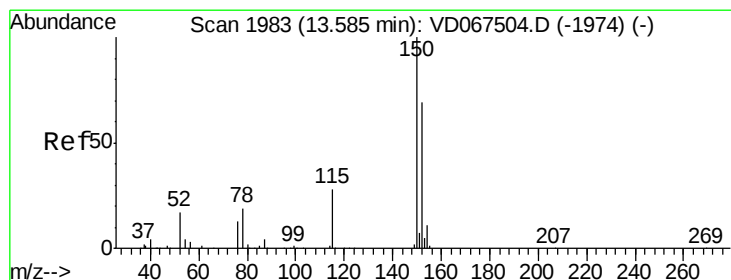
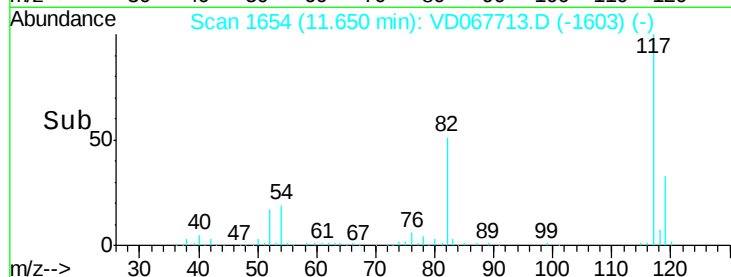
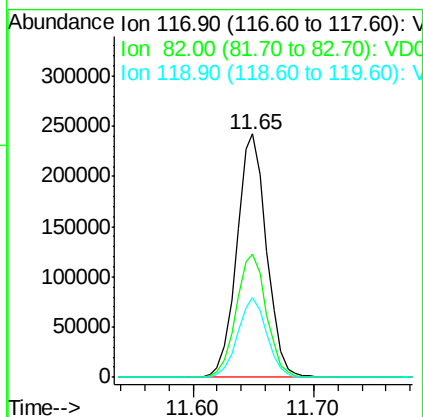
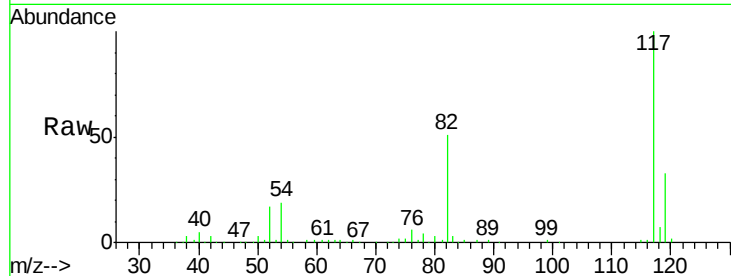




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067713.D
Acq: 19 Nov 2020 17:26

Instrument :
MSVOA_D
ClientSampleId :
R-LA-33-2-WC

Tot Ion:117 Resp: 414404
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067713.D
Acq: 19 Nov 2020 17:26

Tgt Ion:152 Resp: 228750
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 158.4 0.0 338.2

