

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067328.D
 Acq On : 20 Oct 2020 17:07
 Operator : VA/SY
 Sample : L4436-08
 Misc : 9.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 36A

Quant Time: Oct 21 02:46:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	531616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	230856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	172275	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.92	113	173549	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.34	98	622650	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.64	95	213758	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	

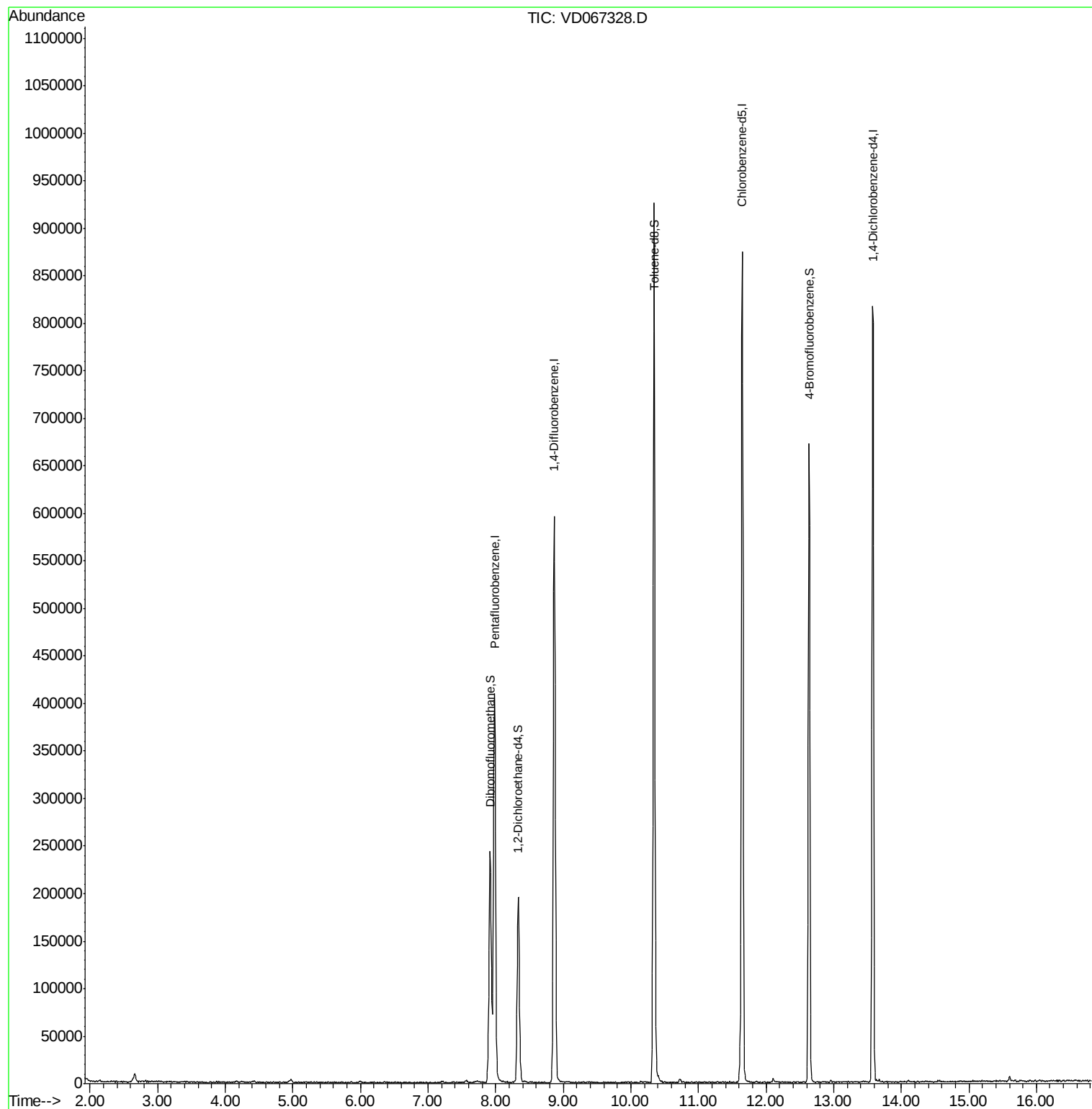
Target Compounds	Qvalue
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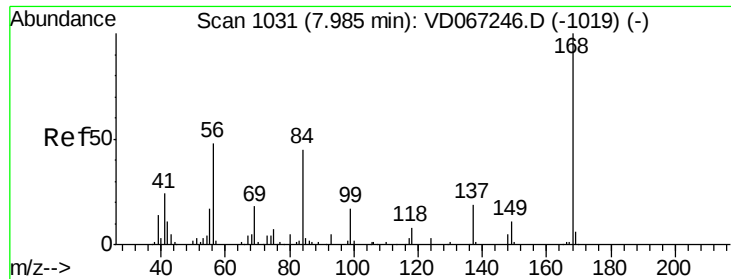
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067328.D

Acq: 20 Oct 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

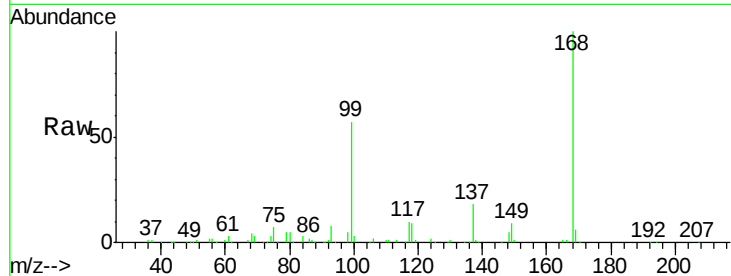
36A

Tot Ion:168 Resp: 305093

Ion Ratio Lower Upper

168 100

99 57.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

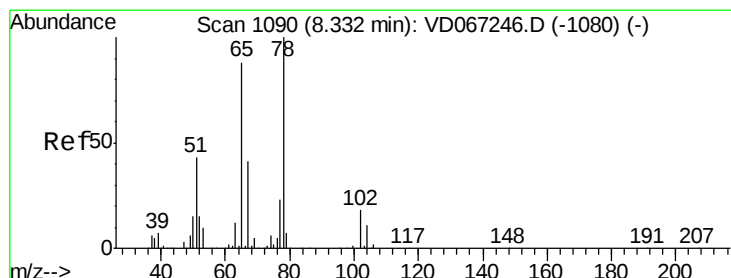
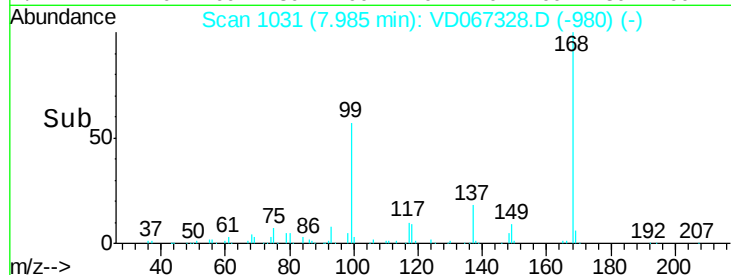
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.362 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067328.D

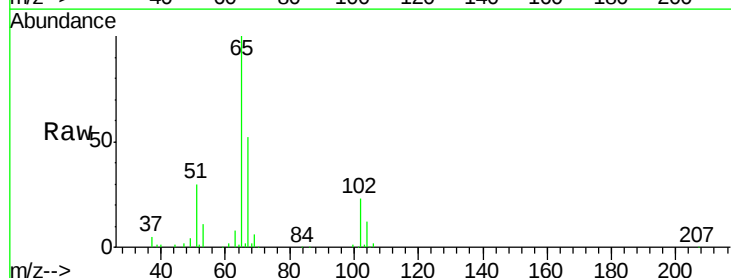
Acq: 20 Oct 2020 17:07

Tgt Ion: 65 Resp: 172275

Ion Ratio Lower Upper

65 100

67 48.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

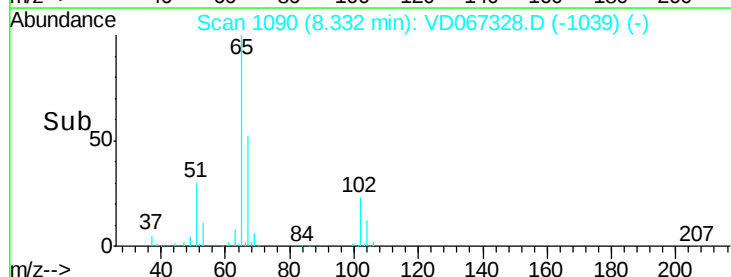
40000

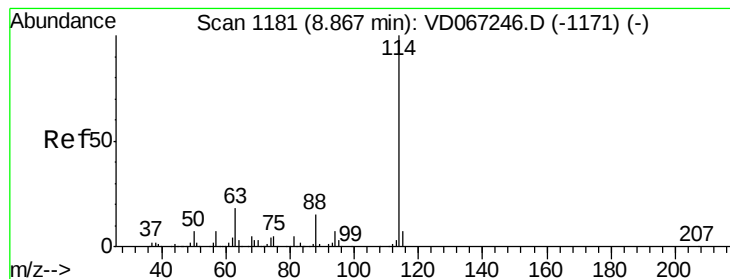
20000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067328.D

Acq: 20 Oct 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

36A

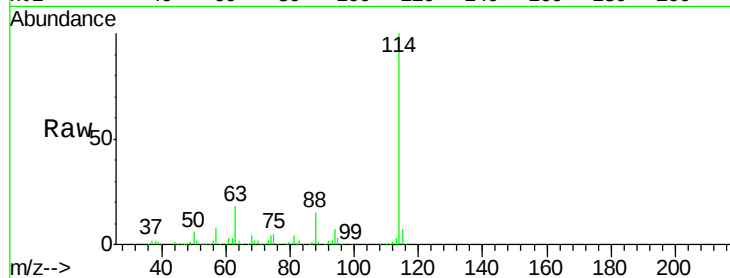
Tot Ion:114 Resp: 531616

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

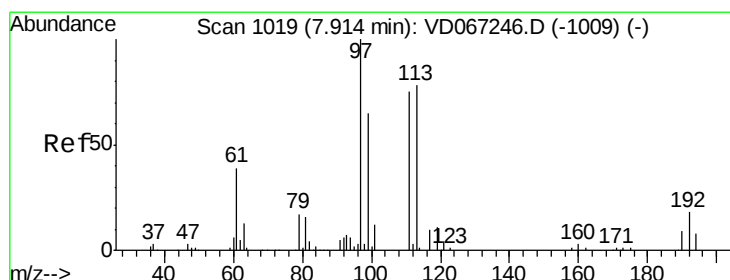
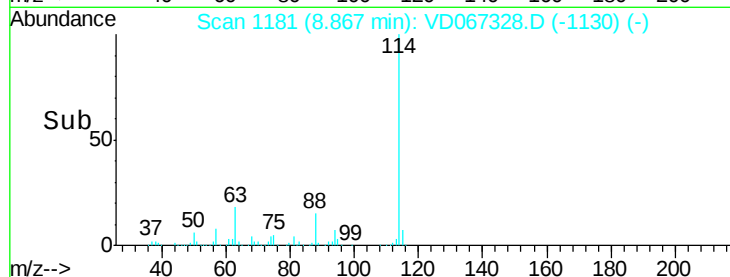
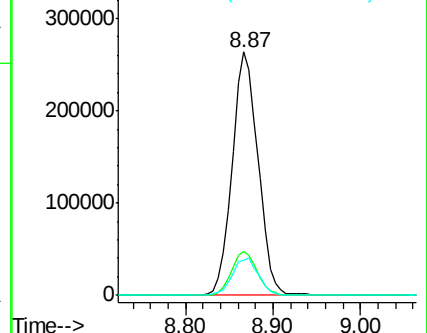
88 14.6 0.0 30.6



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: 49.054 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067328.D

Acq: 20 Oct 2020 17:07

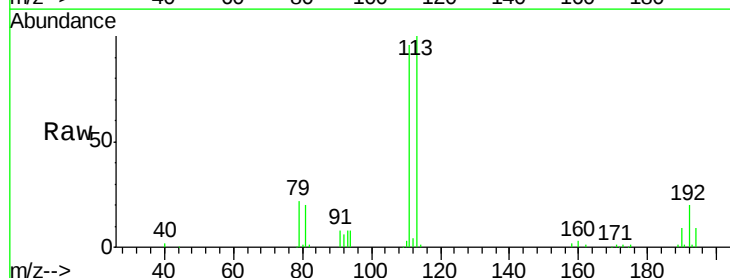
Tgt Ion:113 Resp: 173549

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

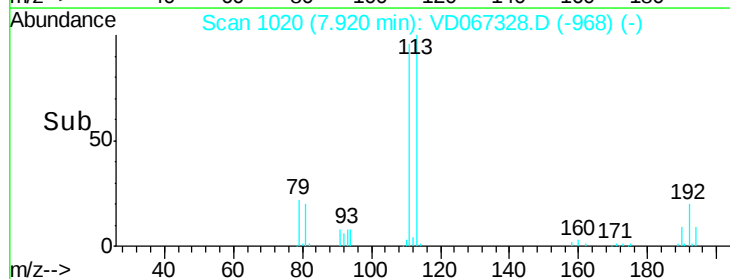
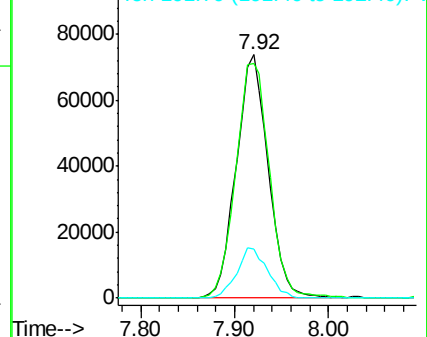
192 19.7 17.0 25.4

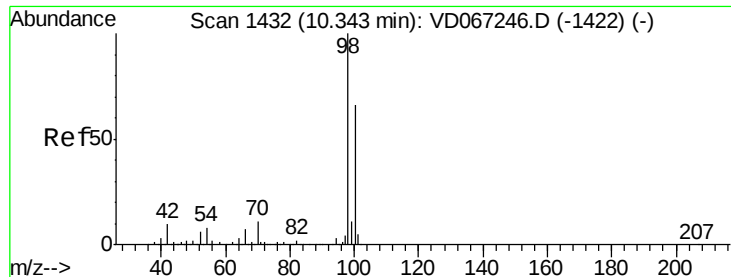


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

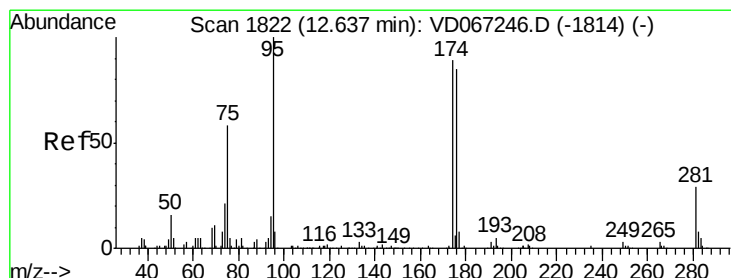
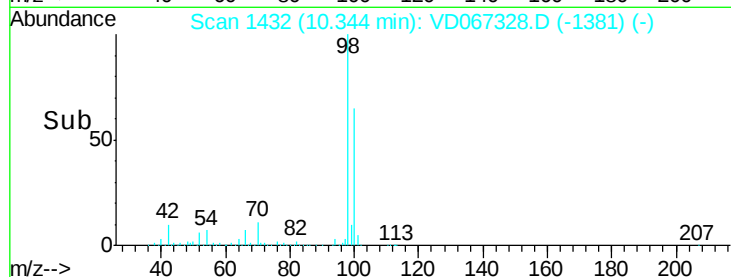
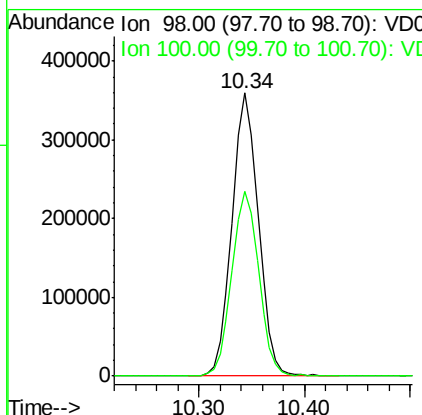
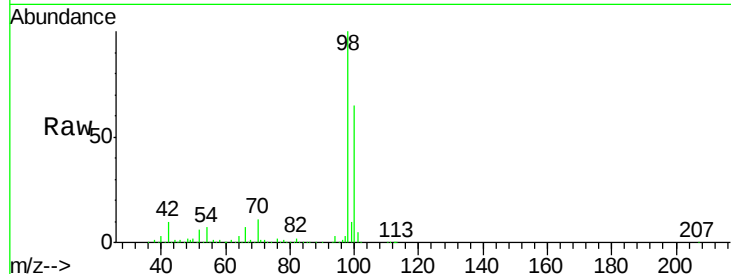




#50
Toluene-d8
Concen: 48.632 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067328.D
Acq: 20 Oct 2020 17:07

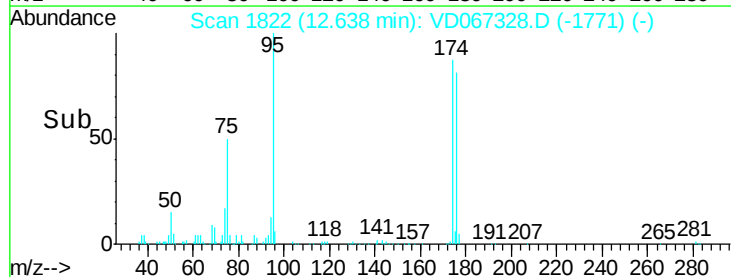
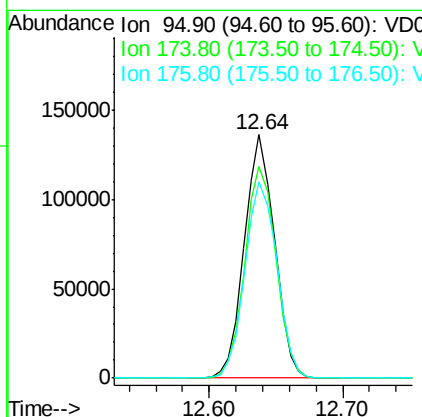
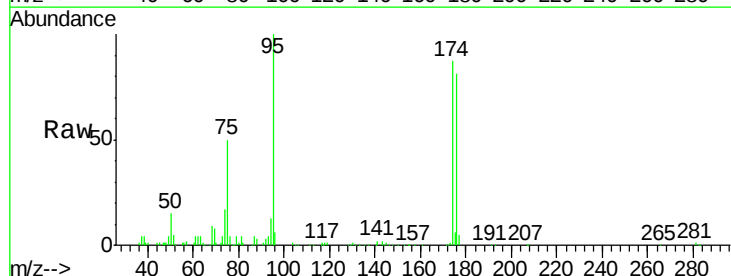
Instrument :
MSVOA_D
ClientSampled :
36A

Tot Ion: 98 Resp: 622650
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.014 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067328.D
Acq: 20 Oct 2020 17:07

Tgt Ion: 95 Resp: 213758
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.2
176 85.2 0.0 168.6

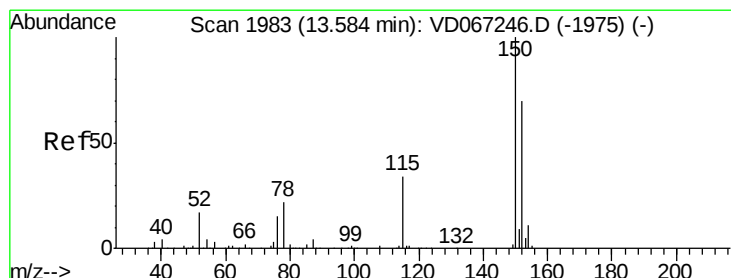
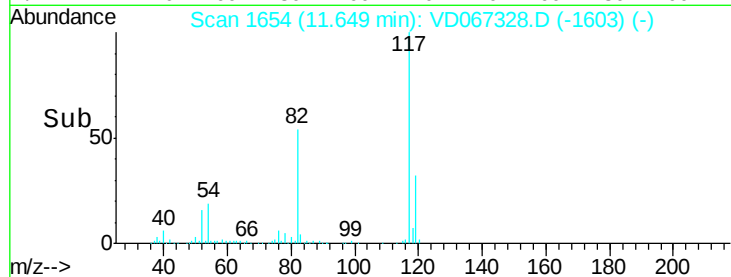
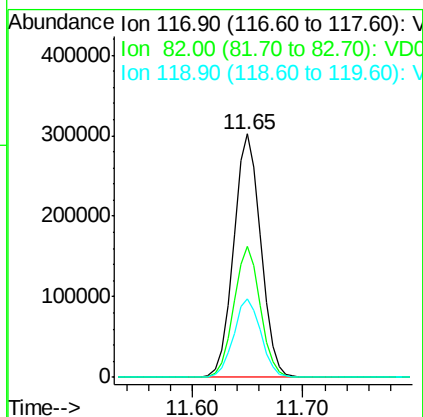
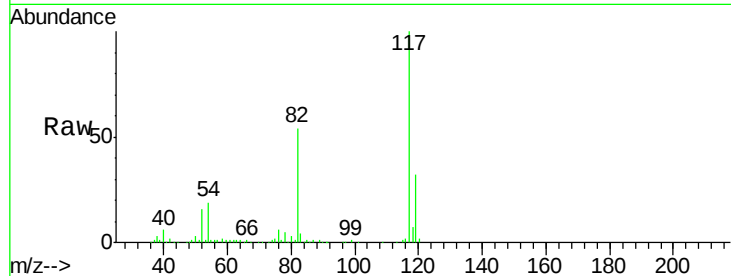




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067328.D
Acq: 20 Oct 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
36A

Tot Ion:117 Resp: 520625
Ion Ratio Lower Upper
117 100
82 54.0 39.9 59.9
119 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067328.D
Acq: 20 Oct 2020 17:07

Tgt Ion:152 Resp: 230856
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.9
150 160.3 0.0 339.0

