

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067231.D
 Acq On : 12 Oct 2020 13:58
 Operator : VA/SY
 Sample : L4340-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-2332-MH11

Quant Time: Oct 13 00:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	643786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	598521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	192177	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.91	113	205091	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.34	98	737892	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.64	95	253395	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

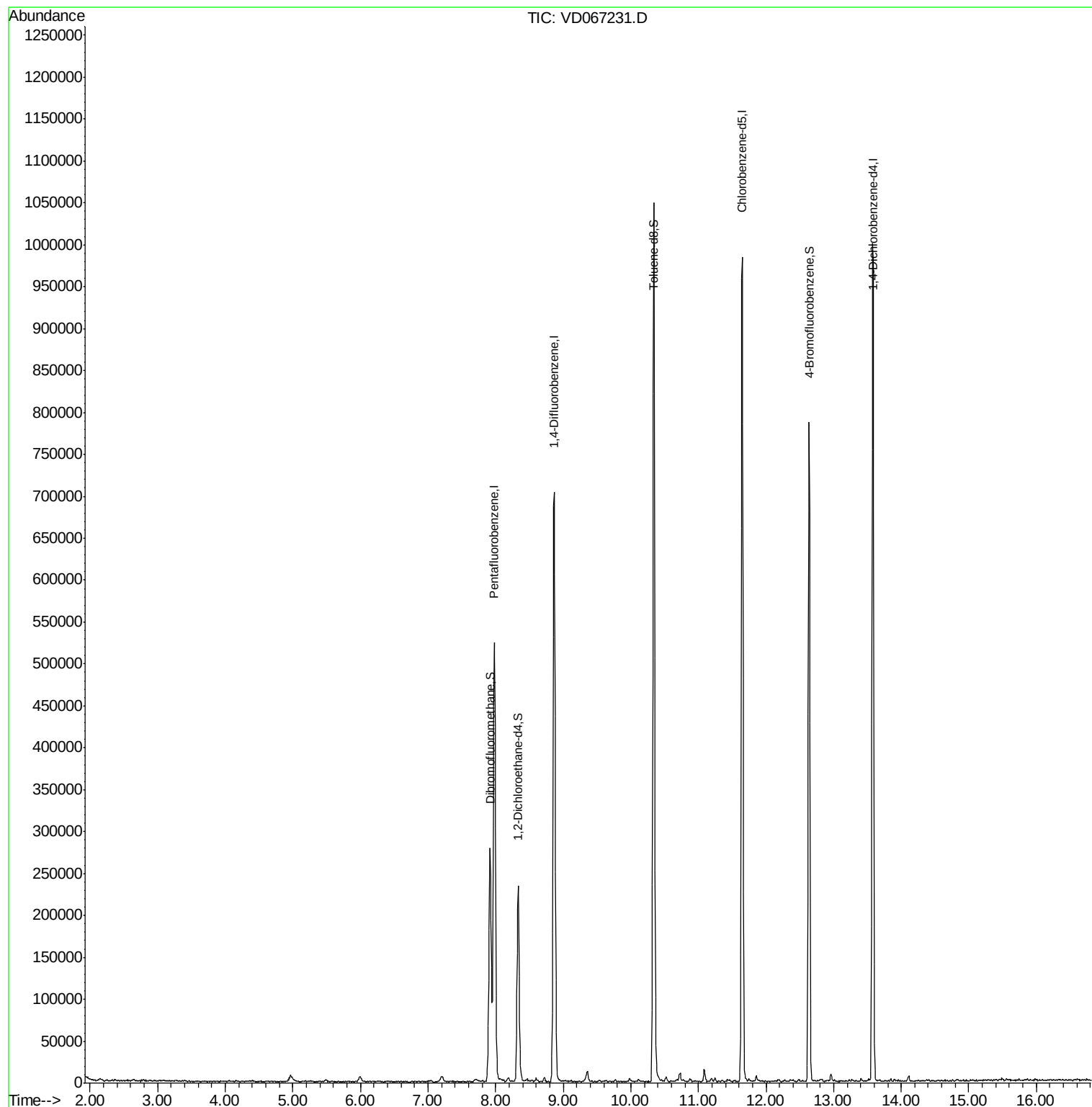
Target Compounds	Qvalue

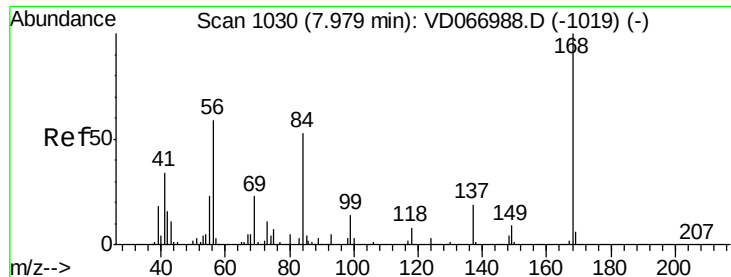
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067231.D

Acq: 12 Oct 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

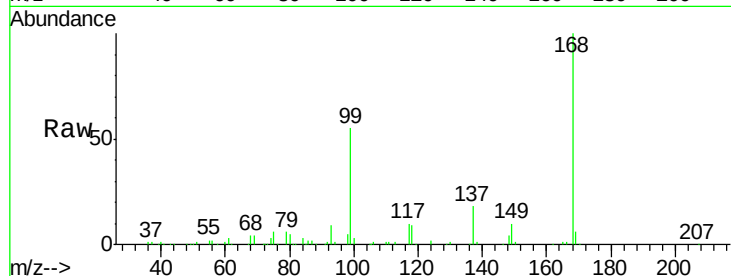
A-2332-MH11

Tot Ion:168 Resp: 392555

Ion Ratio Lower Upper

168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

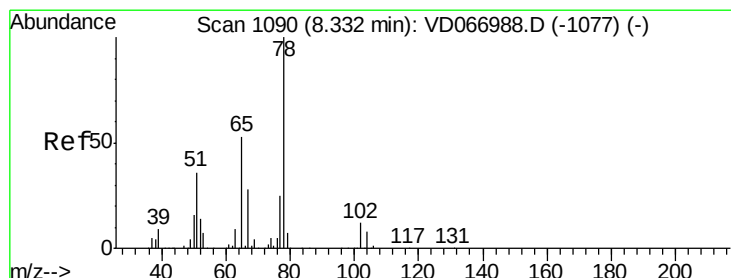
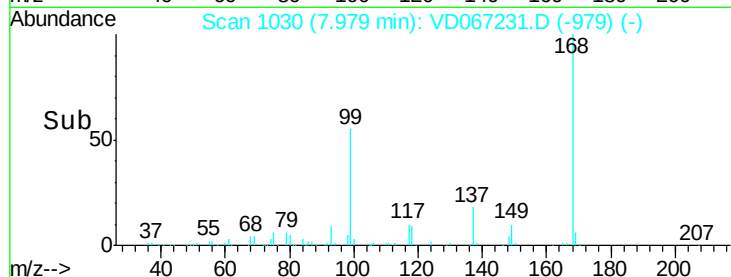
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.826 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067231.D

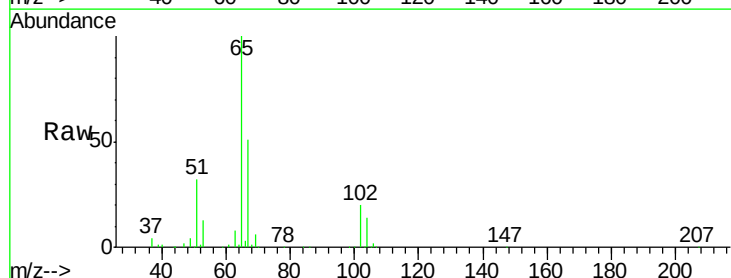
Acq: 12 Oct 2020 13:58

Tgt Ion: 65 Resp: 192177

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

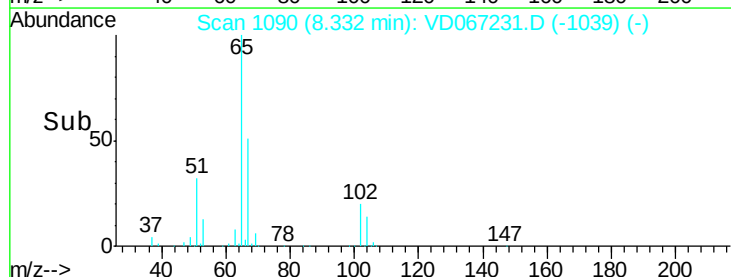
60000

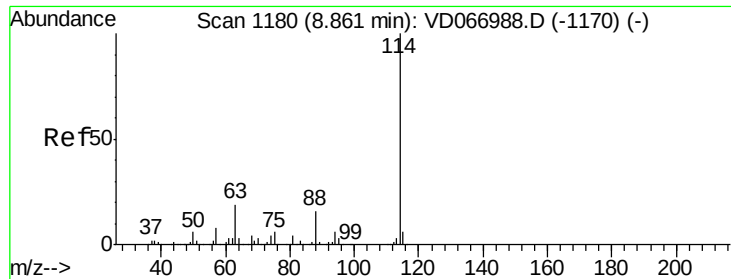
40000

20000

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: VD067231.D

Acq: 12 Oct 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

A-2332-MH11

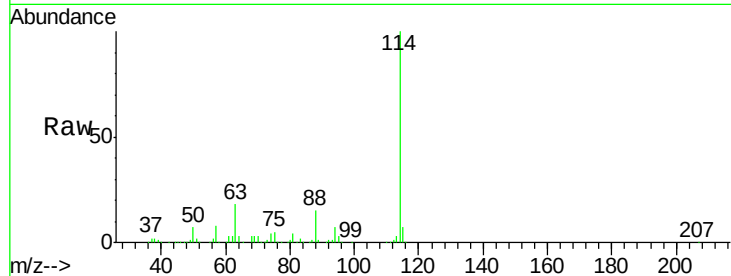
Tot Ion:114 Resp: 643786

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.4

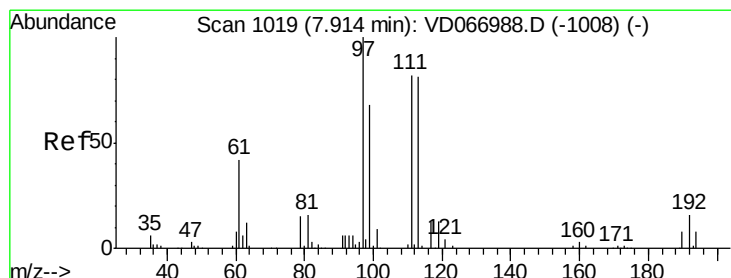
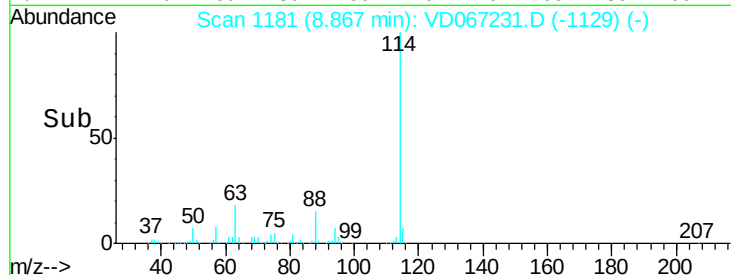
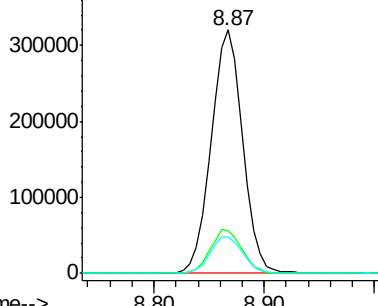
88 14.9 0.0 31.2



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: 48.660 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067231.D

Acq: 12 Oct 2020 13:58

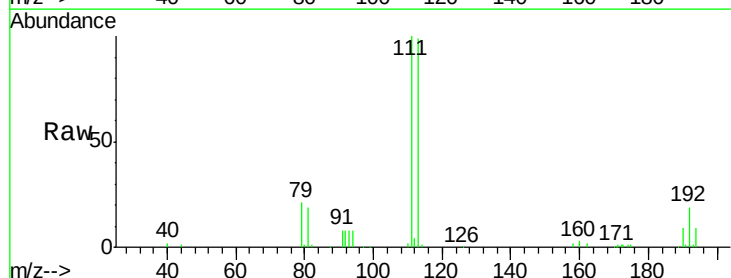
Tgt Ion:113 Resp: 205091

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

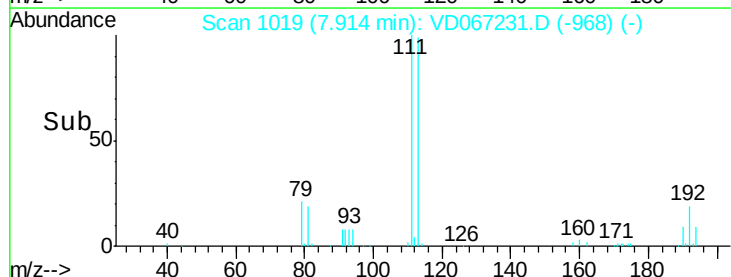
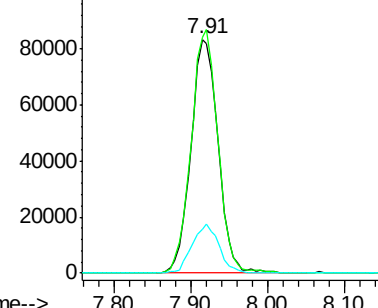
192 20.7 15.5 23.3

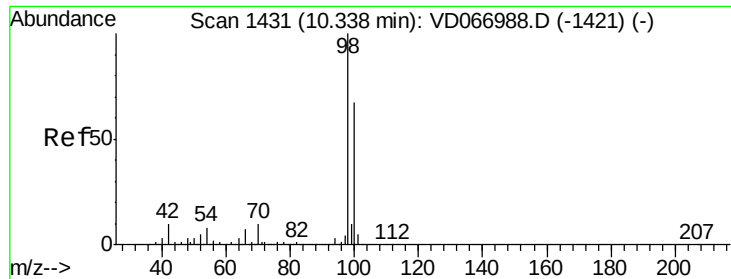


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.046 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067231.D

Acq: 12 Oct 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

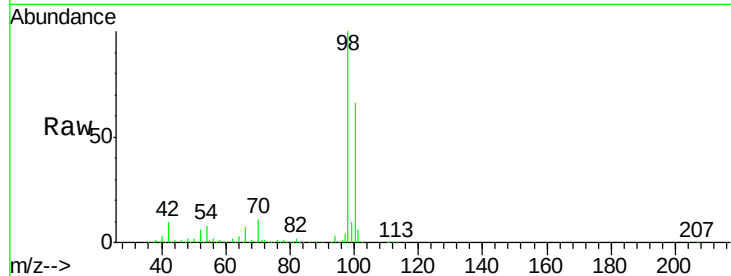
A-2332-MH11

Tot Ion: 98 Resp: 737892

Ion Ratio Lower Upper

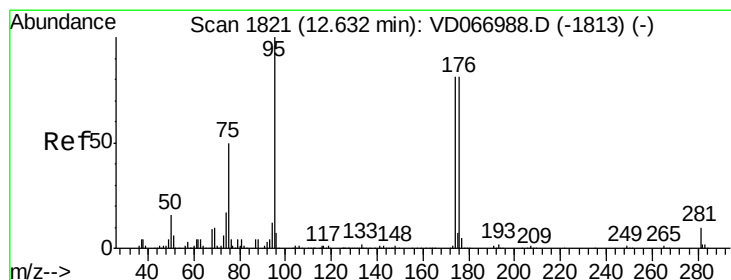
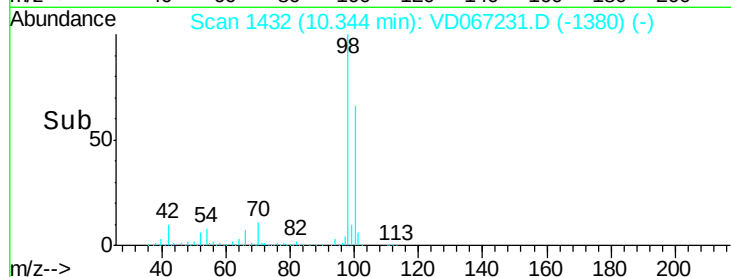
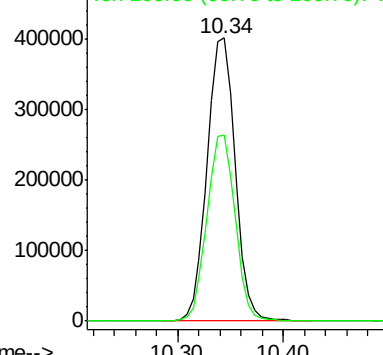
98 100

100 66.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.602 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067231.D

Acq: 12 Oct 2020 13:58

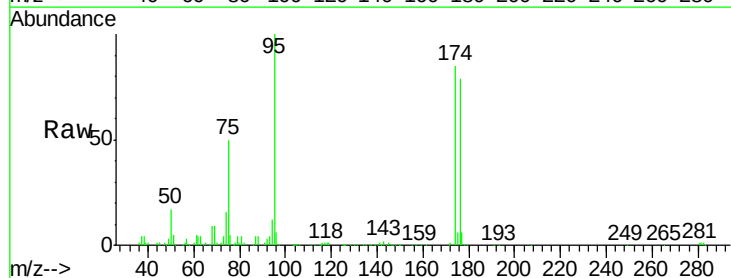
Tgt Ion: 95 Resp: 253395

Ion Ratio Lower Upper

95 100

174 87.4 0.0 167.6

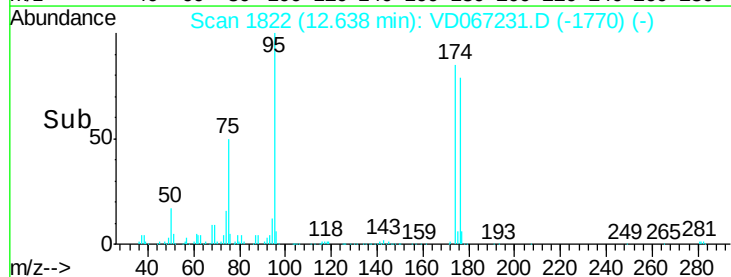
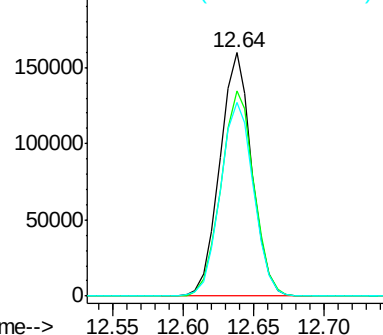
176 82.9 0.0 162.4

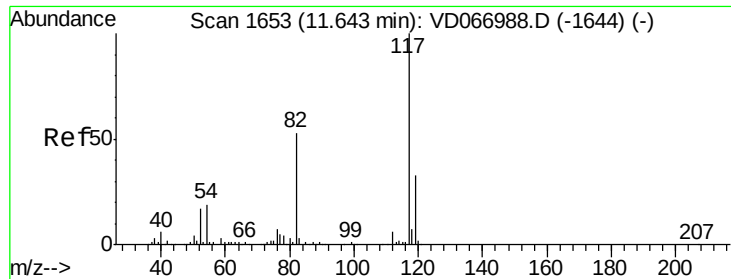


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

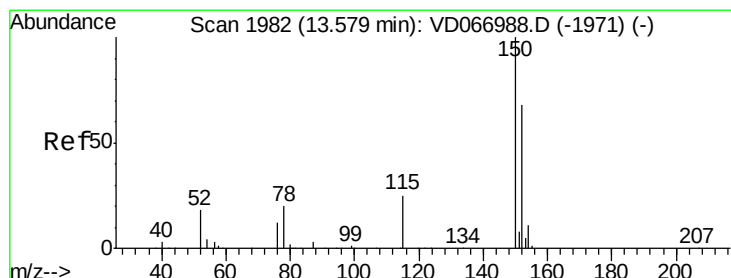
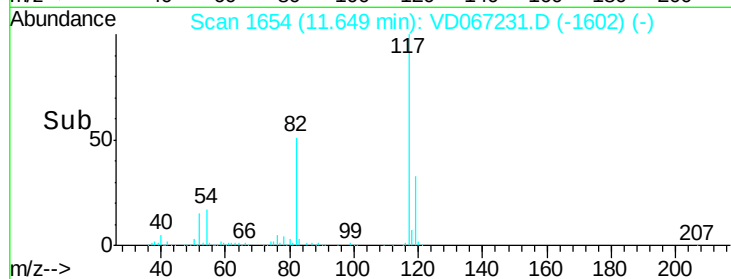
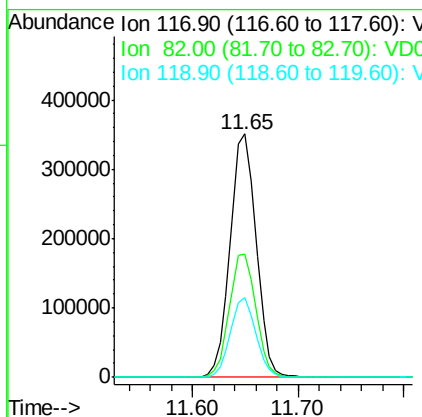
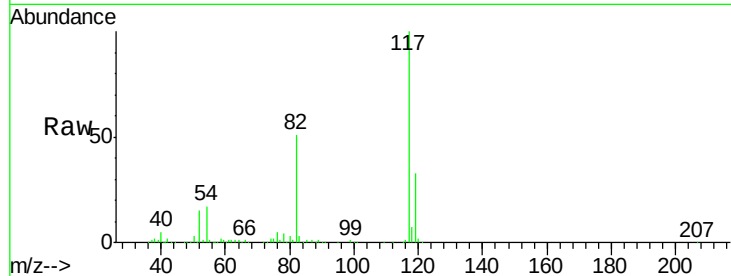




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067231.D
Acq: 12 Oct 2020 13:58

Instrument :
MSVOA_D
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A-2332-MH11

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.6	63.8
119	32.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067231.D
Acq: 12 Oct 2020 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.6	88.8
150	155.9	0.0	344.8

