

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066684.D
 Acq On : 14 Sep 2020 21:58
 Operator : VA/SY
 Sample : L3863-01
 Misc : 9.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-091120

Quant Time: Sep 15 03:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	693676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	638426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260720	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235630	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.91	113	237565	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.34	98	856806	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.63	95	276392	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

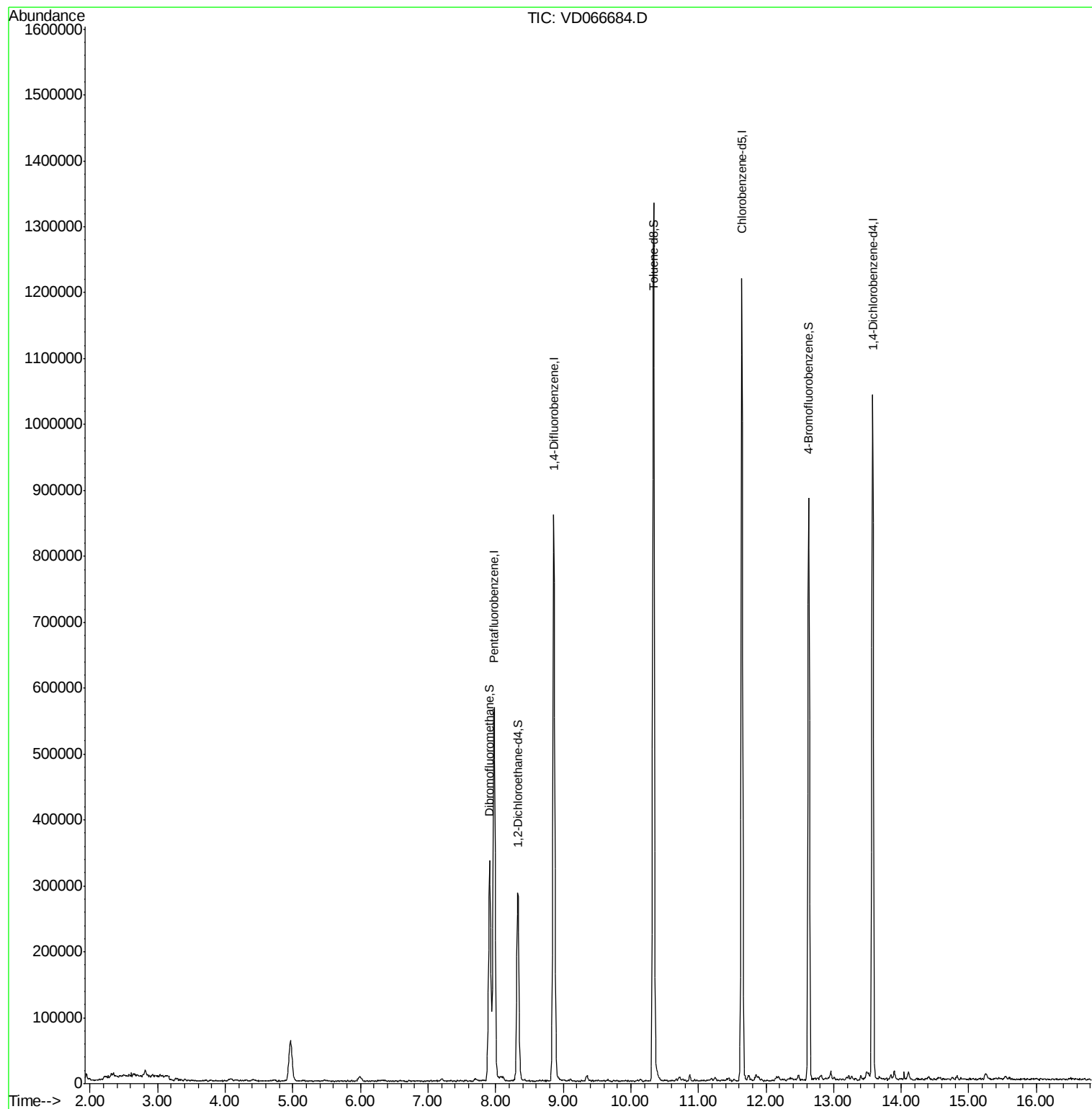
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 04 01:57:04 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066684.D

Acq: 14 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

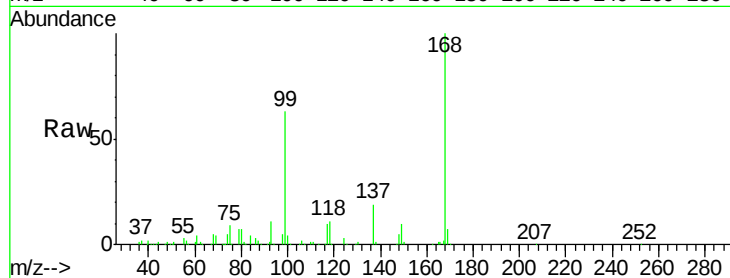
HD-02-091120

Tot Ion:168 Resp: 385944

Ion Ratio Lower Upper

168 100

99 62.3 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

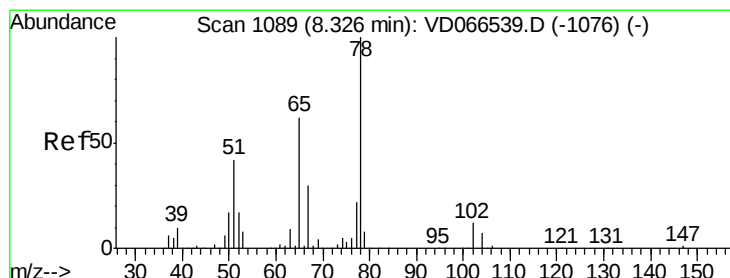
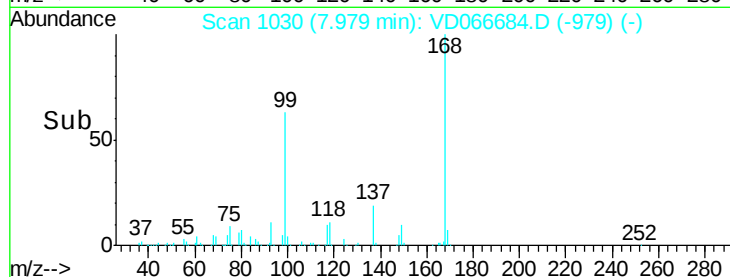
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.461 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066684.D

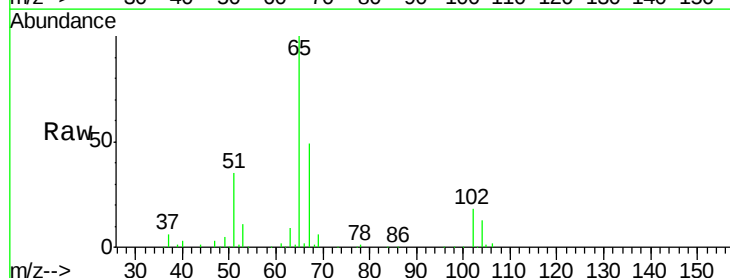
Acq: 14 Sep 2020 21:58

Tgt Ion: 65 Resp: 235630

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

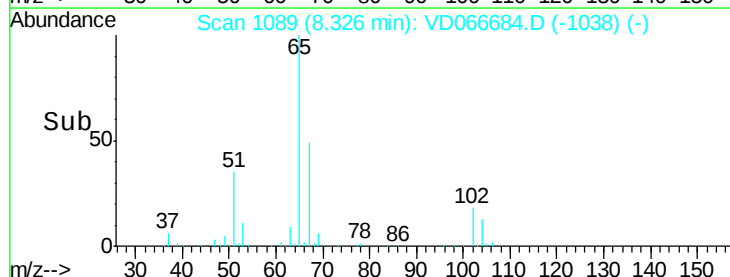
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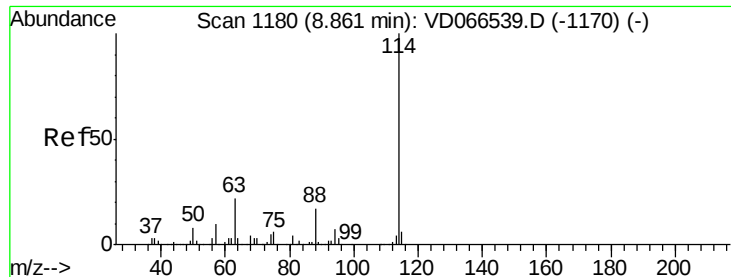
40000

20000

0

Time-->

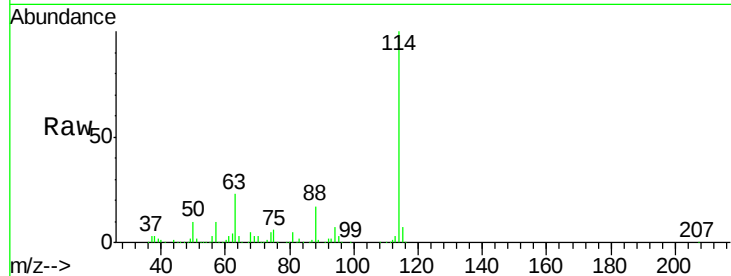




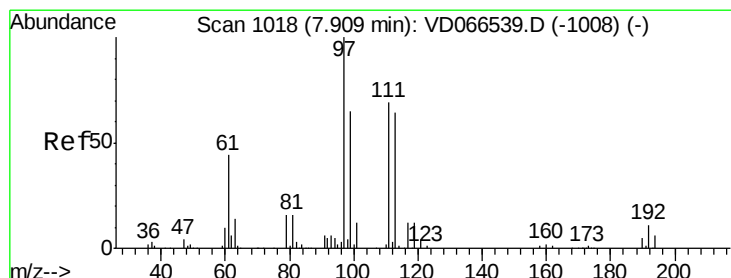
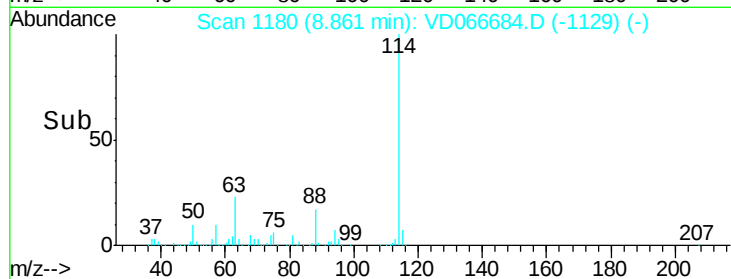
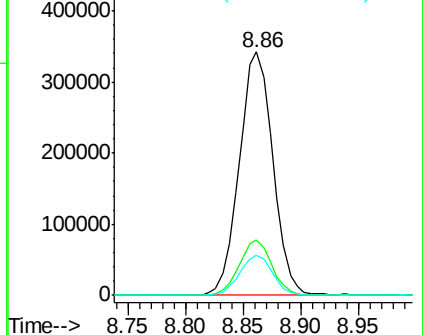
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066684.D
 Acq: 14 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-091120

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.2
88	16.5	0.0	33.2

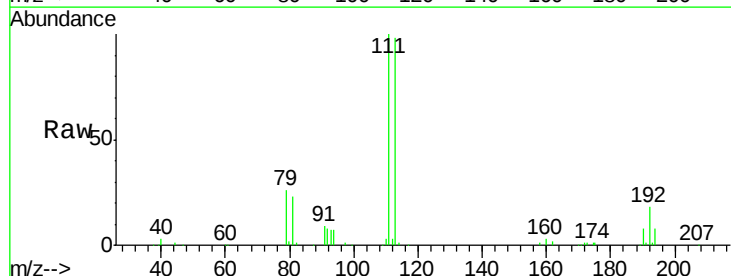


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

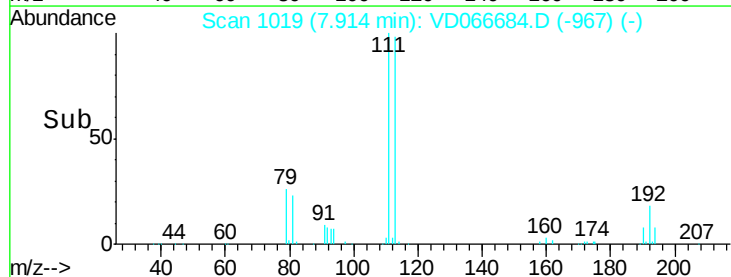
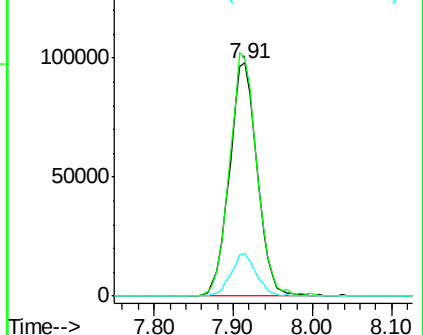


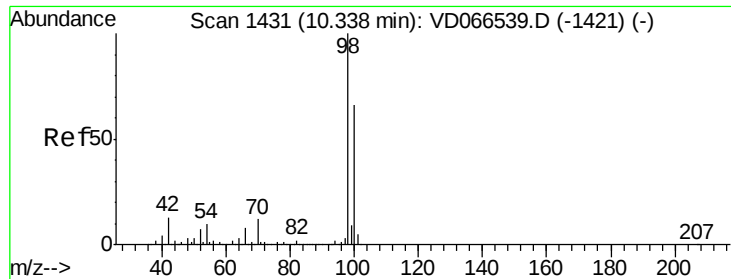
#35
 Dibromofluoromethane
 Concen: 50.766 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066684.D
 Acq: 14 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	16.9	13.7	20.5



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: 51.227 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066684.D

Acq: 14 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

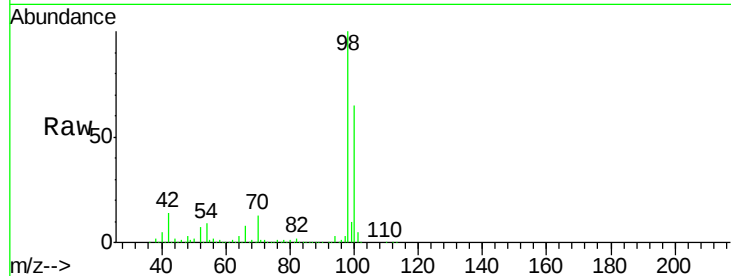
HD-02-091120

Tot Ion: 98 Resp: 856806

Ion Ratio Lower Upper

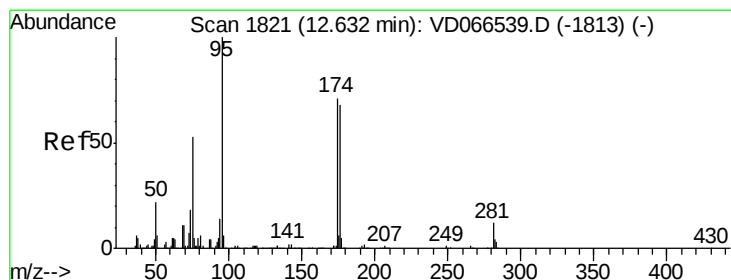
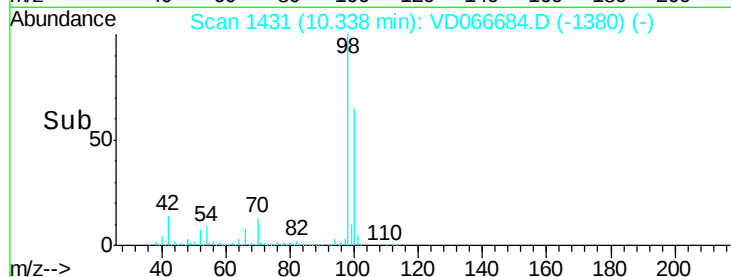
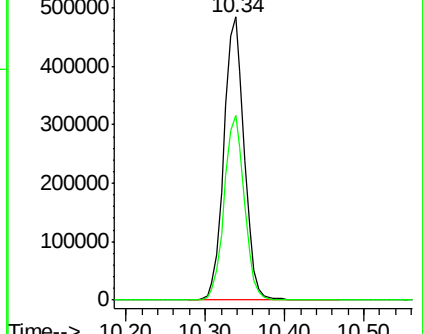
98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.836 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066684.D

Acq: 14 Sep 2020 21:58

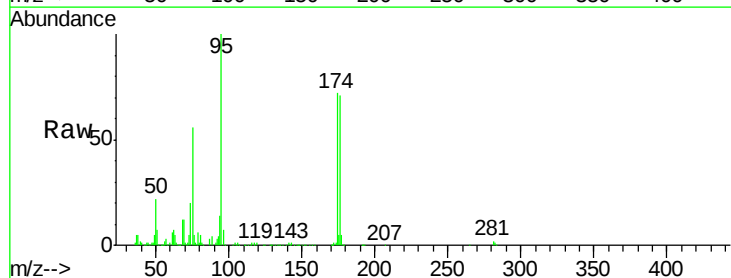
Tgt Ion: 95 Resp: 276392

Ion Ratio Lower Upper

95 100

174 75.5 0.0 155.8

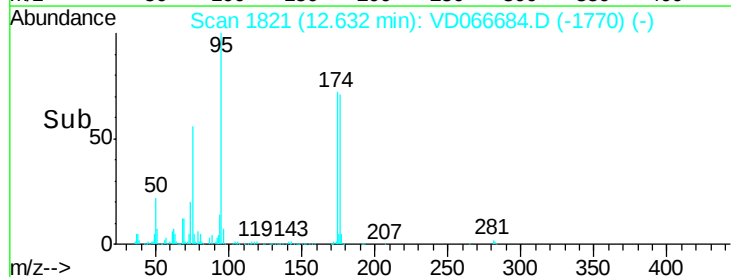
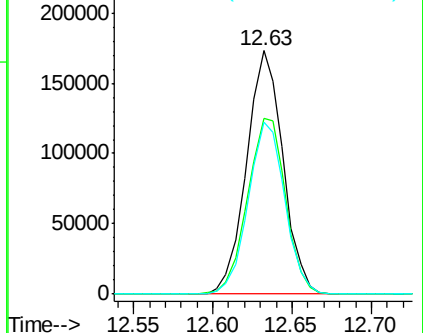
176 71.3 0.0 148.6

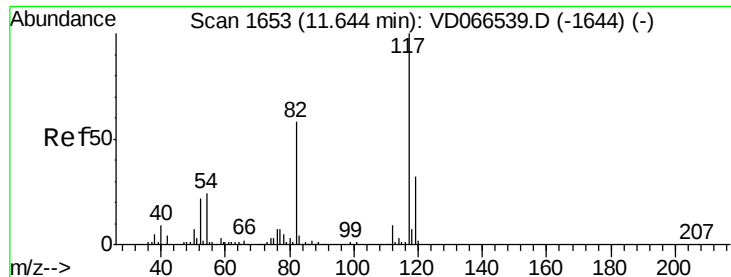


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

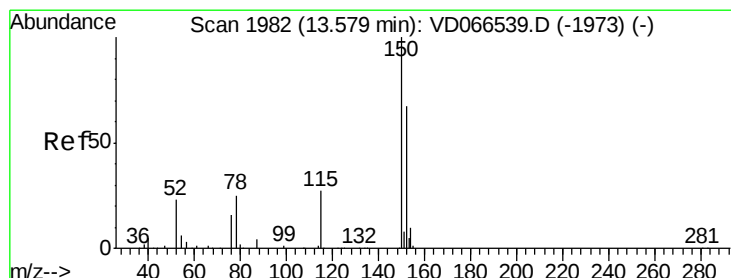
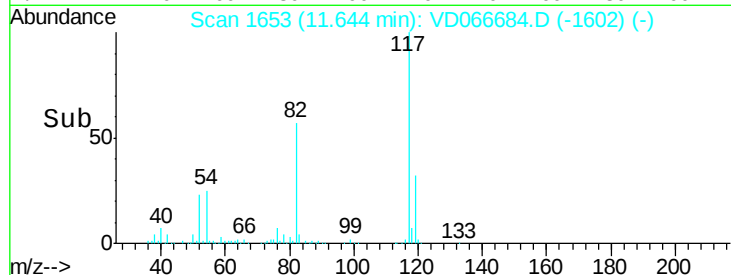
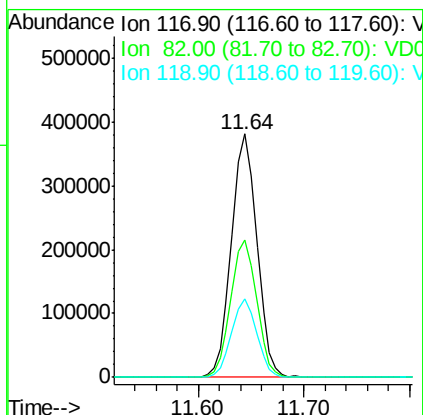
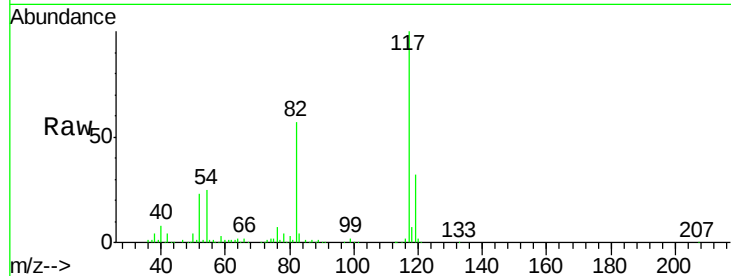




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066684.D
Acq: 14 Sep 2020 21:58

Instrument :
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Tot Ion:117 Resp: 638426
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.2
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066684.D
Acq: 14 Sep 2020 21:58

Tgt Ion:152 Resp: 260720
Ion Ratio Lower Upper
152 100
115 62.7 30.4 91.2
150 155.3 0.0 345.8

