

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066911.D
 Acq On : 28 Sep 2020 14:14
 Operator : VA/SY
 Sample : L4129-18
 Misc : 6.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-3

Quant Time: Sep 29 01:29:58 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	10636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	16252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	18550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	8325	79.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.94%	
35) Dibromofluoromethane	7.92	113	4961	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.34	98	19549	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
62) 4-Bromofluorobenzene	12.63	95	7095	58.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.66%	

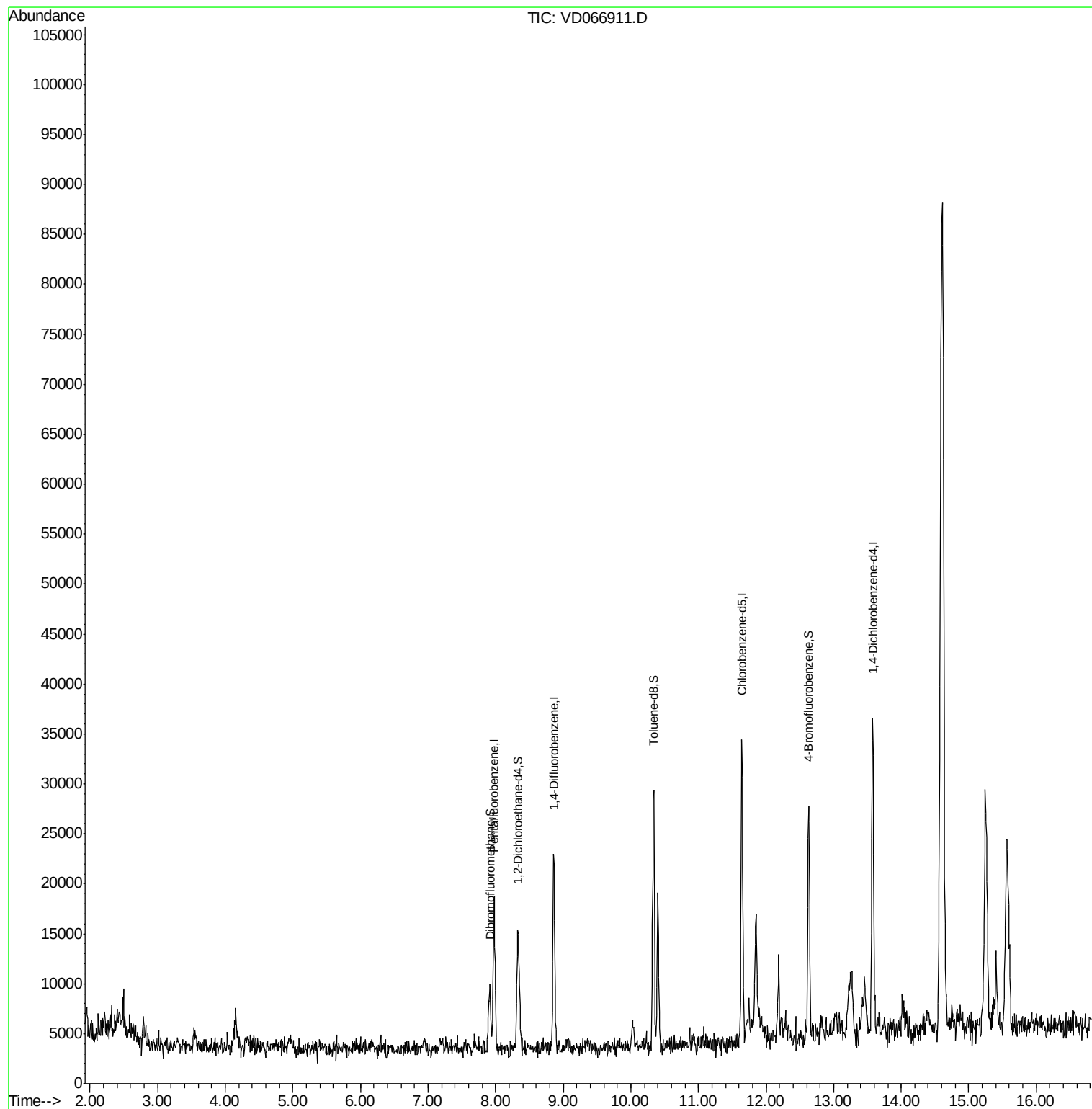
Target Compounds	Qvalue
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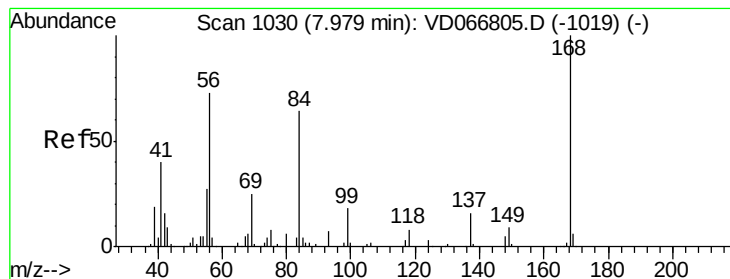
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066911.D

Acq: 28 Sep 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

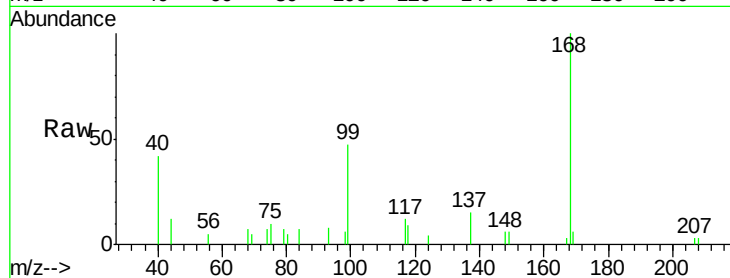
DRUM-COMP-3

Tot Ion:168 Resp: 10636

Ion Ratio Lower Upper

168 100

99 47.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

6000

5000

4000

3000

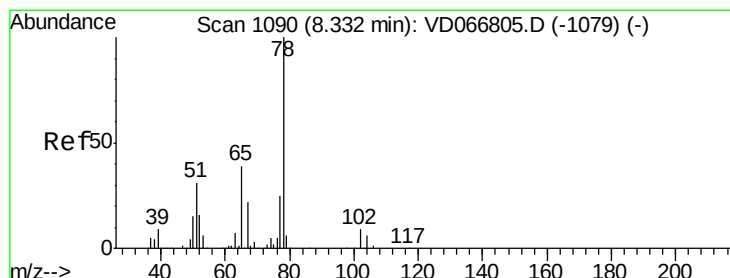
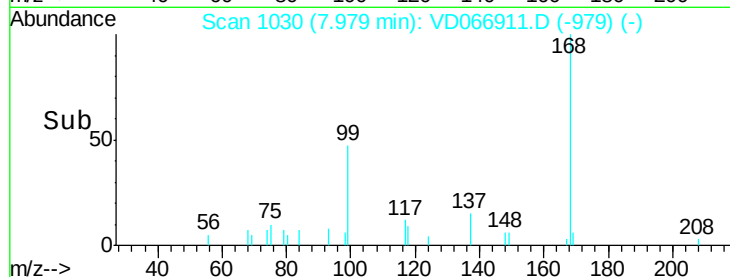
2000

1000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 79.971 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066911.D

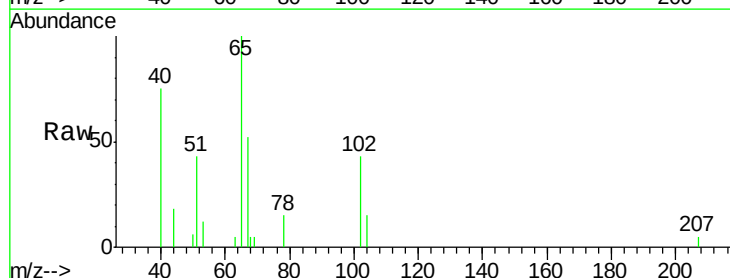
Acq: 28 Sep 2020 14:14

Tgt Ion: 65 Resp: 8325

Ion Ratio Lower Upper

65 100

67 47.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

4000

3000

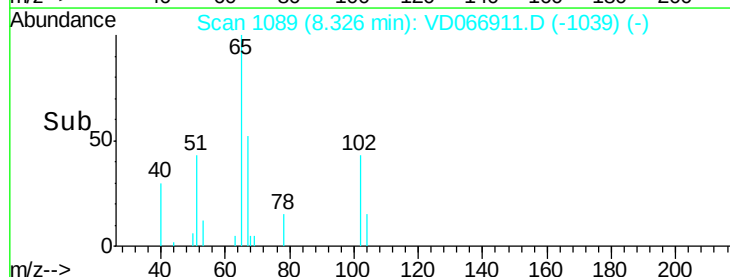
2000

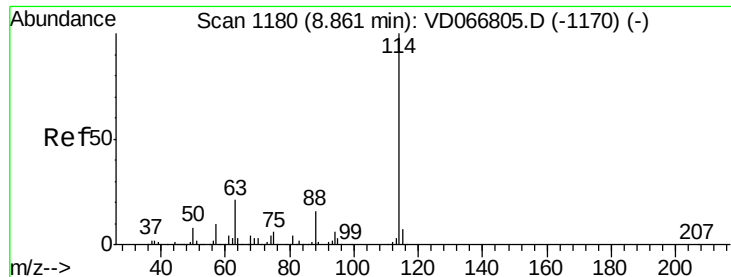
1000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066911.D

Acq: 28 Sep 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-3

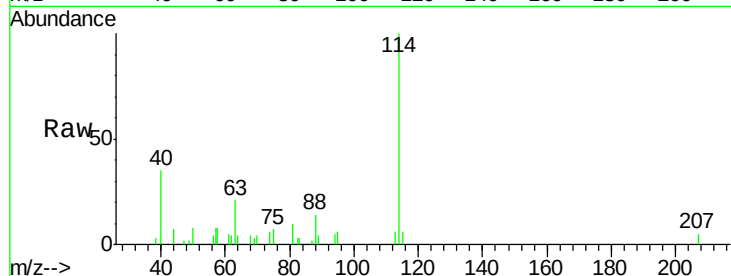
Tot Ion:114 Resp: 16252

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

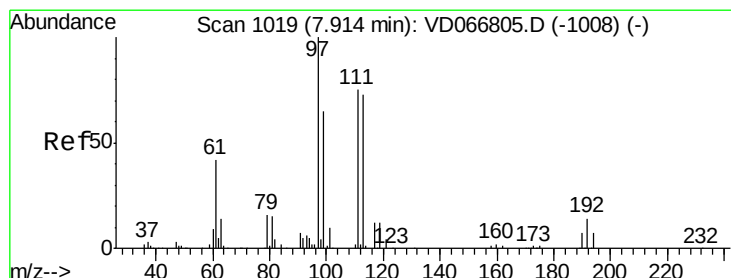
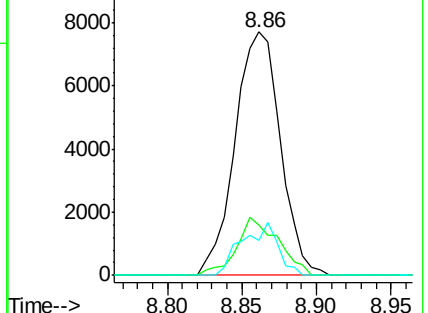
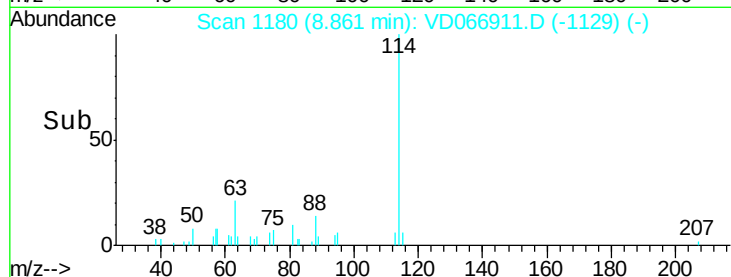
88 14.4 0.0 32.6



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: 47.981 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD066911.D

Acq: 28 Sep 2020 14:14

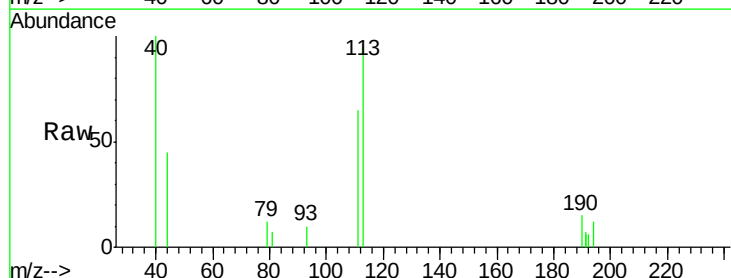
Tgt Ion:113 Resp: 4961

Ion Ratio Lower Upper

113 100

111 96.2 81.8 122.8

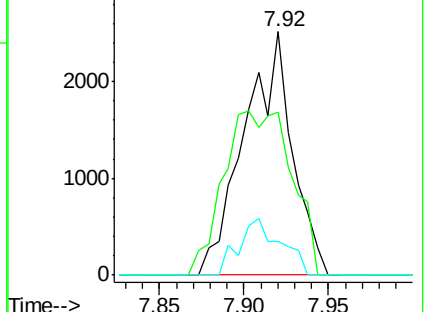
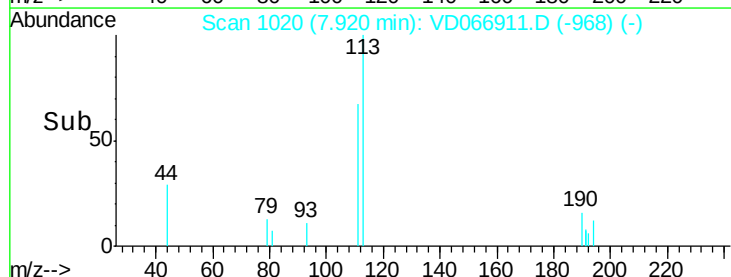
192 20.3 14.4 21.6

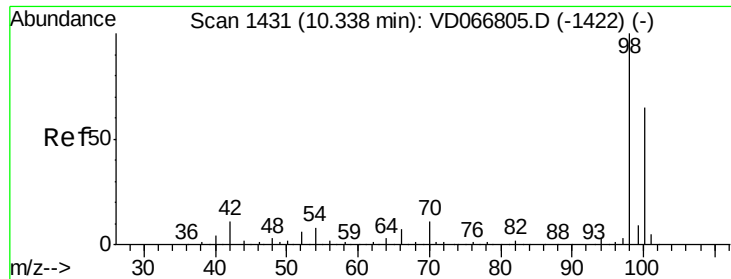


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.492 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066911.D

Acq: 28 Sep 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

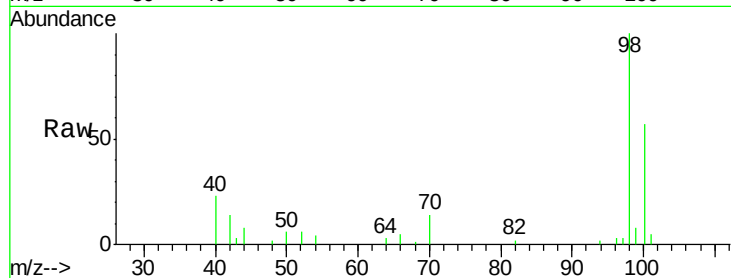
DRUM-COMP-3

Tot Ion: 98 Resp: 19549

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

12000

10000

8000

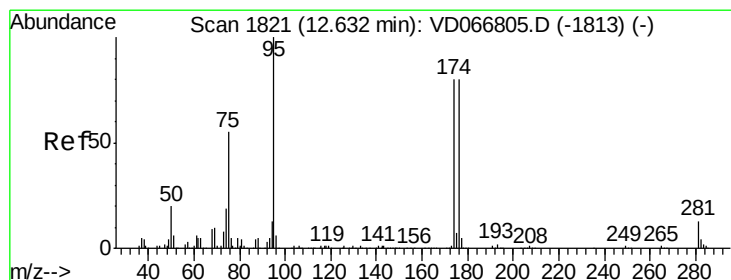
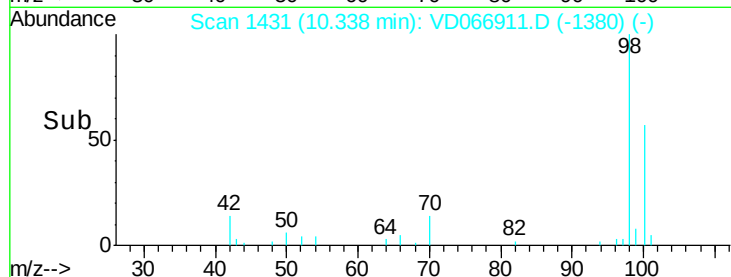
6000

4000

2000

0

Time--> 10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 58.831 ug/l

RT: 12.63 min Scan# 1820

Delta R.T. -0.01 min

Lab File: VD066911.D

Acq: 28 Sep 2020 14:14

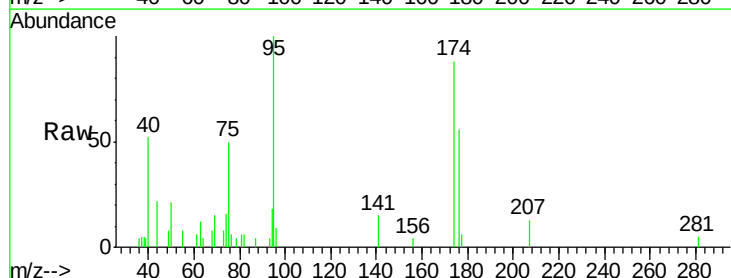
Tgt Ion: 95 Resp: 7095

Ion Ratio Lower Upper

95 100

174 109.2 0.0 159.8

176 78.9 0.0 154.4



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

12.63

5000

4000

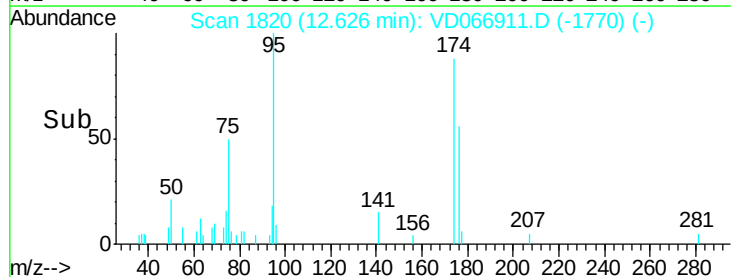
3000

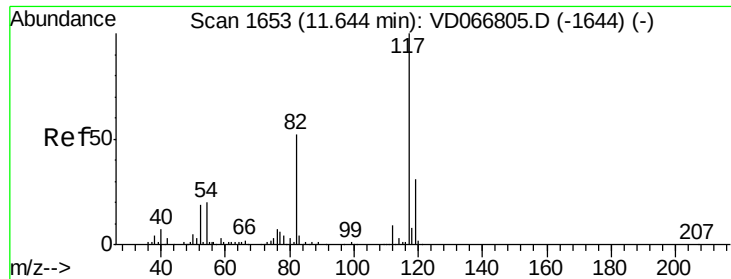
2000

1000

0

Time--> 12.60 12.65 12.70

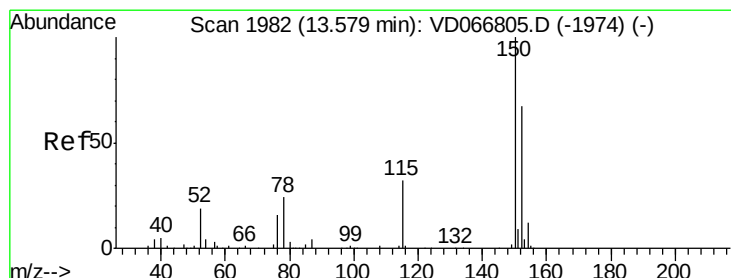
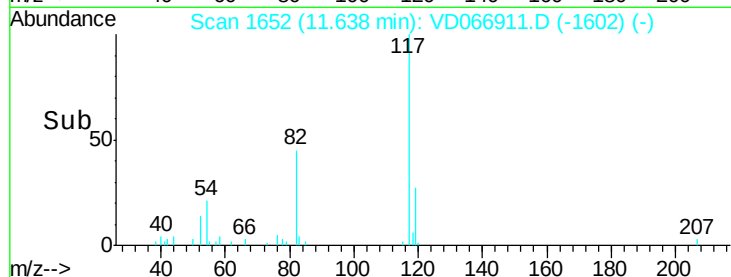
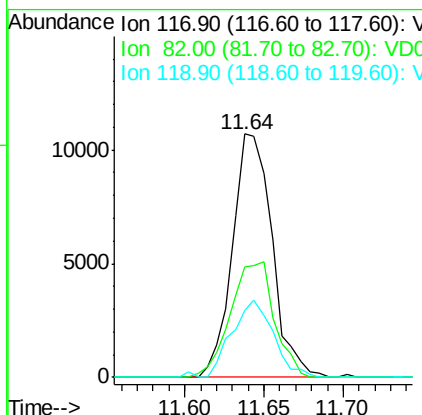
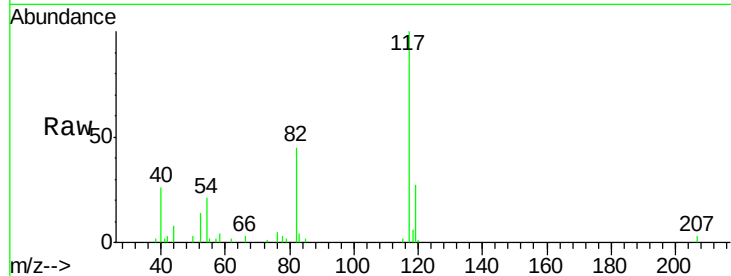




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VD066911.D
Acq: 28 Sep 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-3

Tot Ion:117 Resp: 18550
Ion Ratio Lower Upper
117 100
82 45.4 41.8 62.6
119 27.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066911.D
Acq: 28 Sep 2020 14:14

Tgt Ion:152 Resp: 7389
Ion Ratio Lower Upper
152 100
115 67.5 30.3 91.0
150 170.5 0.0 346.2

