

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066825.D
 Acq On : 23 Sep 2020 10:46
 Operator : VA/SY
 Sample : VD0923SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBL01

Quant Time: Sep 23 15:52:35 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	415685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	755834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	740190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	230622	56.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.36%	
35) Dibromofluoromethane	7.91	113	239142	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.34	98	894781	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.63	95	313180	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	

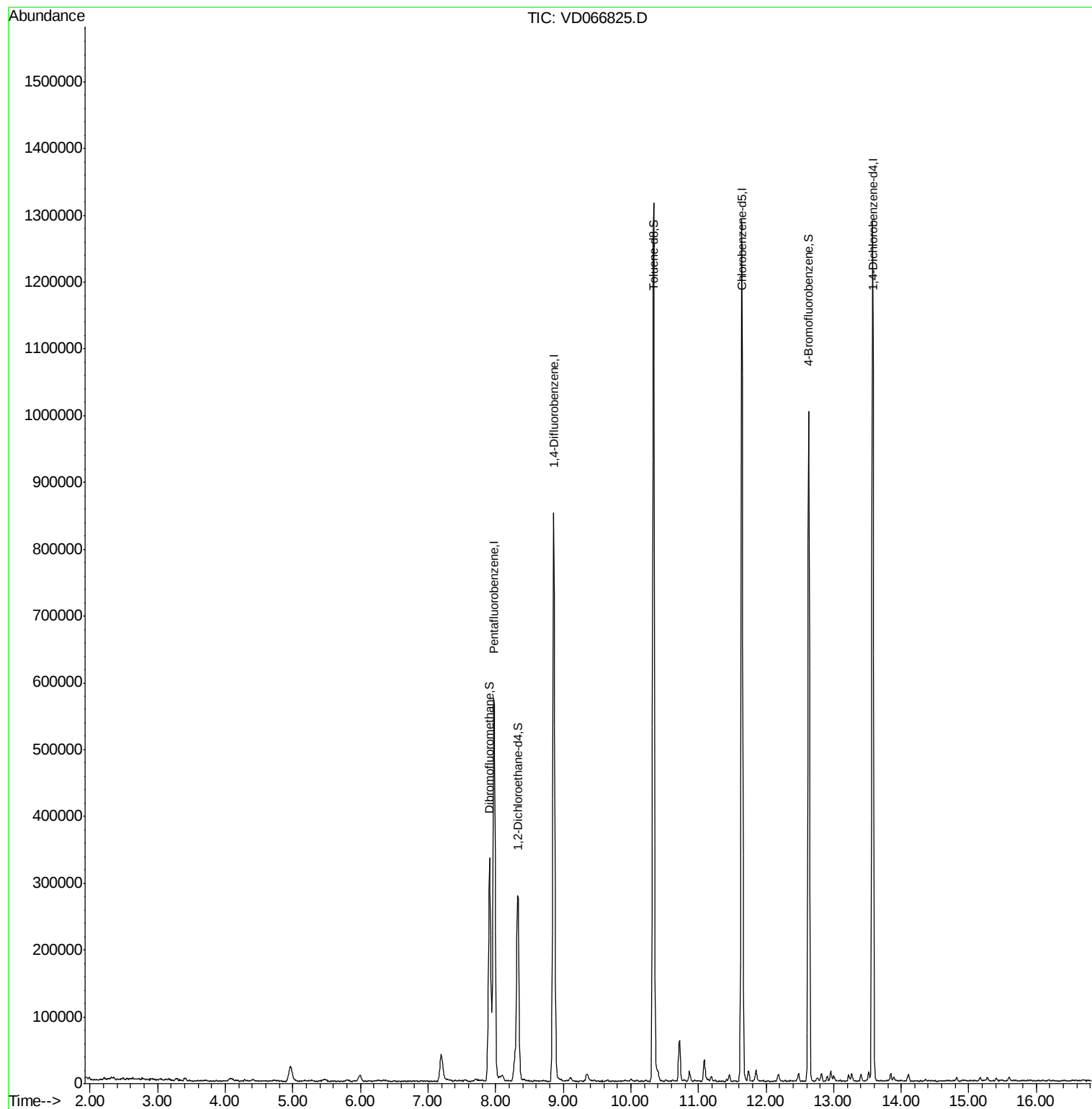
Target Compounds	Qvalue
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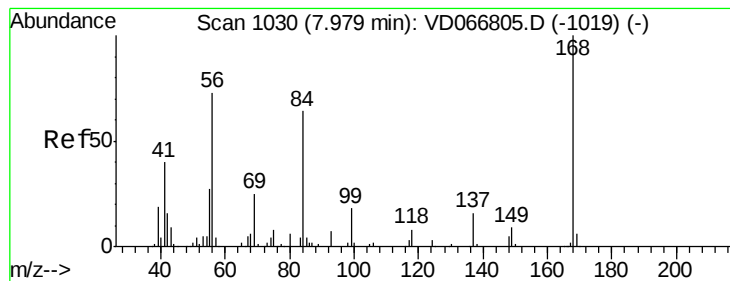
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066825.D

Acq: 23 Sep 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

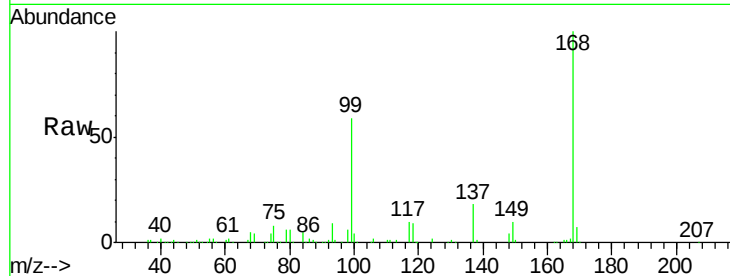
VD0923SBL01

Tot Ion:168 Resp: 415685

Ion Ratio Lower Upper

168 100

99 59.2 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

200000

150000

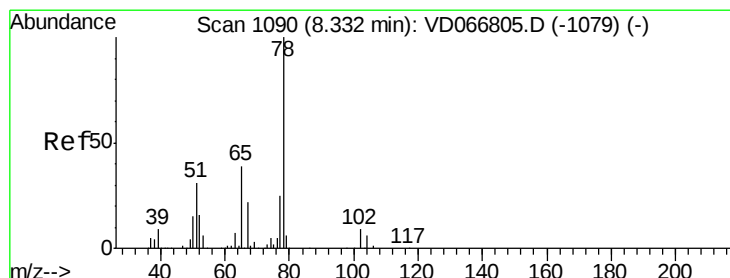
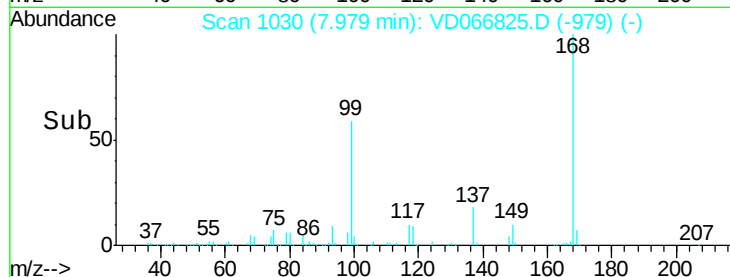
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.684 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066825.D

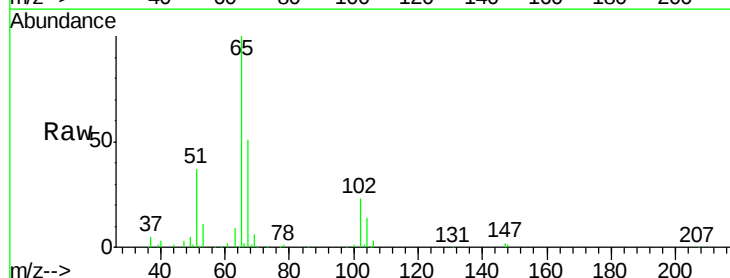
Acq: 23 Sep 2020 10:46

Tgt Ion: 65 Resp: 230622

Ion Ratio Lower Upper

65 100

67 52.1 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

100000

80000

60000

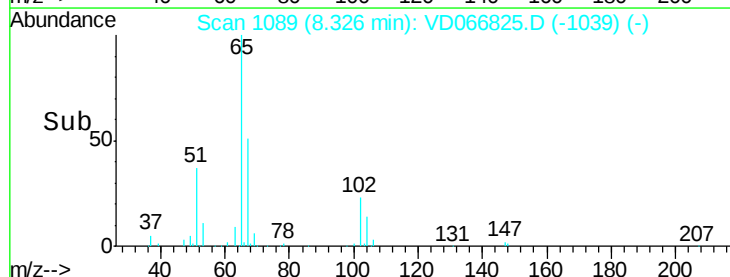
40000

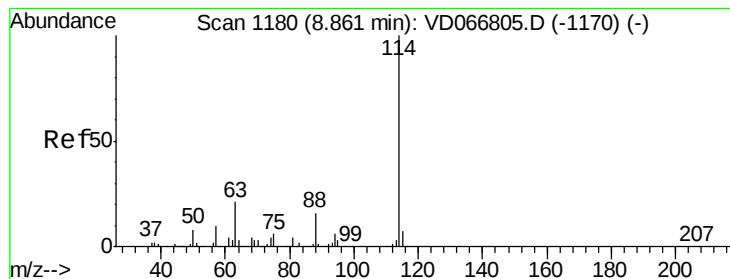
20000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066825.D

Acq: 23 Sep 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0923SBL01

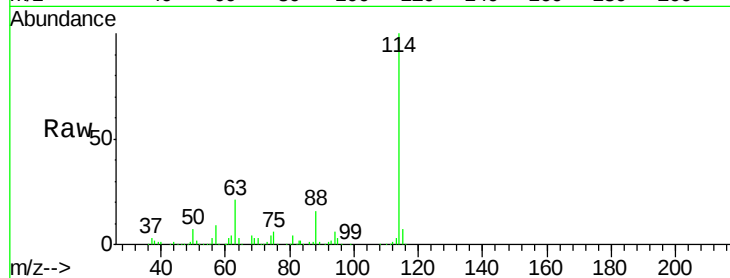
Tot Ion:114 Resp: 755834

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

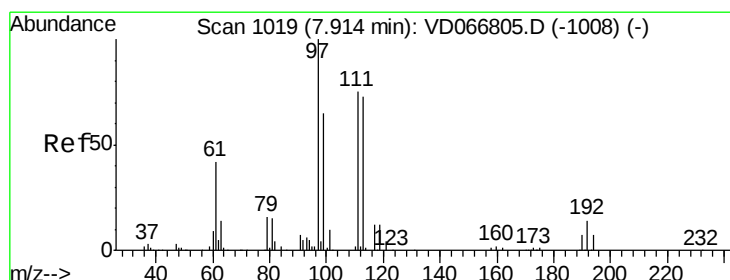
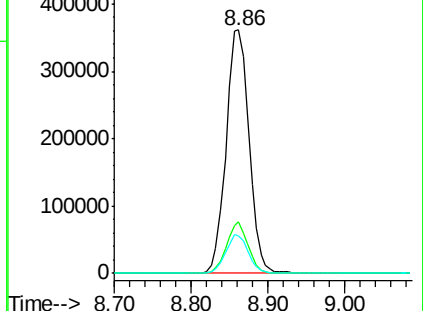
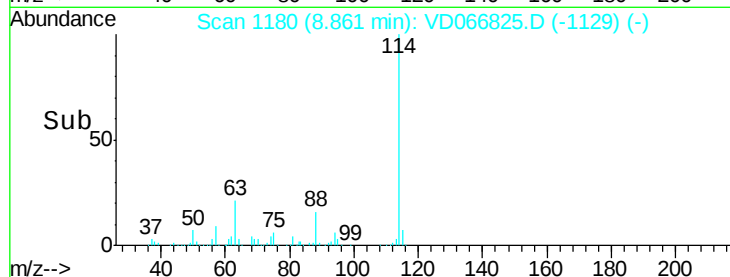
88 15.5 0.0 32.6



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: 49.732 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066825.D

Acq: 23 Sep 2020 10:46

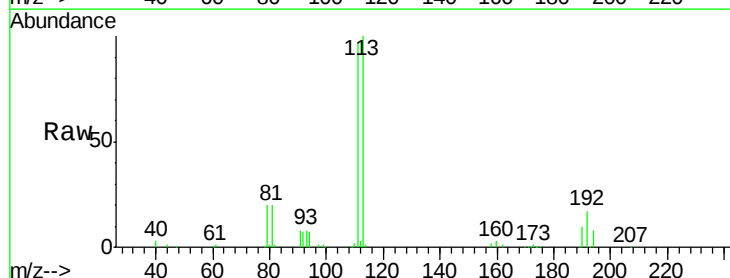
Tgt Ion:113 Resp: 239142

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

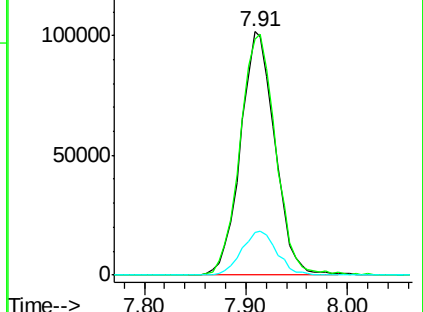
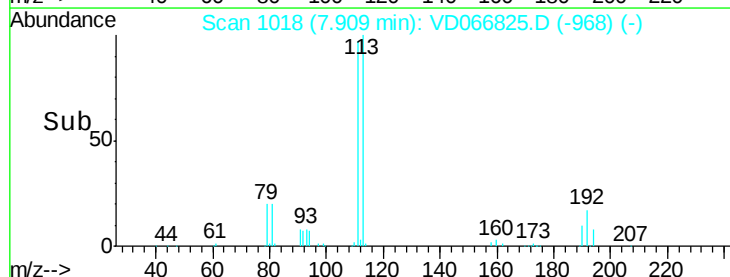
192 18.7 14.4 21.6

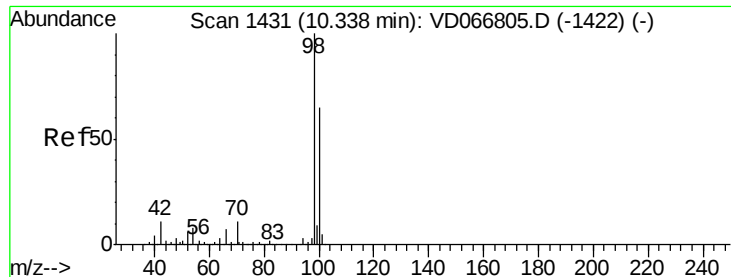


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.614 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066825.D

Acq: 23 Sep 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

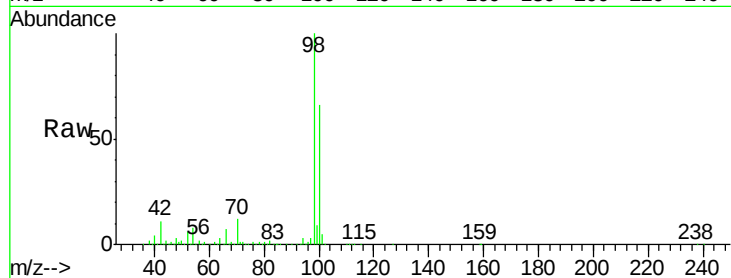
VD0923SBL01

Tot Ion: 98 Resp: 894781

Ion Ratio Lower Upper

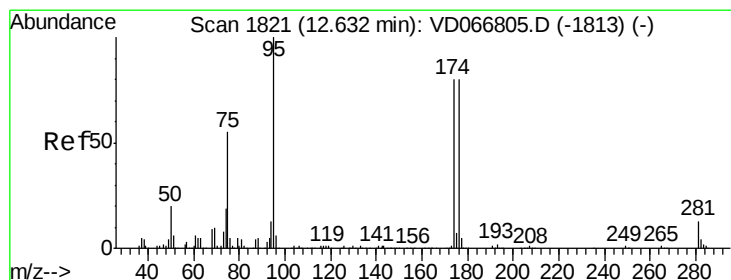
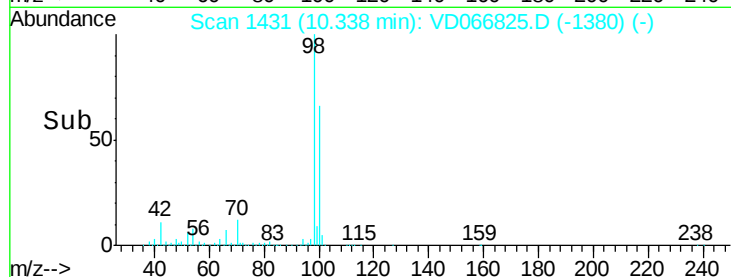
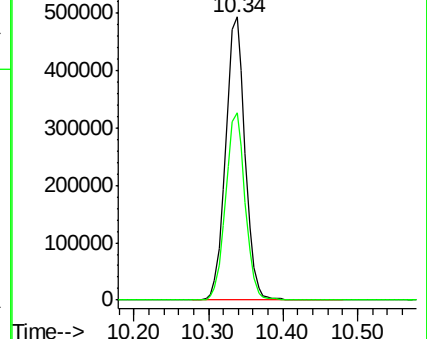
98 100

100 66.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.838 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066825.D

Acq: 23 Sep 2020 10:46

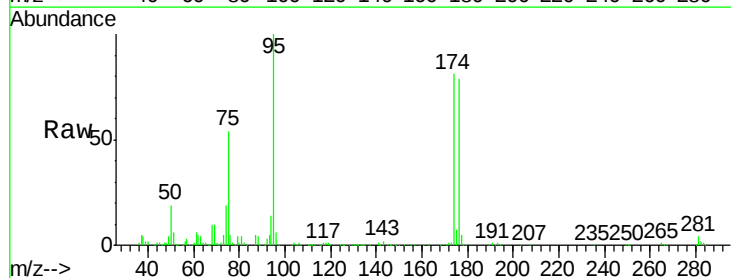
Tgt Ion: 95 Resp: 313180

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.8

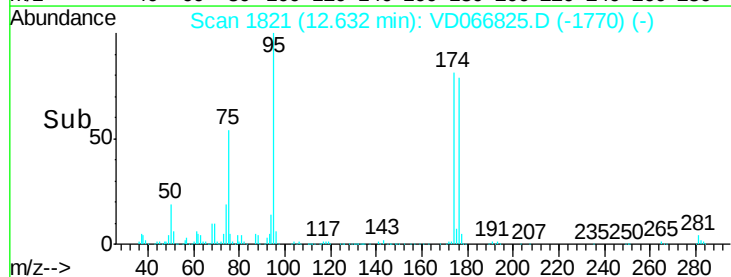
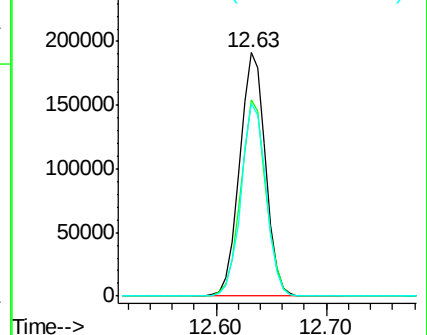
176 77.0 0.0 154.4

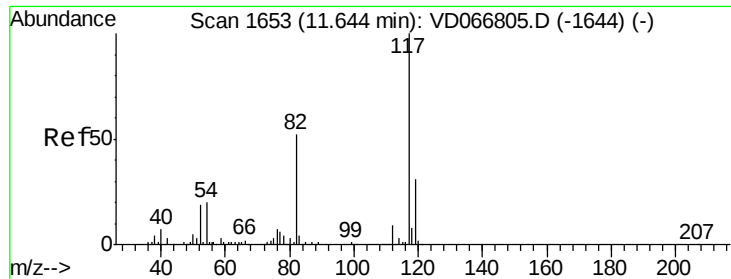


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

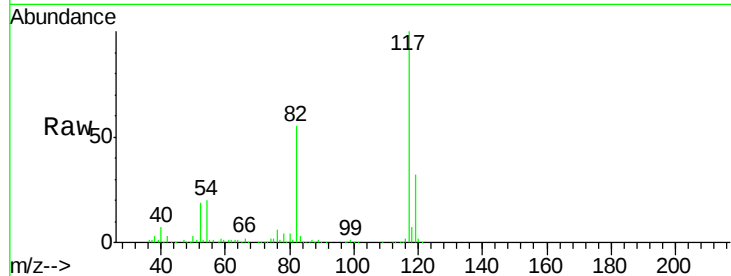




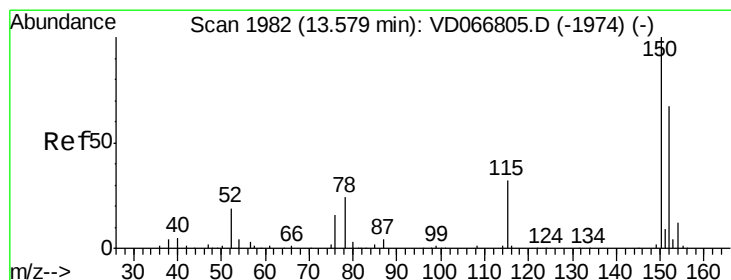
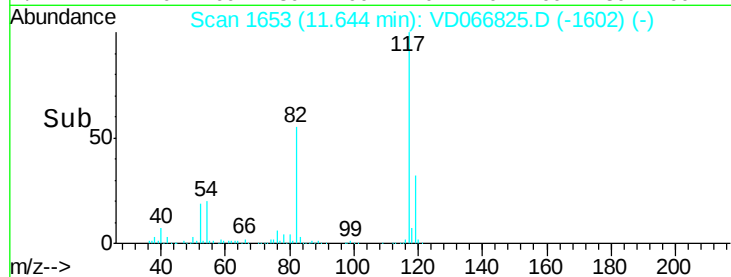
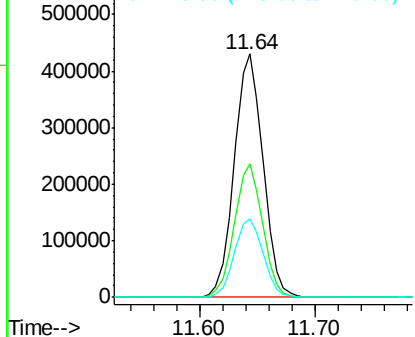
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066825.D
Acq: 23 Sep 2020 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.8	62.6
119	32.5	24.6	37.0

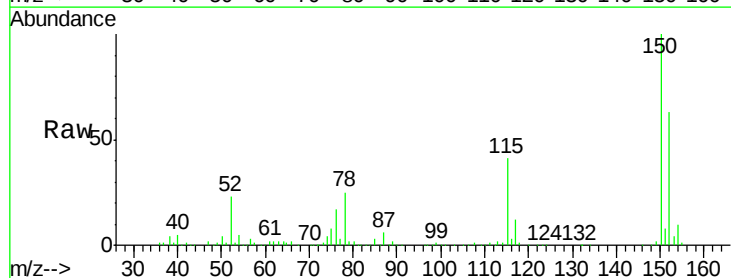


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066825.D
Acq: 23 Sep 2020 10:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.3	91.0
150	156.6	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

