

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065829.D
 Acq On : 19 Jun 2020 15:32
 Operator : VA/SY
 Sample : L3024-01
 Misc : 7.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-21

Quant Time: Jun 20 02:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	152262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	260522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	228835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	90312	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	81120	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.92	113	80063	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.34	98	283074	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.64	95	79026	37.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.94%	

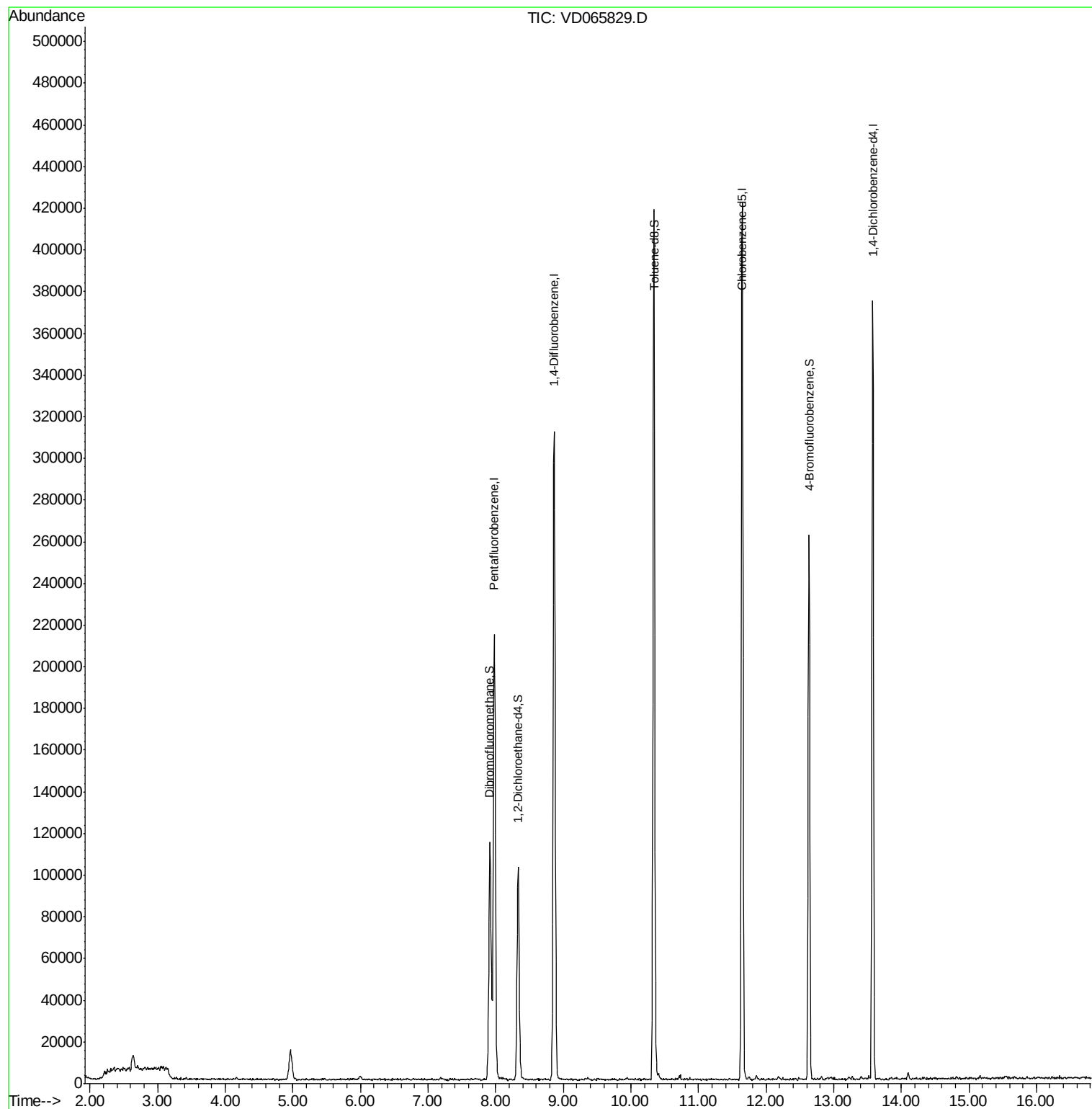
Target Compounds	Qvalue
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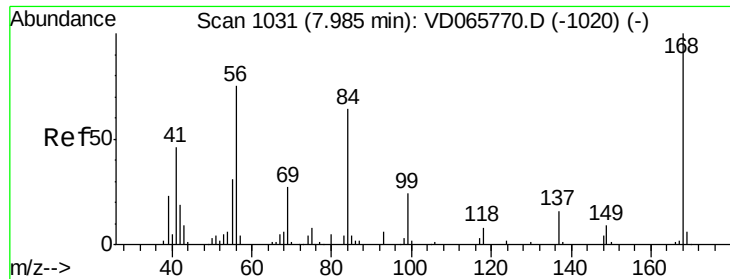
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065829.D

Acq: 19 Jun 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

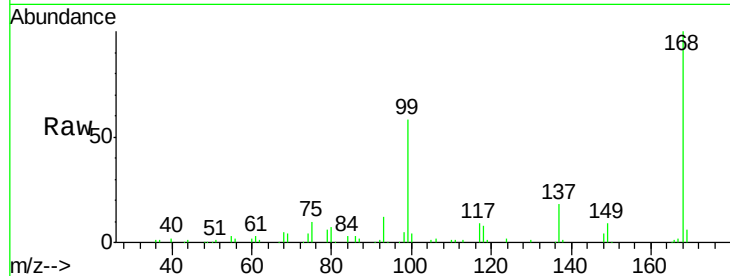
RO-21

Tot Ion:168 Resp: 152262

Ion Ratio Lower Upper

168 100

99 57.6 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

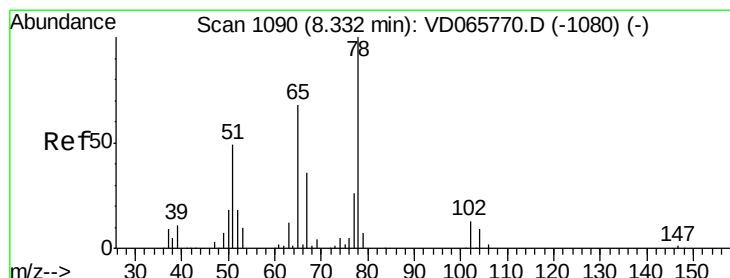
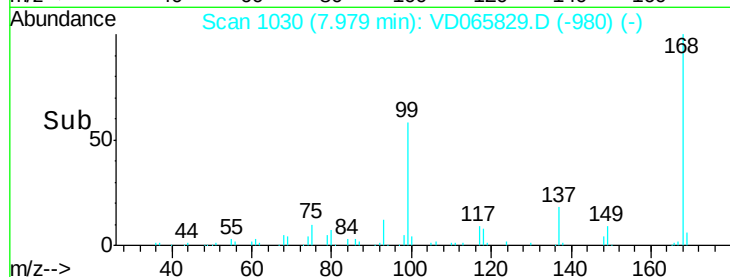
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.916 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065829.D

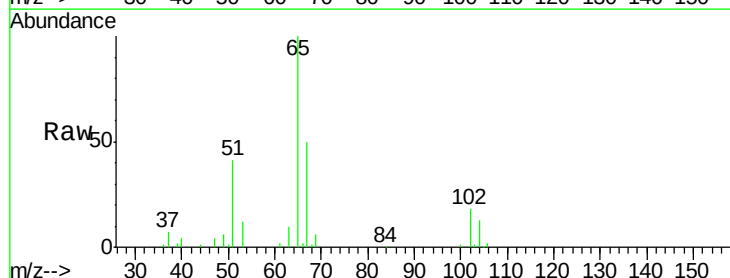
Acq: 19 Jun 2020 15:32

Tgt Ion: 65 Resp: 81120

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

30000

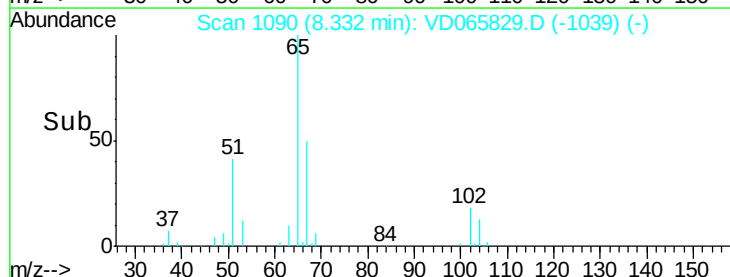
20000

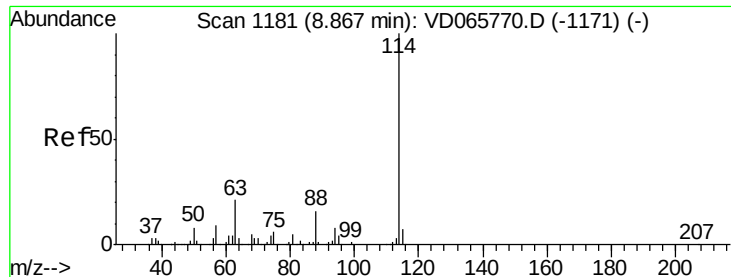
10000

0

8.30 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: VD065829.D

Acq: 19 Jun 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

RO-21

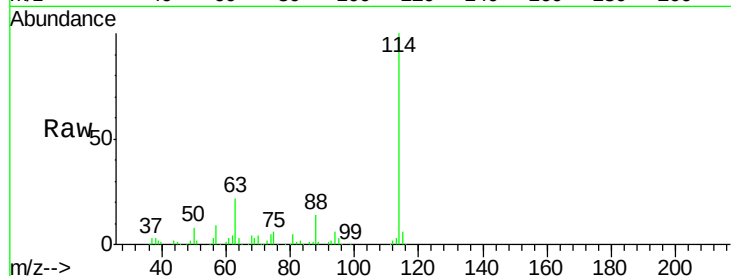
Tot Ion:114 Resp: 260522

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 14.1 0.0 32.0



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

150000

100000

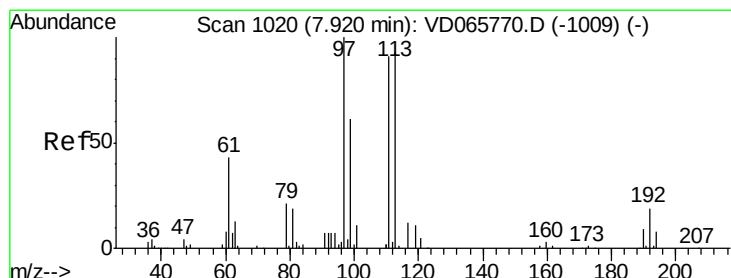
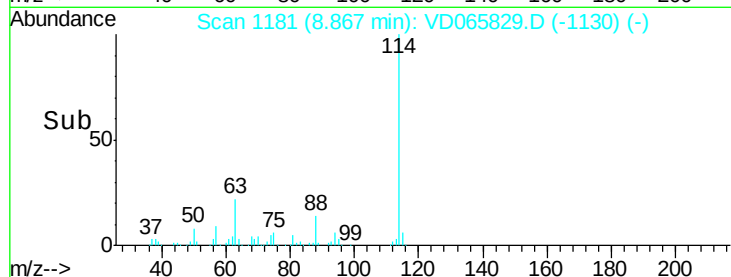
50000

0

8.87

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 48.652 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065829.D

Acq: 19 Jun 2020 15:32

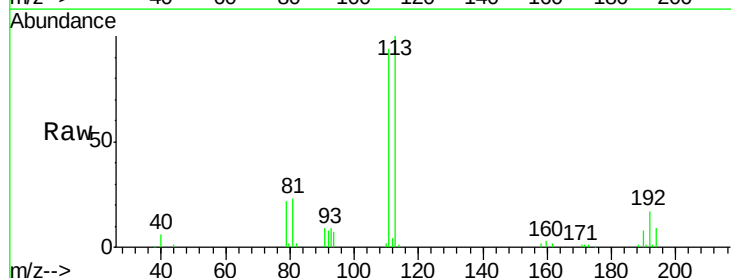
Tgt Ion:113 Resp: 80063

Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.0

192 19.0 15.7 23.5



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

40000

30000

20000

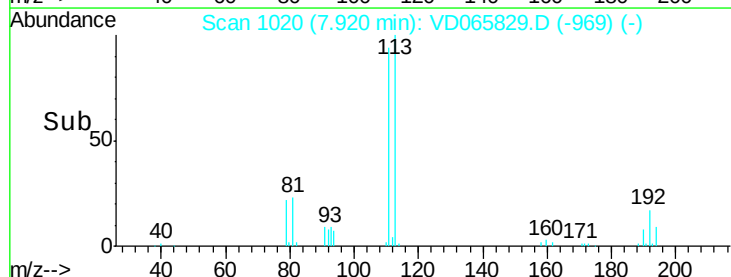
10000

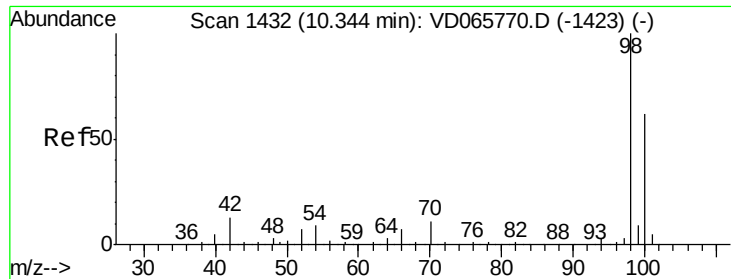
0

7.92

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 46.131 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065829.D

Acq: 19 Jun 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

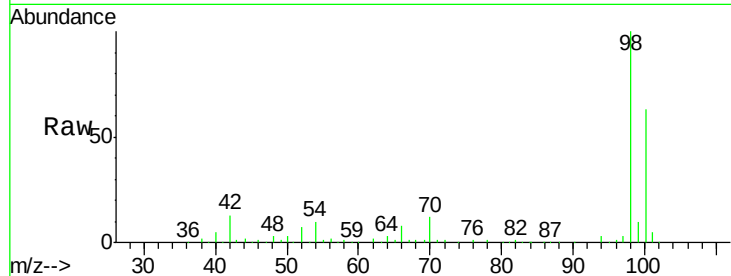
RO-21

Tot Ion: 98 Resp: 283074

Ion Ratio Lower Upper

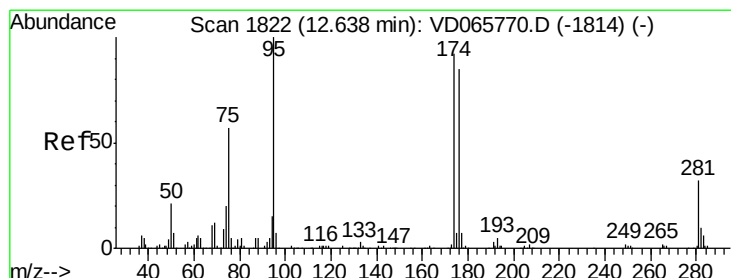
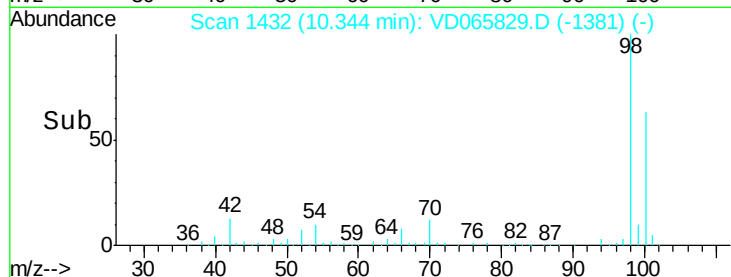
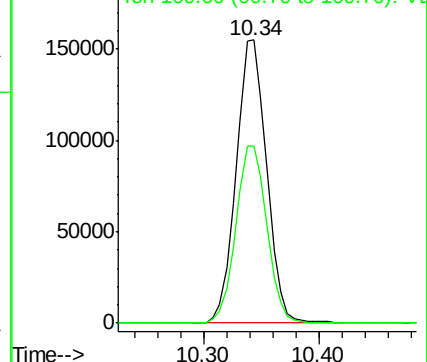
98 100

100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 37.974 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065829.D

Acq: 19 Jun 2020 15:32

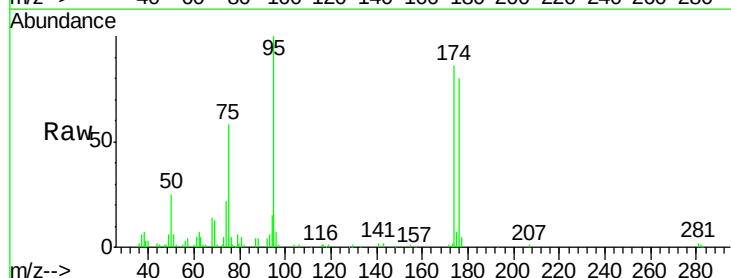
Tgt Ion: 95 Resp: 79026

Ion Ratio Lower Upper

95 100

174 83.0 0.0 175.2

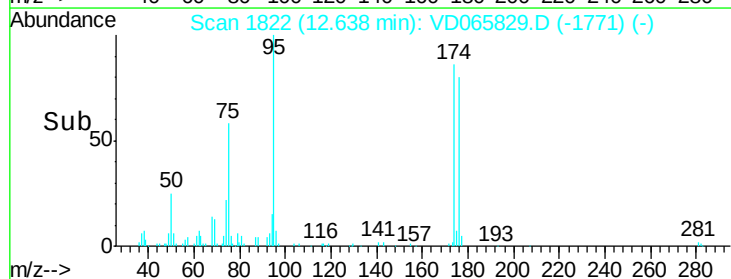
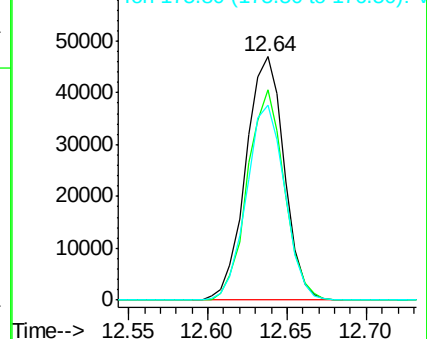
176 79.6 0.0 163.0

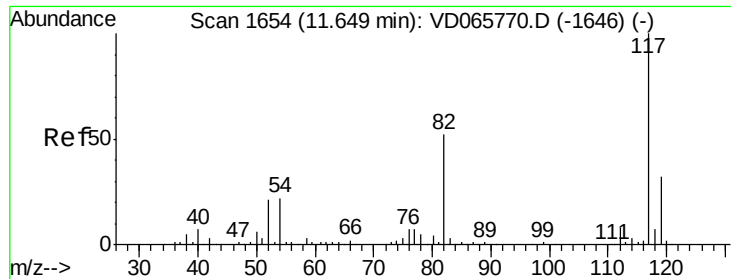


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

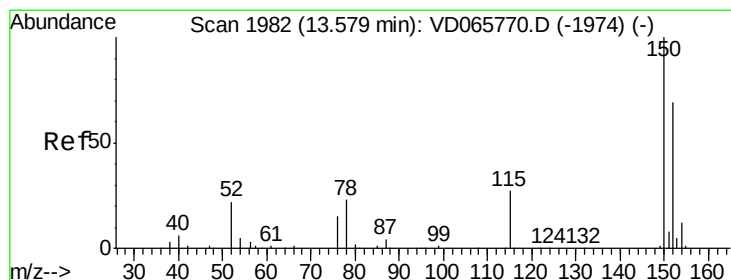
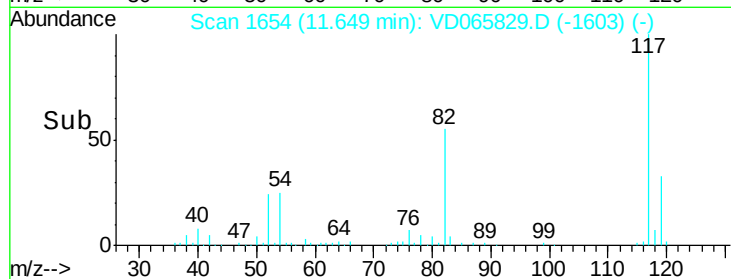
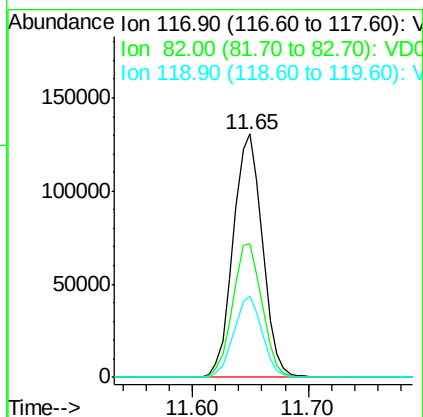
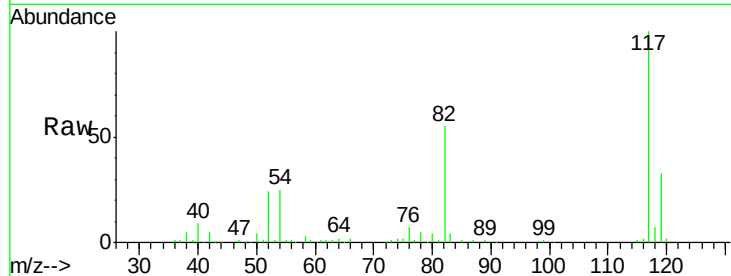




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065829.D
Acq: 19 Jun 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
RO-21

Tot Ion:117 Resp: 228835
Ion Ratio Lower Upper
117 100
82 54.6 41.9 62.9
119 33.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065829.D
Acq: 19 Jun 2020 15:32

Tgt Ion:152 Resp: 90312
Ion Ratio Lower Upper
152 100
115 61.4 28.7 86.1
150 159.0 0.0 348.0

