

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066452.D
 Acq On : 28 Aug 2020 11:38
 Operator : VA/SY
 Sample : VD0828SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBL01

Quant Time: Aug 29 01:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	210060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	288514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	260401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112968	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	7.91	113	91123	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.33	98	333999	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.63	95	115766	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

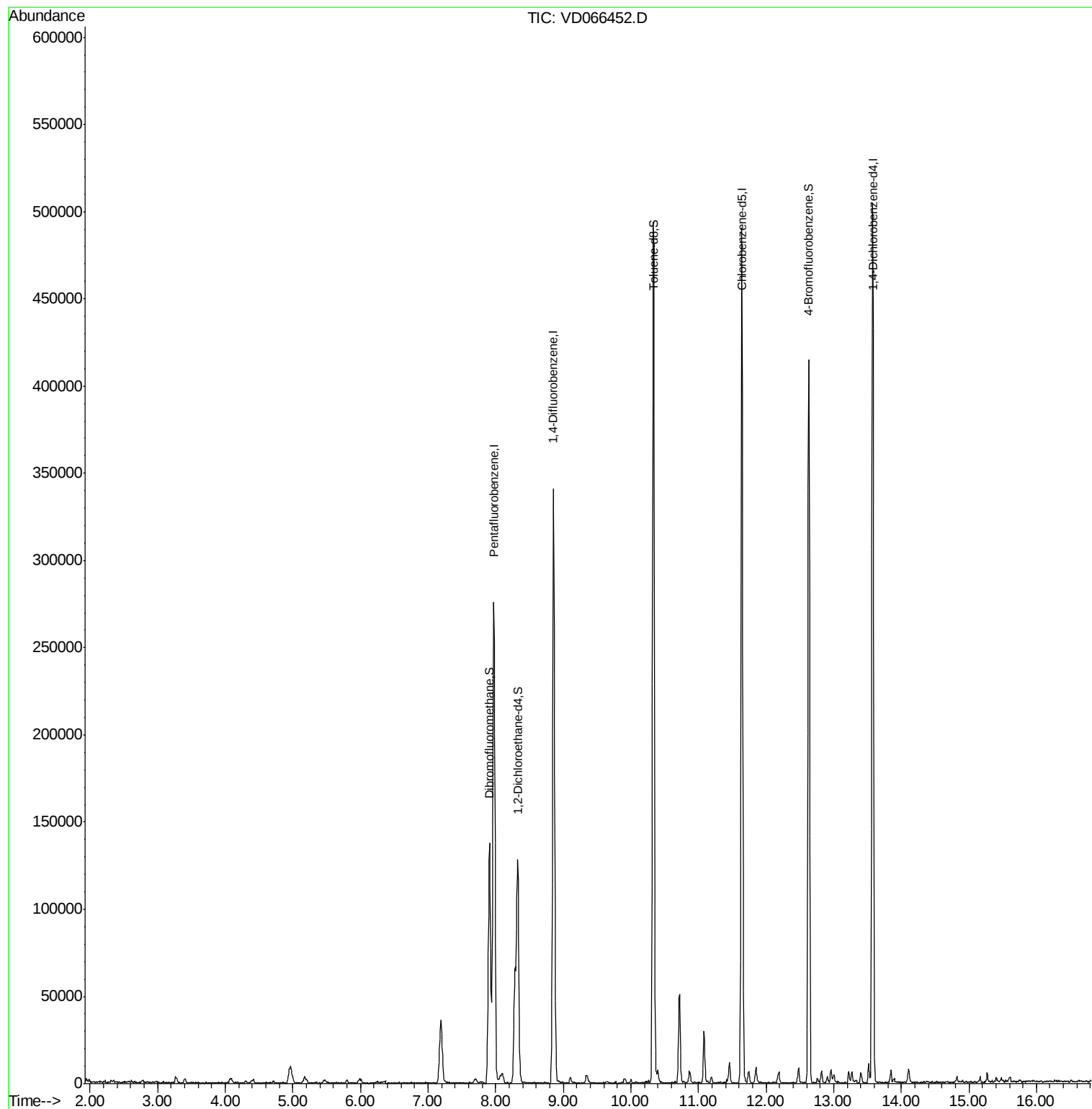
Target Compounds	Qvalue

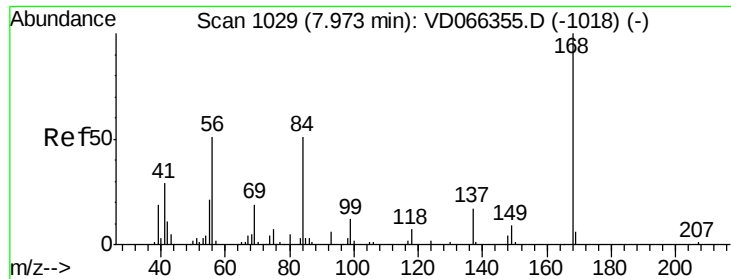
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082820\
Data File : VD066452.D
Acq On : 28 Aug 2020 11:38
Operator : VA/SY
Sample : VD0828SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBL01

Quant Time: Aug 29 01:02:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066452.D

Acq: 28 Aug 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

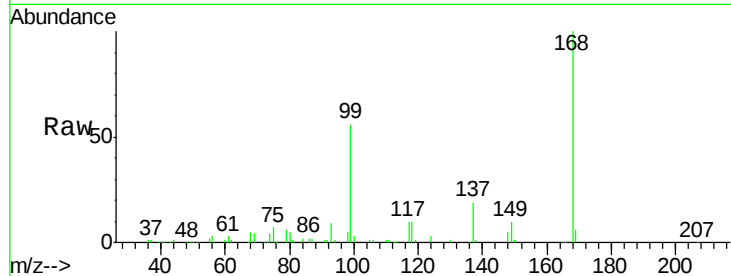
VD0828SBL01

Tot Ion:168 Resp: 210060

Ion Ratio Lower Upper

168 100

99 55.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

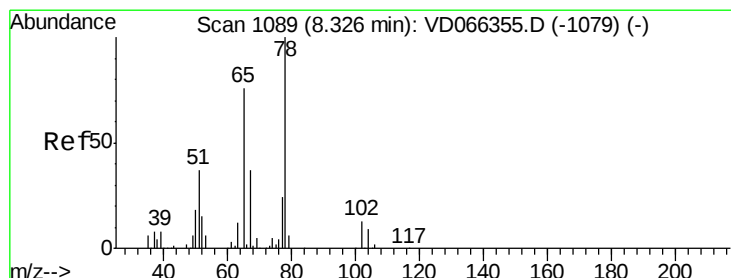
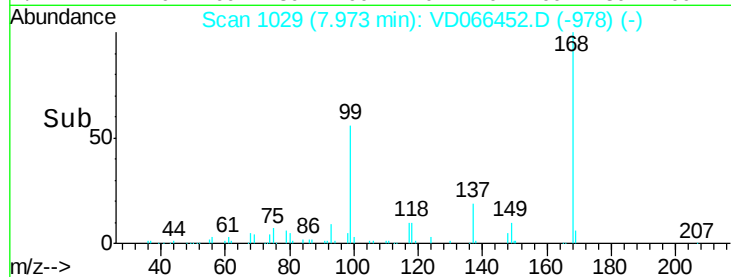
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 54.854 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066452.D

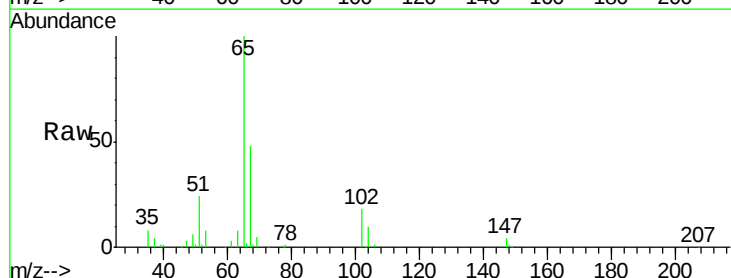
Acq: 28 Aug 2020 11:38

Tgt Ion: 65 Resp: 112968

Ion Ratio Lower Upper

65 100

67 45.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

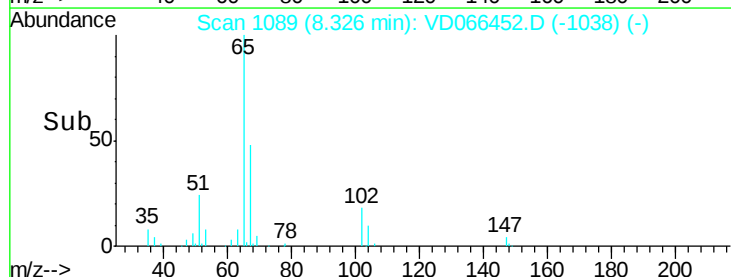
30000

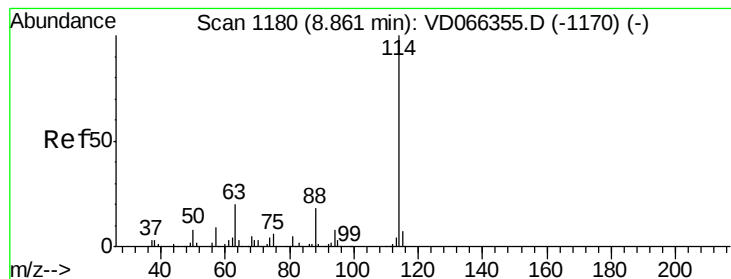
20000

10000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066452.D

Acq: 28 Aug 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBL01

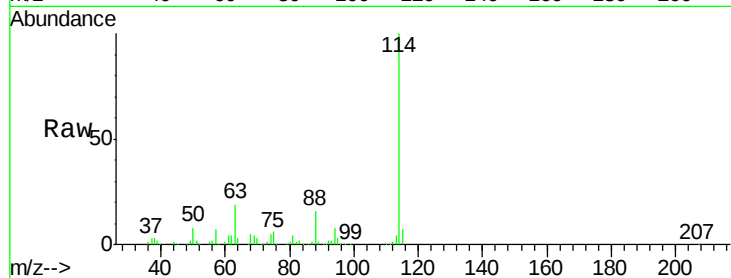
Tot Ion:114 Resp: 288514

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

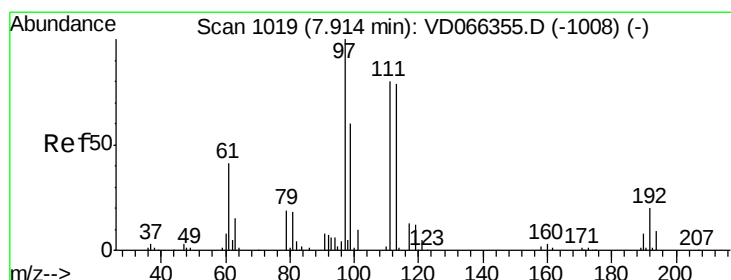
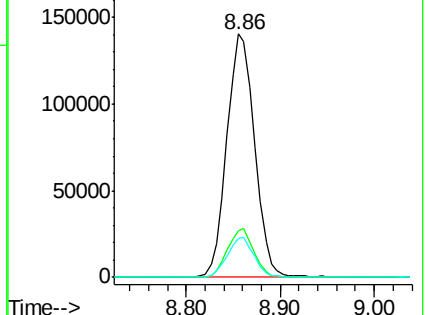
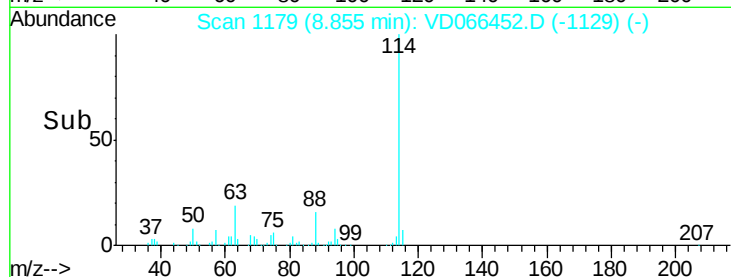
88 16.0 0.0 35.4



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: 50.509 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066452.D

Acq: 28 Aug 2020 11:38

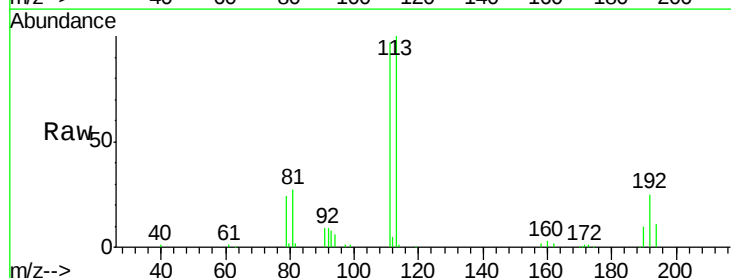
Tgt Ion:113 Resp: 91123

Ion Ratio Lower Upper

113 100

111 101.6 80.3 120.5

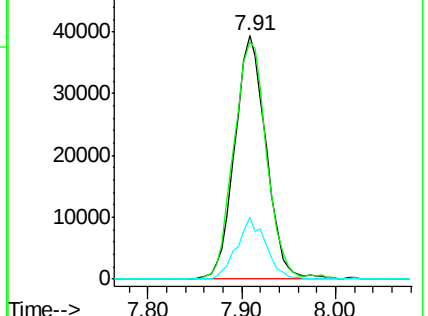
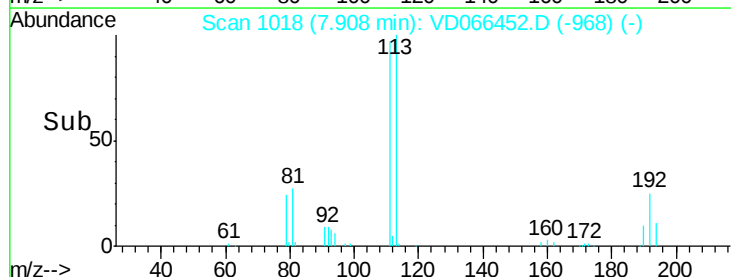
192 23.2 19.0 28.6

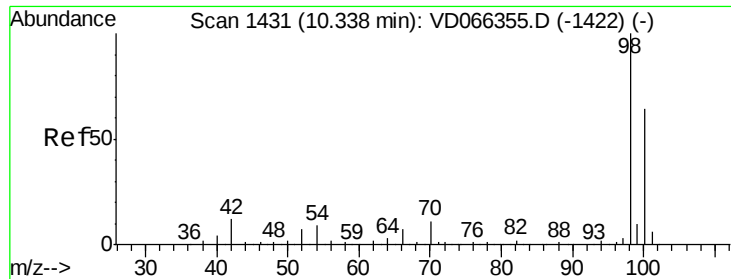


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.598 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066452.D

Acq: 28 Aug 2020 11:38

Instrument :

MSVOA_D

ClientSampleId :

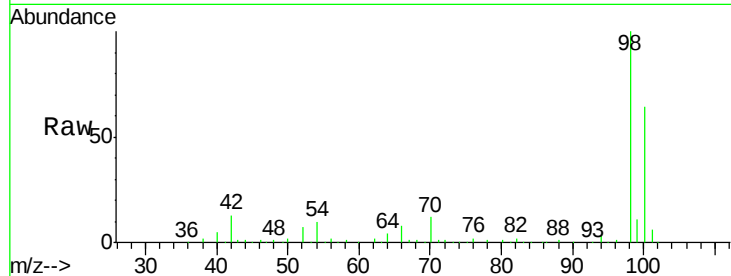
VD0828SBL01

Tot Ion: 98 Resp: 333999

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.33

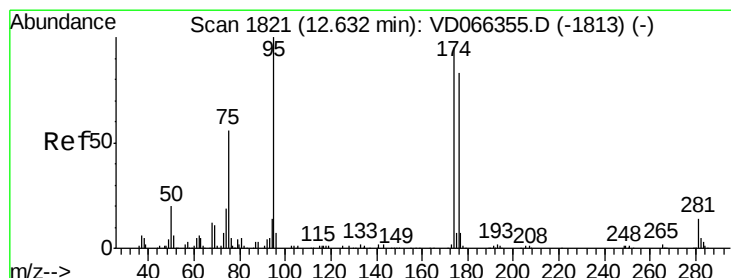
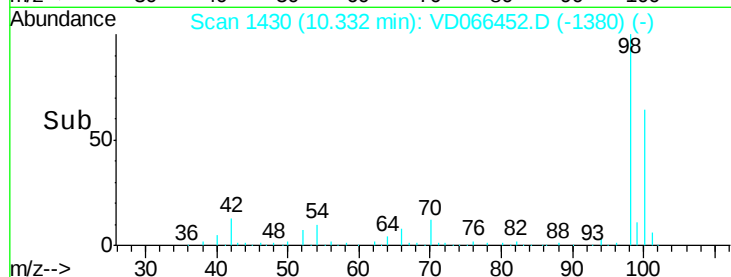
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.424 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066452.D

Acq: 28 Aug 2020 11:38

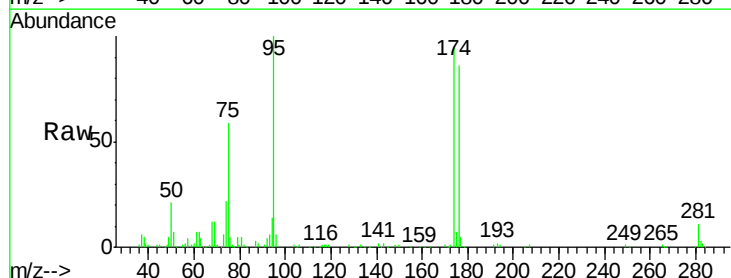
Tgt Ion: 95 Resp: 115766

Ion Ratio Lower Upper

95 100

174 98.0 0.0 183.4

176 94.5 0.0 173.8



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

80000

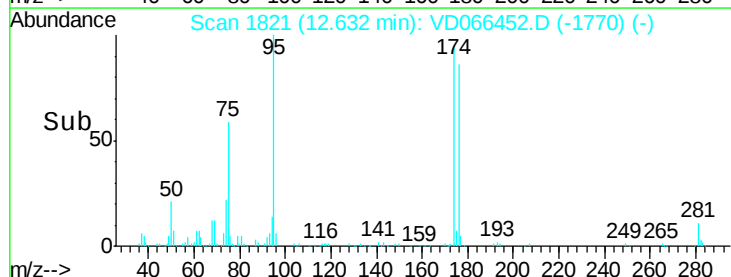
60000

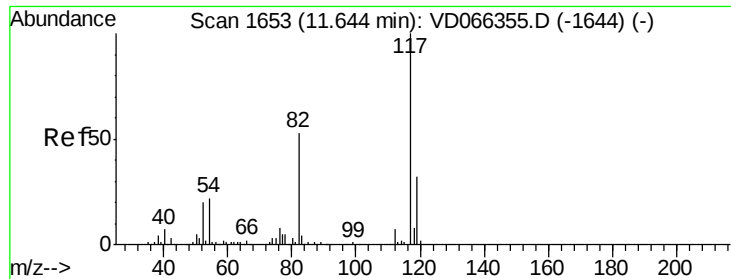
40000

20000

0

Time-->

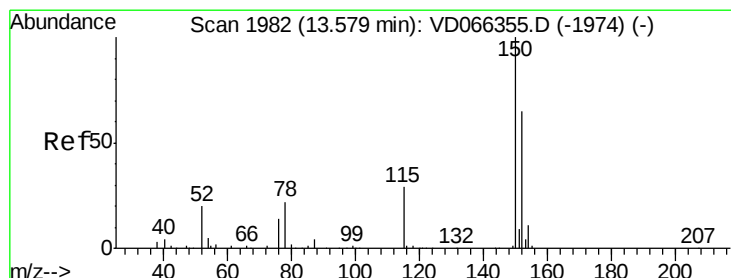
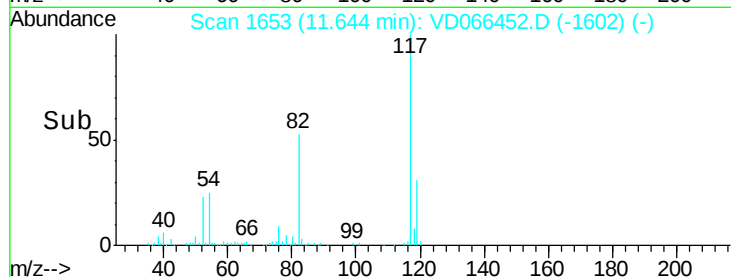
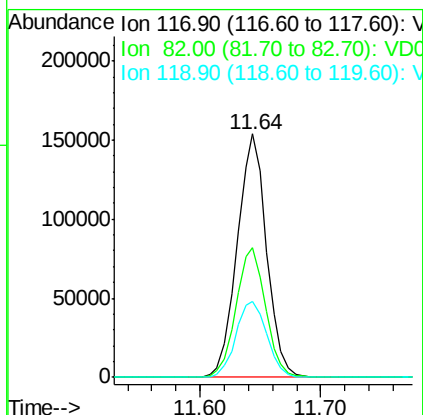
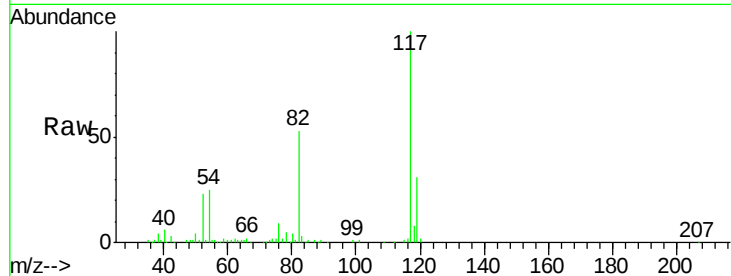




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066452.D
Acq: 28 Aug 2020 11:38

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBL01

Tot Ion:117 Resp: 260401
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.3 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: VD066452.D
Acq: 28 Aug 2020 11:38

Tgt Ion:152 Resp: 136792
Ion Ratio Lower Upper
152 100
115 58.1 28.3 85.0
150 155.2 0.0 343.2

