

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066671.D
 Acq On : 14 Sep 2020 14:15
 Operator : VA/SY
 Sample : L3928-05
 Misc : 7.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-11.5-12.0

Quant Time: Sep 15 02:08:16 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	470851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	819312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	774847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	355056	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	271794	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.91	113	260420	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	10.34	98	1004705	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.63	95	357636	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	

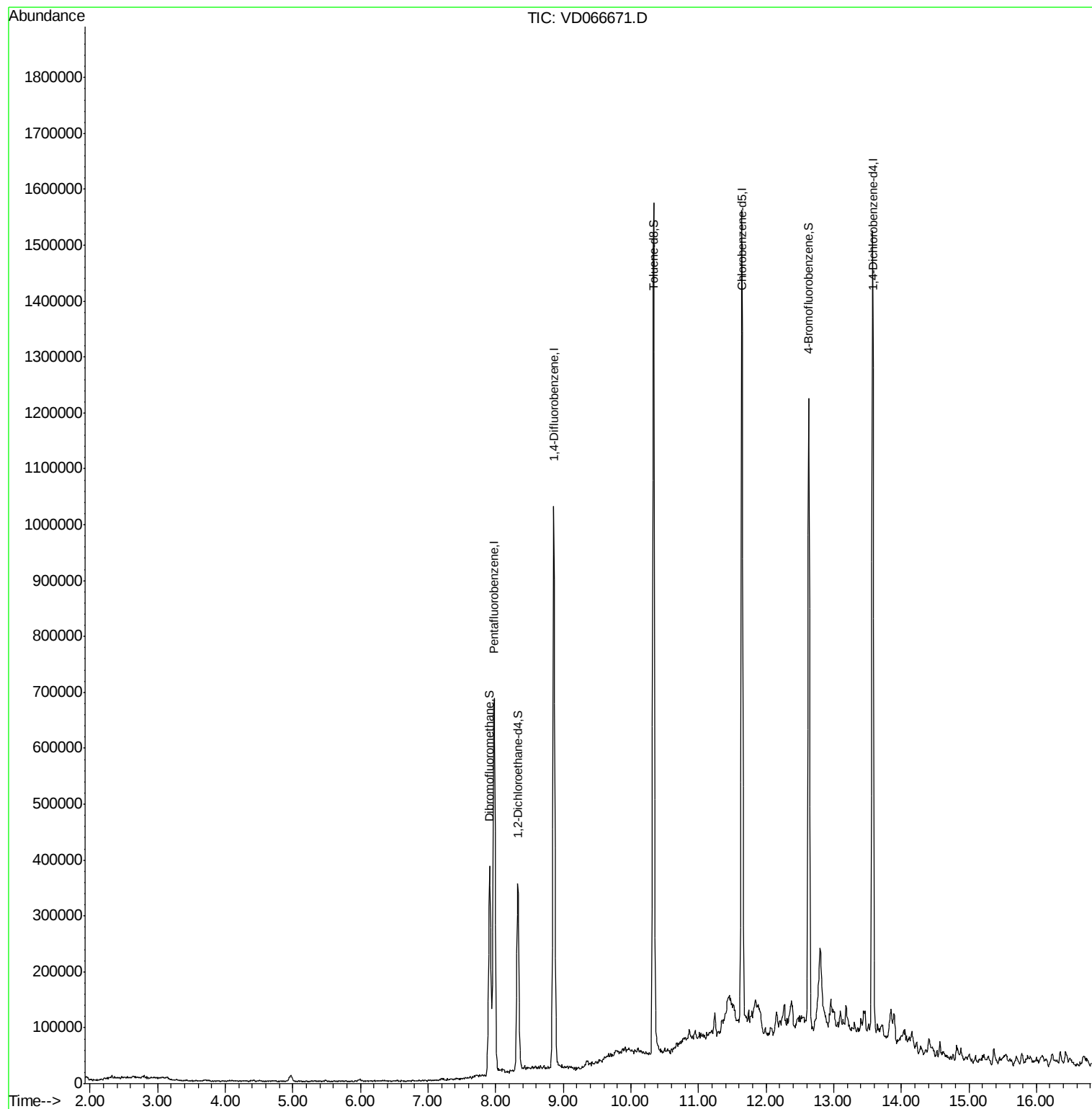
Target Compounds	Qvalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066671.D
Acq On : 14 Sep 2020 14:15
Operator : VA/SY
Sample : L3928-05
Misc : 7.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4-11.5-12.0

Quant Time: Sep 15 02:08:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066671.D

Acq: 14 Sep 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

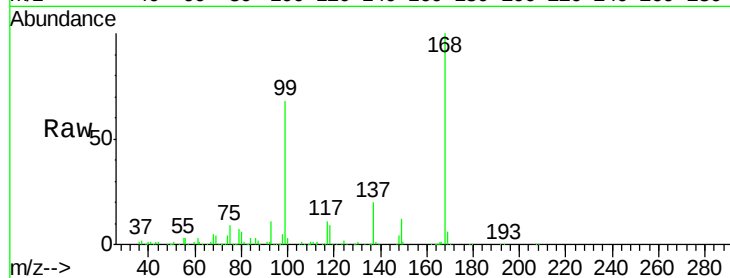
SB-4-11.5-12.0

Tot Ion:168 Resp: 470851

Ion Ratio Lower Upper

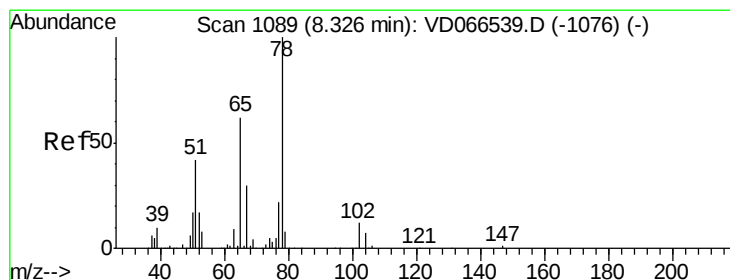
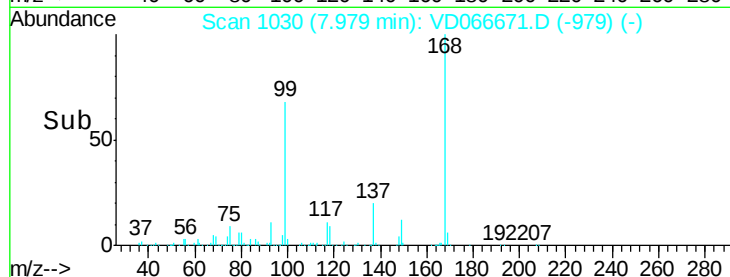
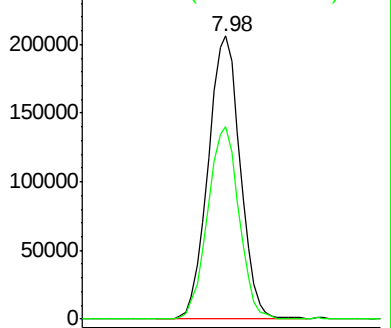
168 100

99 67.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.710 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066671.D

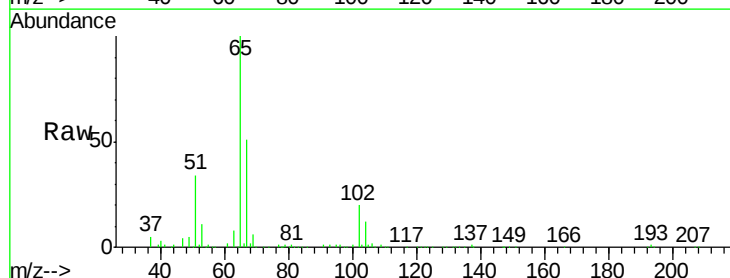
Acq: 14 Sep 2020 14:15

Tgt Ion: 65 Resp: 271794

Ion Ratio Lower Upper

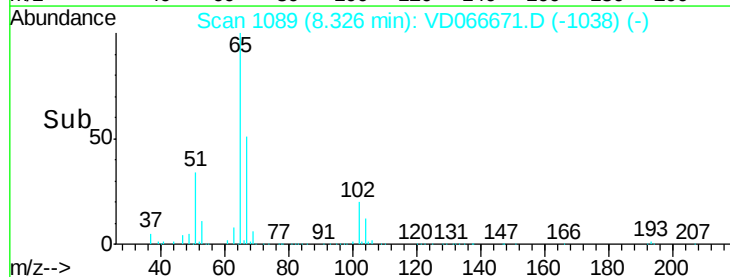
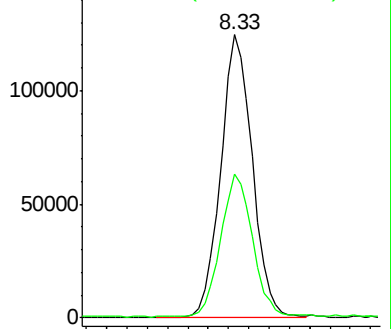
65 100

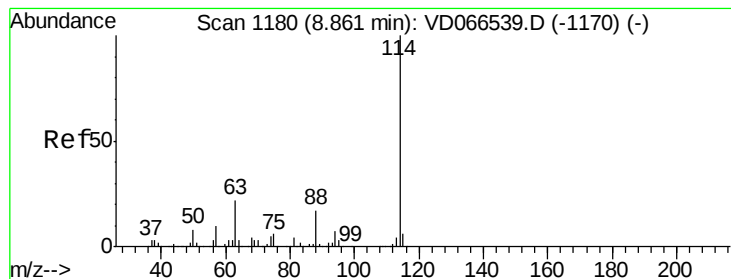
67 49.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066671.D

Acq: 14 Sep 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

SB-4-11.5-12.0

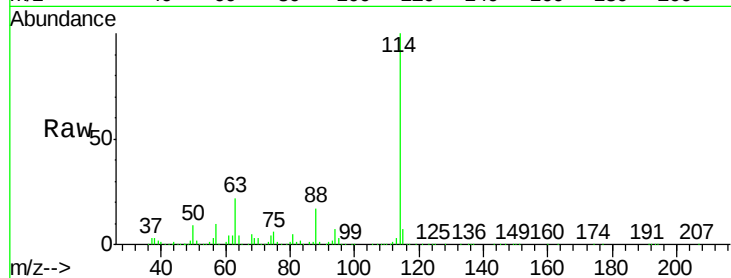
Tot Ion:114 Resp: 819312

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

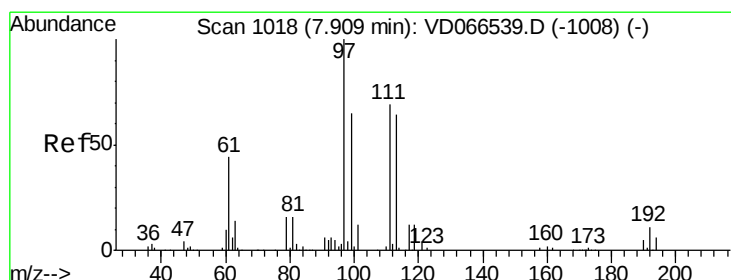
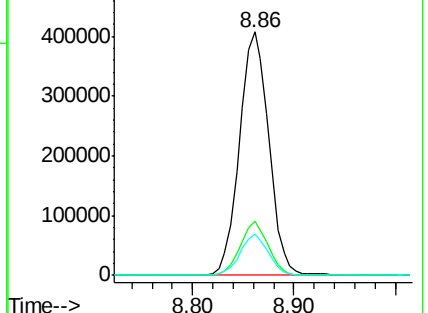
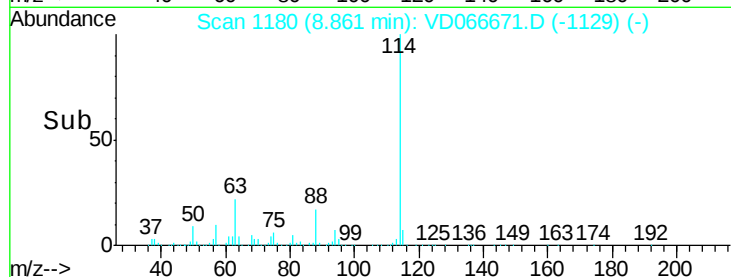
88 16.8 0.0 33.2



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: 47.116 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066671.D

Acq: 14 Sep 2020 14:15

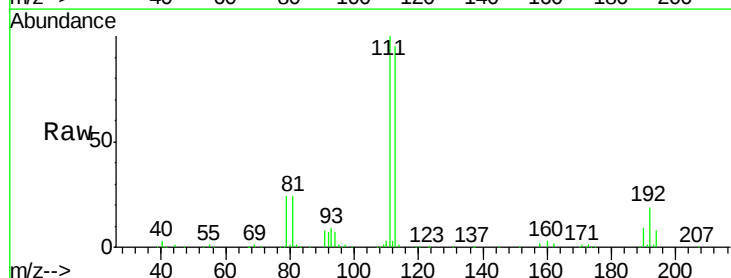
Tgt Ion:113 Resp: 260420

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

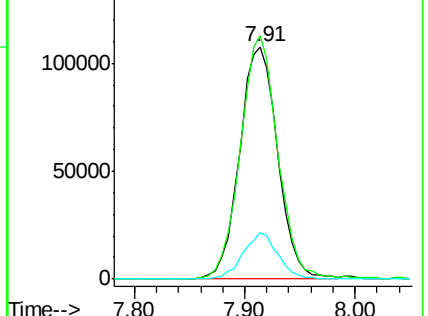
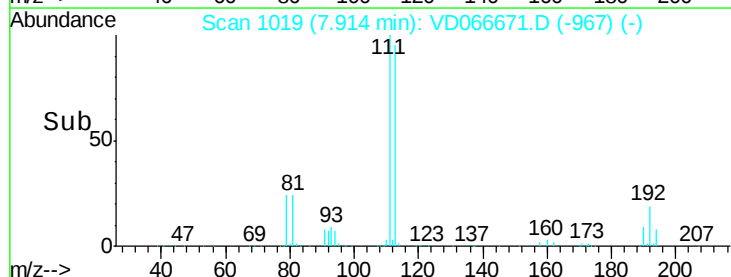
192 18.4 13.7 20.5

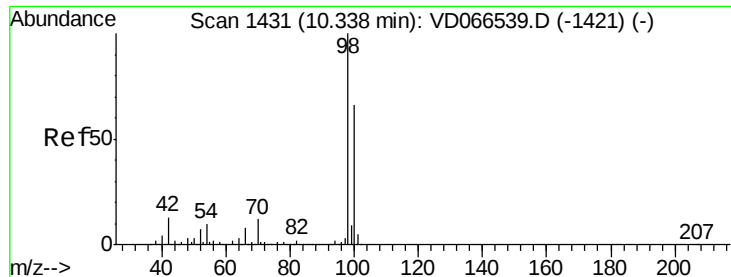


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.859 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066671.D

Acq: 14 Sep 2020 14:15

Instrument :

MSVOA_D

ClientSampleId :

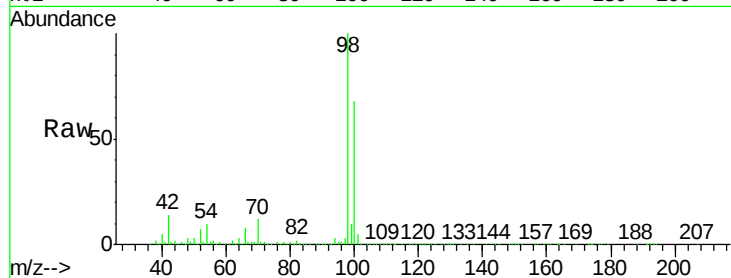
SB-4-11.5-12.0

Tot Ion: 98 Resp: 1004705

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

600000

500000

400000

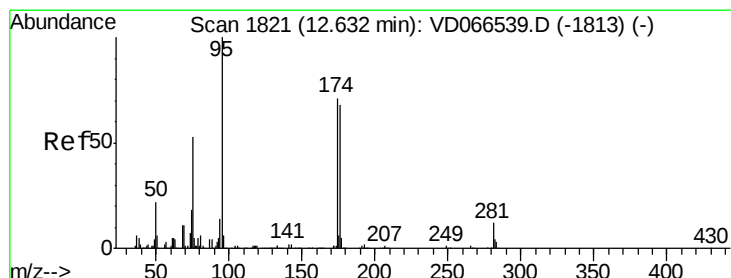
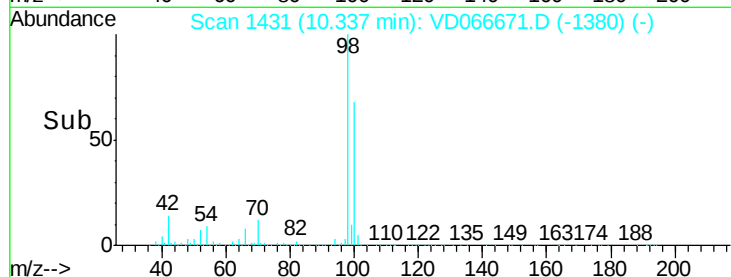
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 54.597 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066671.D

Acq: 14 Sep 2020 14:15

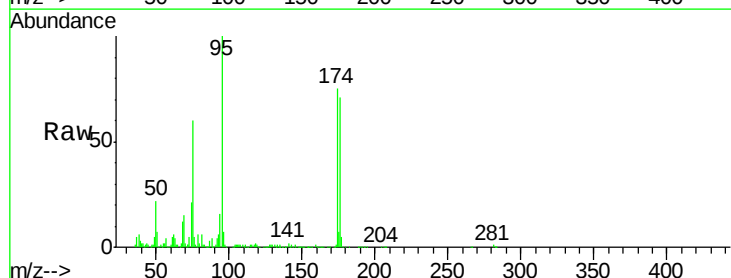
Tgt Ion: 95 Resp: 357636

Ion Ratio Lower Upper

95 100

174 78.6 0.0 155.8

176 73.1 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

12.63

300000

250000

200000

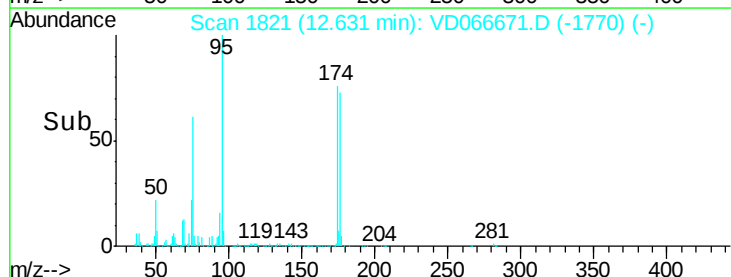
150000

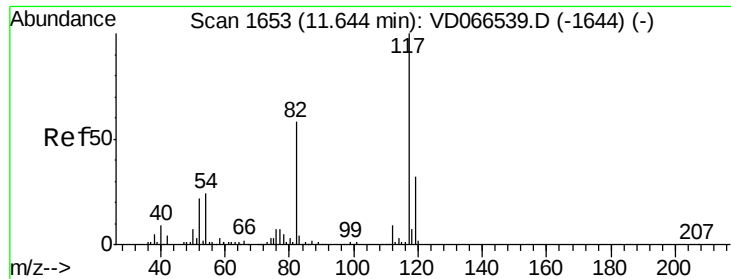
100000

50000

0

Time--> 12.50 12.60 12.70

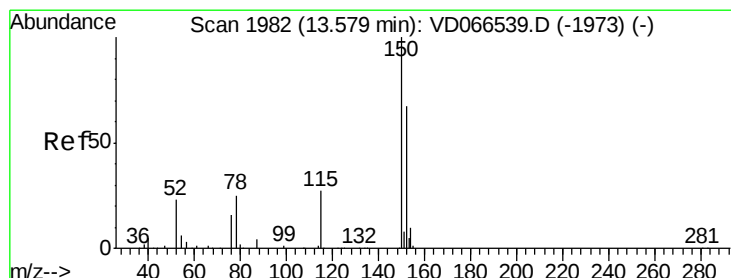
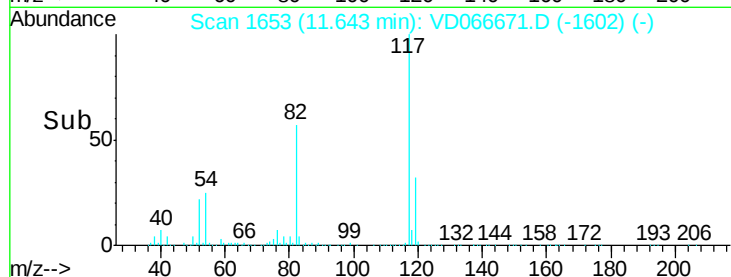
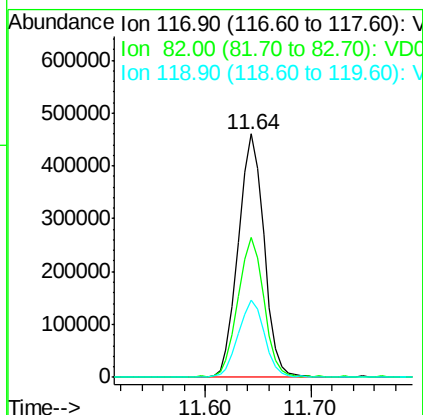
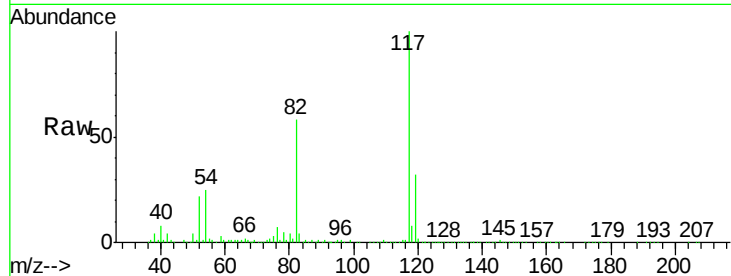




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066671.D
Acq: 14 Sep 2020 14:15

Instrument :
MSVOA_D
ClientSampleId :
SB-4-11.5-12.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.2	69.2
119	31.7	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: VD066671.D
Acq: 14 Sep 2020 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.4	91.2
150	156.1	0.0	345.8

