

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066956.D
 Acq On : 30 Sep 2020 00:32
 Operator : VA/SY
 Sample : L4179-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-9(12-14)

Quant Time: Sep 30 04:51:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

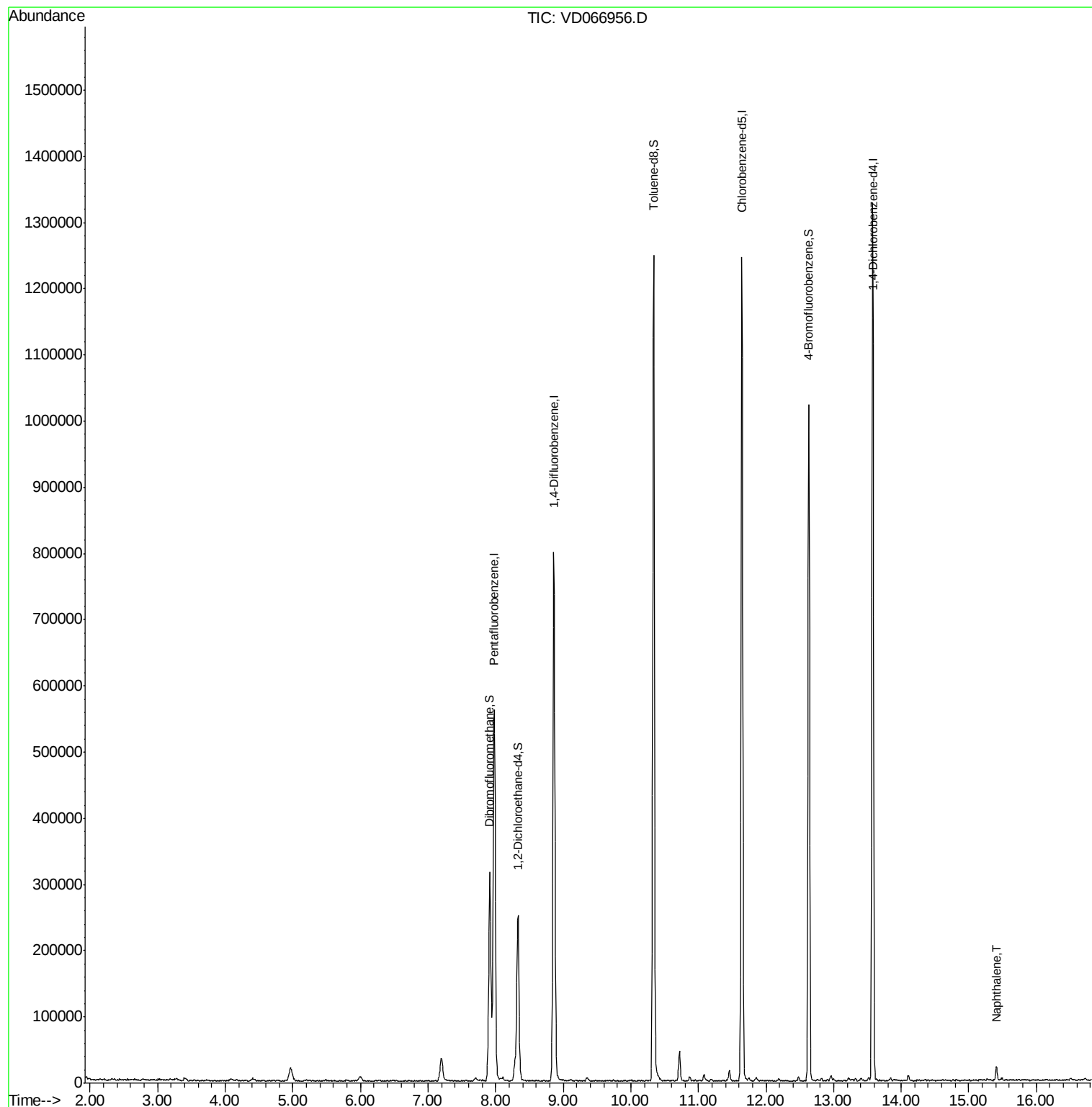
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	421374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	708129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	733208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	197787	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
35) Dibromofluoromethane	7.91	113	220803	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.34	98	852634	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.63	95	319877	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
Target Compounds						
95) Naphthalene	15.41	128	18327	1.697	ug/l	Qvalue 98

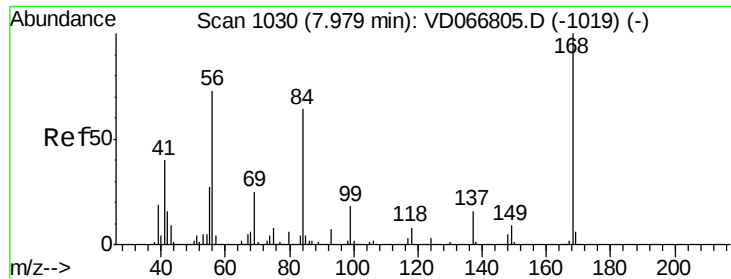
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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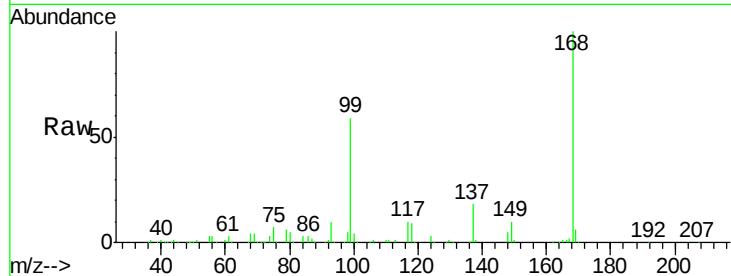
B-9(12-14)

Tot Ion:168 Resp: 421374

Ion Ratio Lower Upper

168 100

99 58.3 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

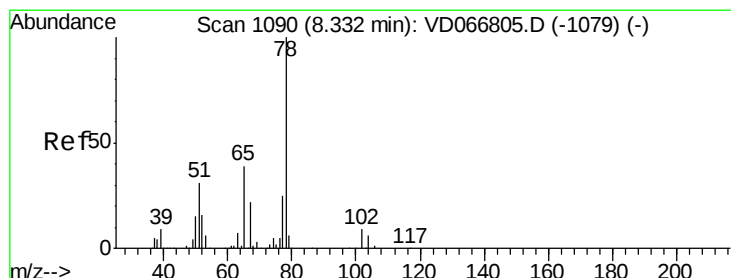
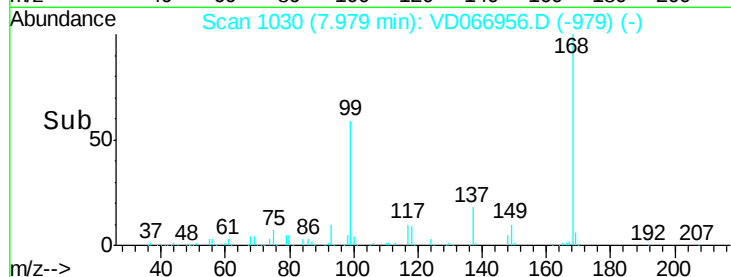
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.957 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066956.D

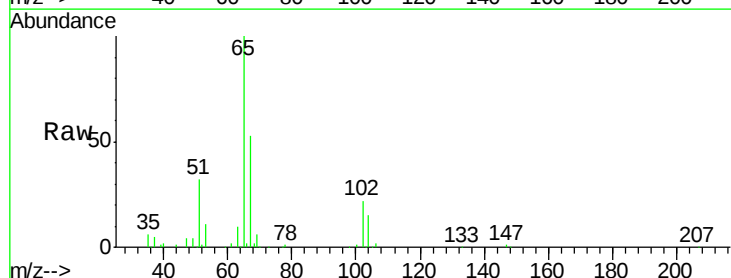
Acq: 30 Sep 2020 00:32

Tgt Ion: 65 Resp: 197787

Ion Ratio Lower Upper

65 100

67 51.3 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

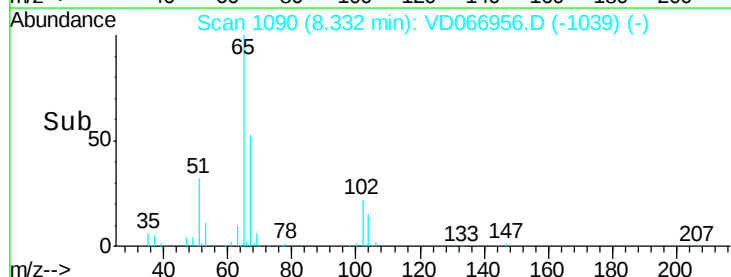
60000

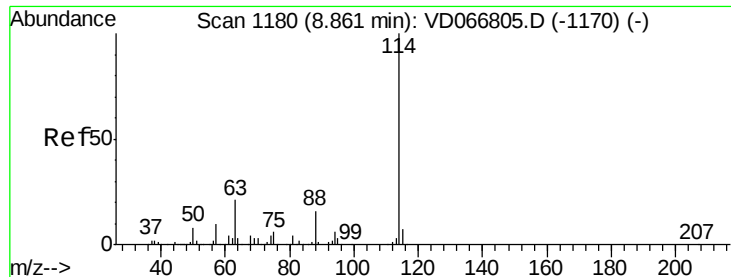
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066956.D

Acq: 30 Sep 2020 00:32

Instrument :

MSVOA_D

ClientSampleId :

B-9(12-14)

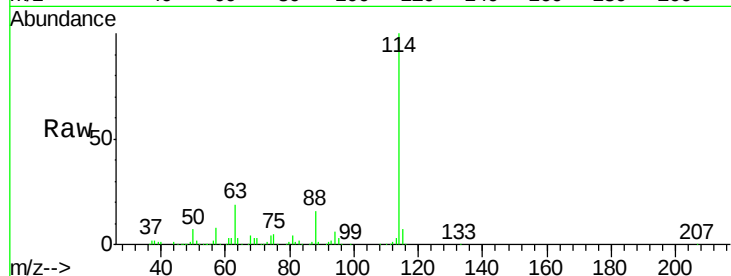
Tot Ion:114 Resp: 708129

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

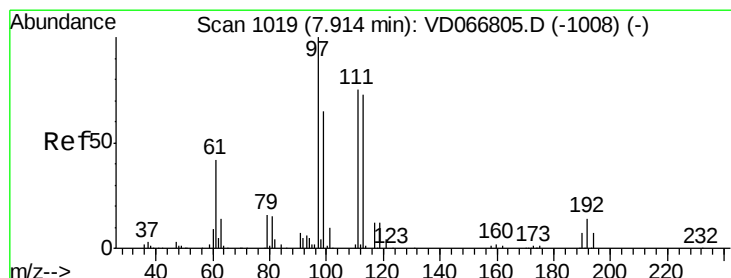
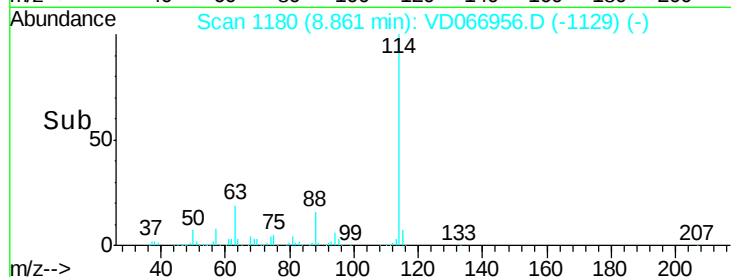
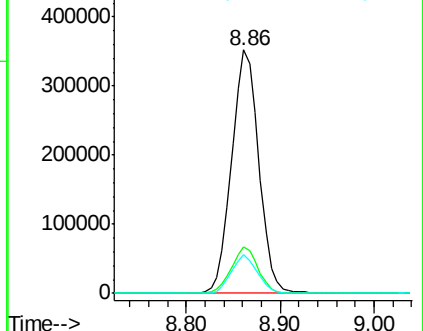
88 15.7 0.0 32.6



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: 49.012 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066956.D

Acq: 30 Sep 2020 00:32

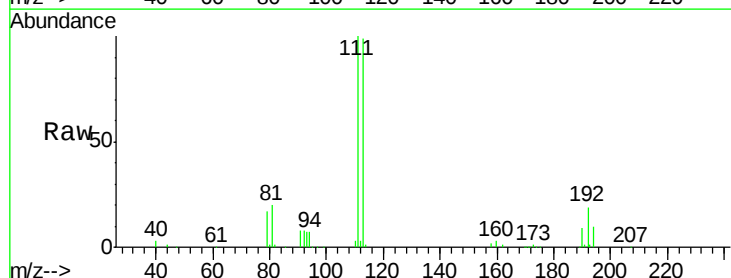
Tgt Ion:113 Resp: 220803

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

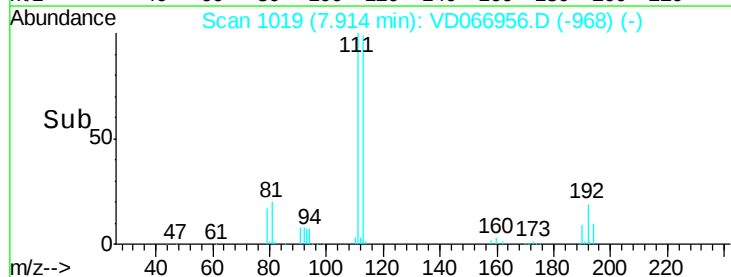
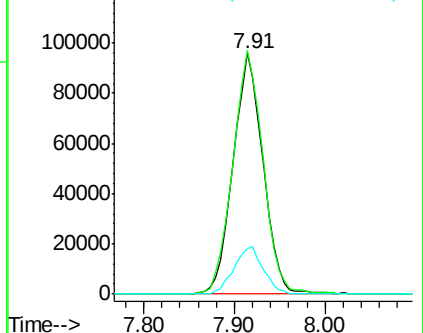
192 19.4 14.4 21.6

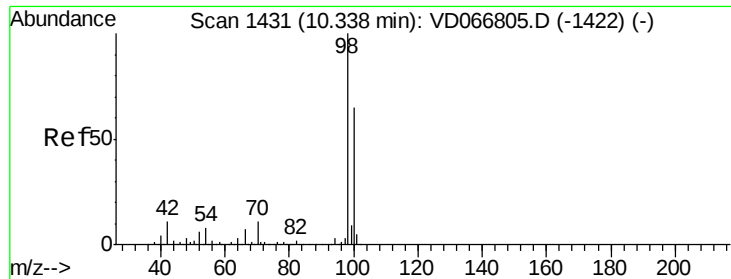


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.547 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066956.D

Acq: 30 Sep 2020 00:32

Instrument :

MSVOA_D

ClientSampleId :

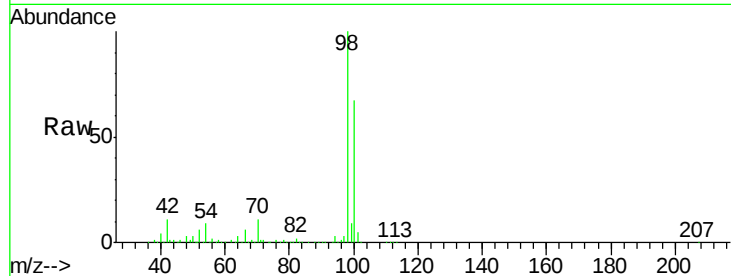
B-9(12-14)

Tot Ion: 98 Resp: 852634

Ion Ratio Lower Upper

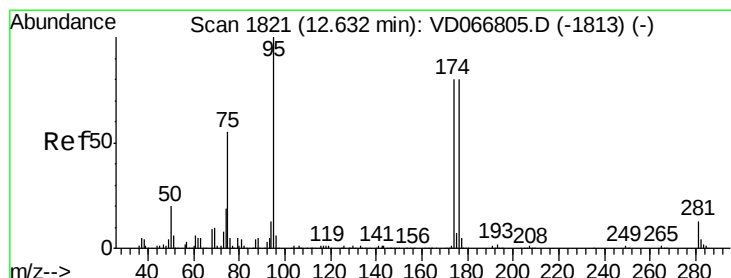
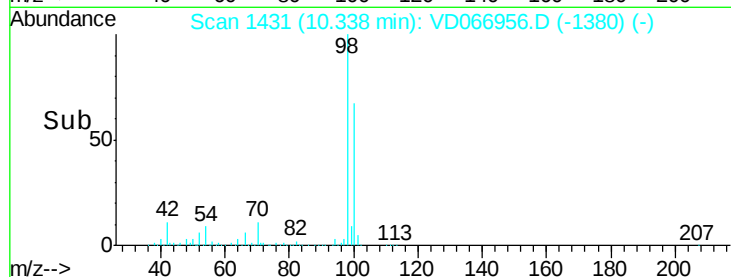
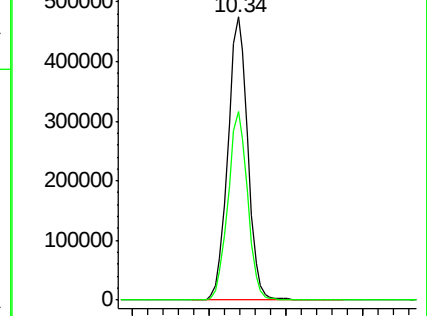
98 100

100 65.7 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: 60.874 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066956.D

Acq: 30 Sep 2020 00:32

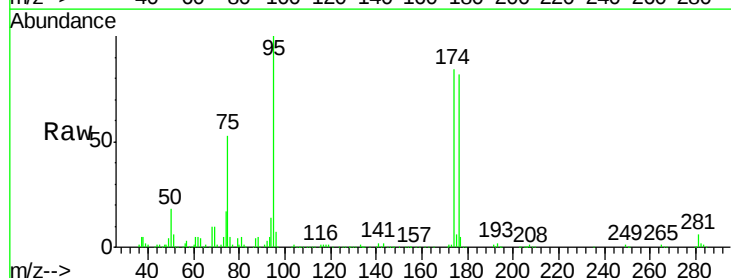
Tgt Ion: 95 Resp: 319877

Ion Ratio Lower Upper

95 100

174 82.3 0.0 159.8

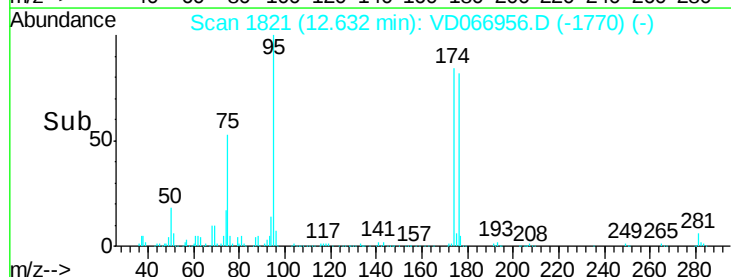
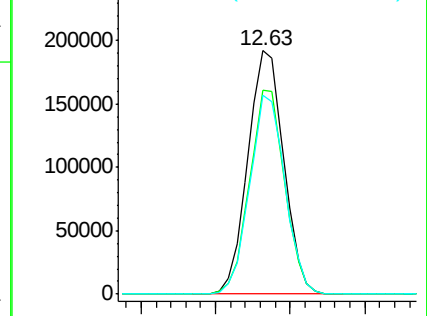
176 80.0 0.0 154.4

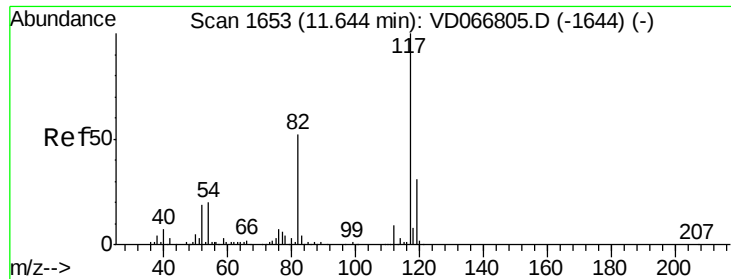


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

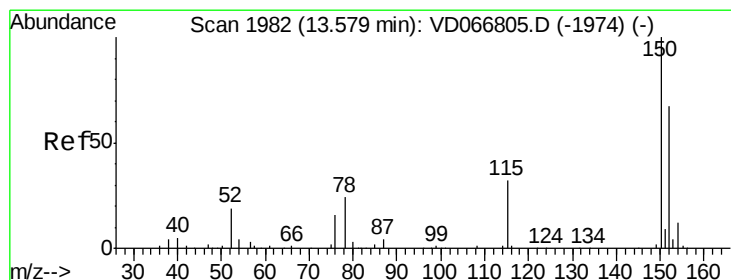
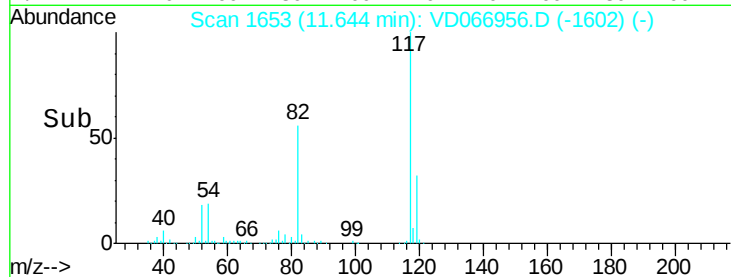
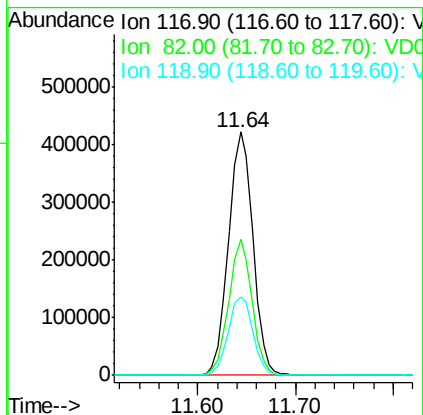
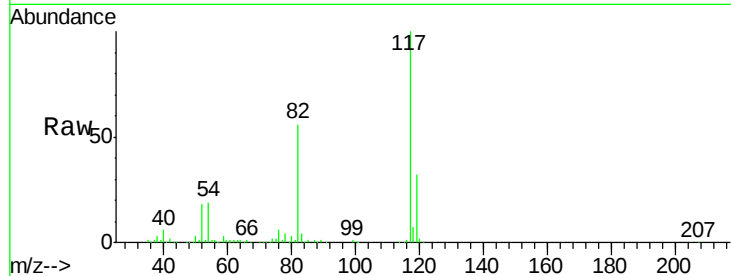




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066956.D
Acq: 30 Sep 2020 00:32

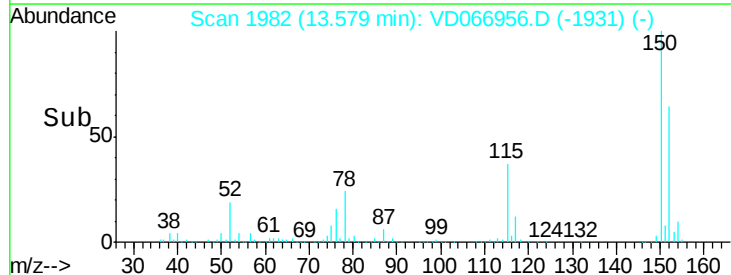
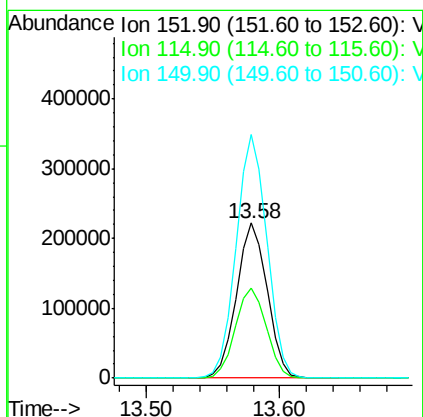
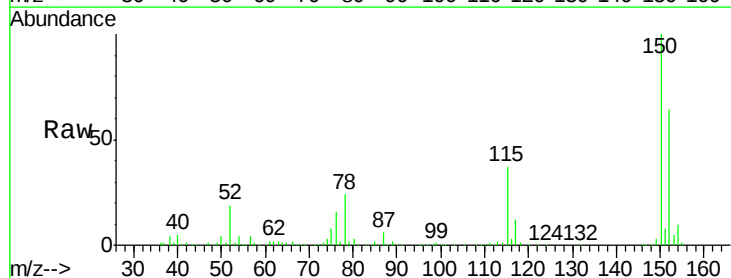
Instrument :
MSVOA_D
ClientSampleId :
B-9(12-14)

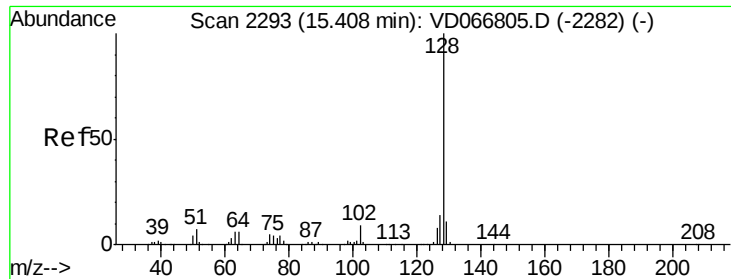
Tot Ion:117 Resp: 733208
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.6
119 32.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066956.D
Acq: 30 Sep 2020 00:32

Tgt Ion:152 Resp: 353829
Ion Ratio Lower Upper
152 100
115 58.7 30.3 91.0
150 157.1 0.0 346.2





#95

Naphthalene

Concen: 1.697 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066956.D

Acq: 30 Sep 2020 00:32

Instrument :

MSVOA_D

ClientSampleId :

B-9(12-14)

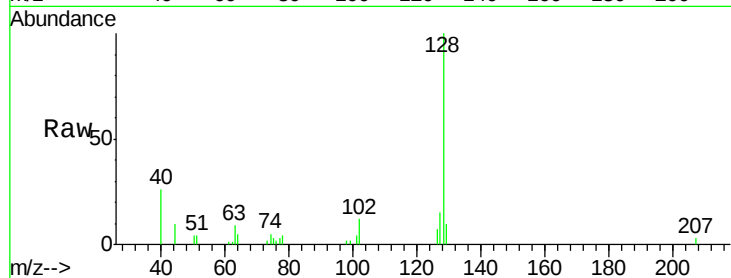
Tot Ion:128 Resp: 18327

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.4 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

