

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067189.D
 Acq On : 08 Oct 2020 12:47
 Operator : VA/SY
 Sample : L4282-03RE
 Misc : 1.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 68-89RE

Quant Time: Oct 08 19:15:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	237457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	399590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	310681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114072	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	137099	59.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.88%	
35) Dibromofluoromethane	7.91	113	138175	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.34	98	412375	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	12.64	95	112304	34.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.40%	

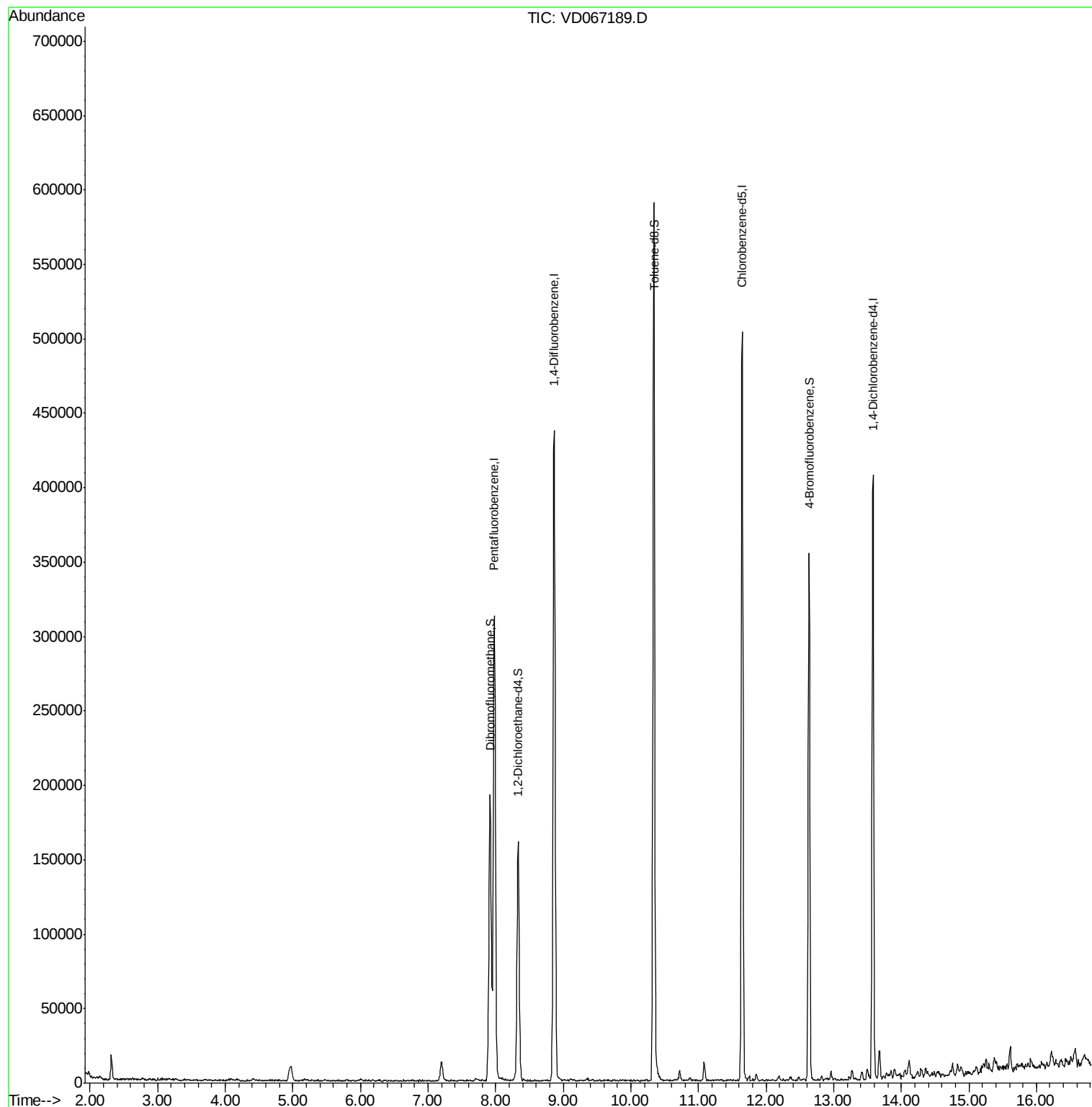
Target Compounds	Qvalue
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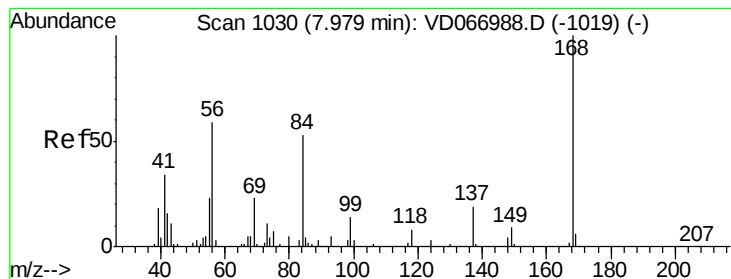
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100820\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 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: VD067189.D

Acq: 08 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

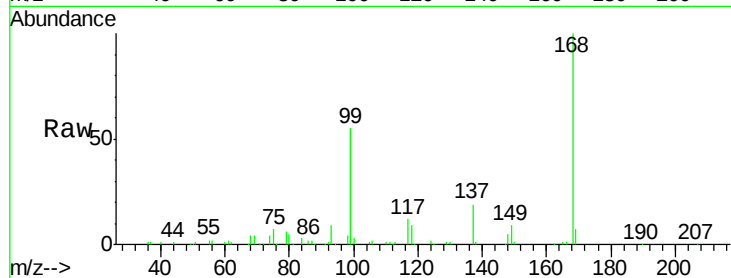
68-89RE

Tot Ion:168 Resp: 237457

Ion Ratio Lower Upper

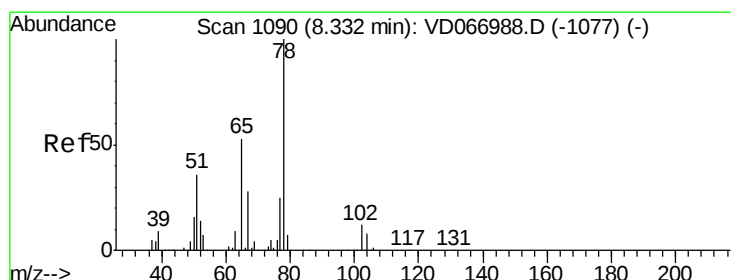
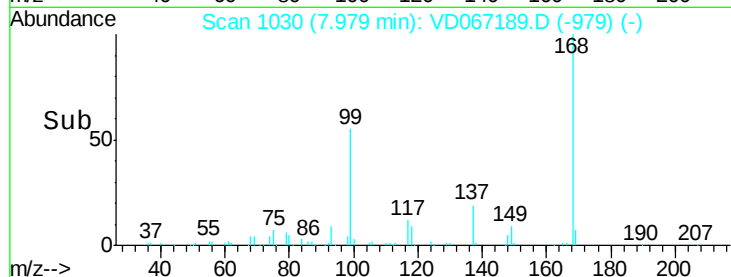
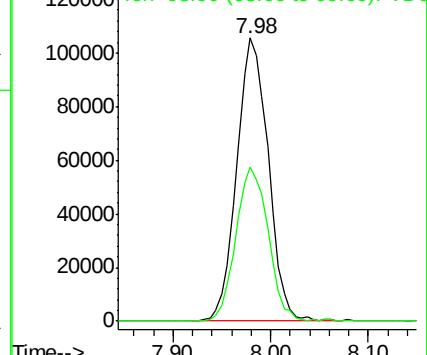
168 100

99 54.5 44.1 66.1



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: 59.943 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067189.D

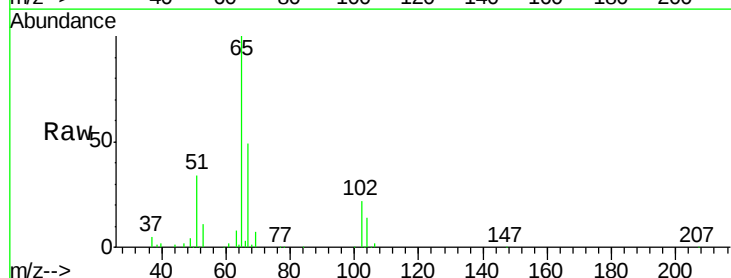
Acq: 08 Oct 2020 12:47

Tgt Ion: 65 Resp: 137099

Ion Ratio Lower Upper

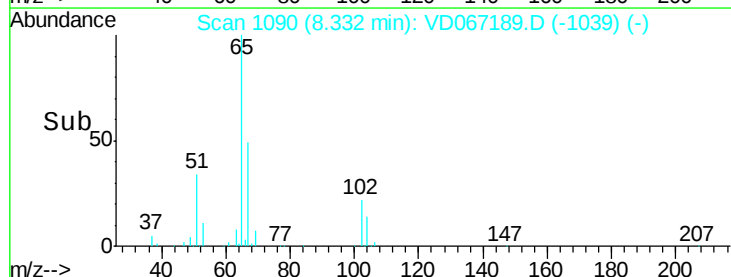
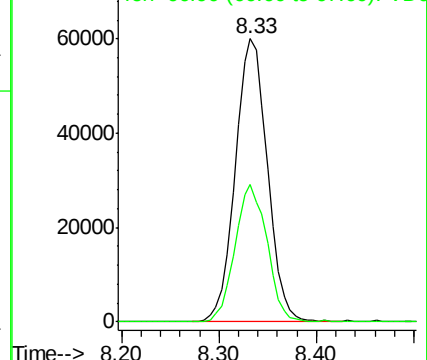
65 100

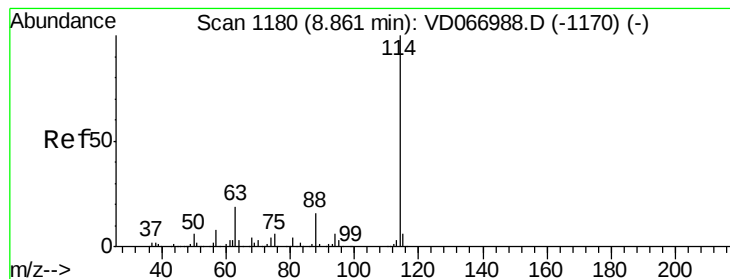
67 48.4 0.0 106.8



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: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067189.D

Acq: 08 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

68-89RE

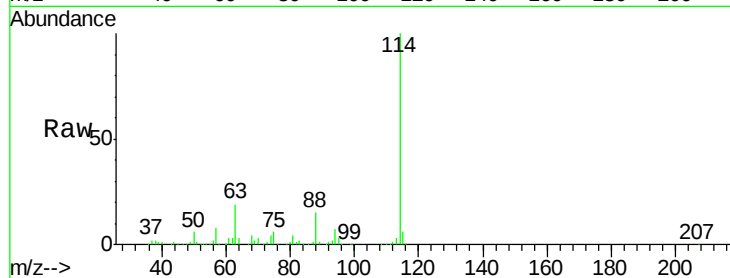
Tot Ion:114 Resp: 399590

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

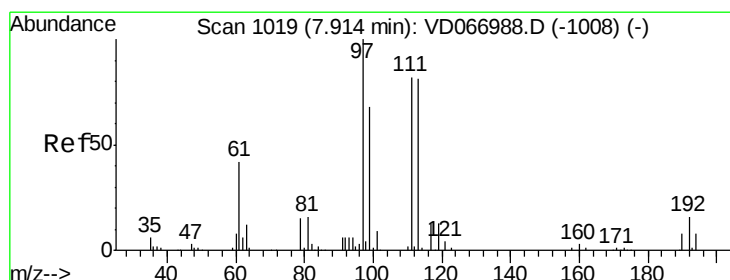
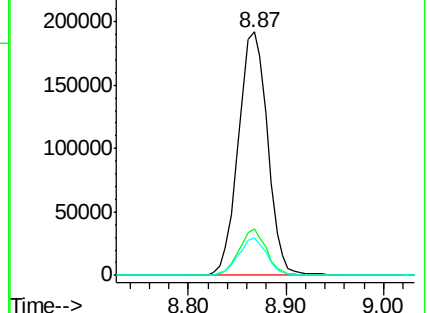
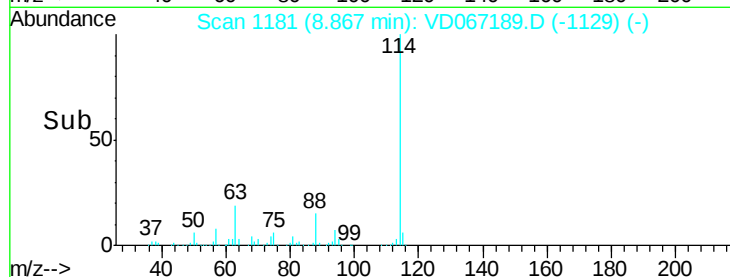
88 15.2 0.0 31.2



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: 52.818 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067189.D

Acq: 08 Oct 2020 12:47

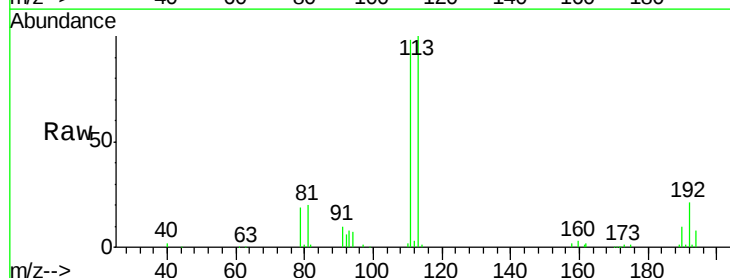
Tgt Ion:113 Resp: 138175

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

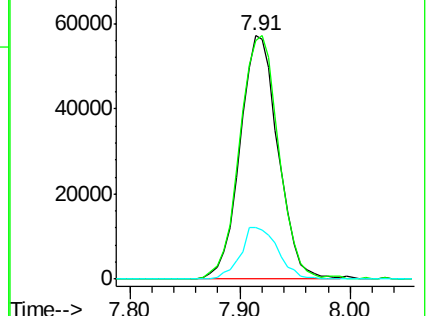
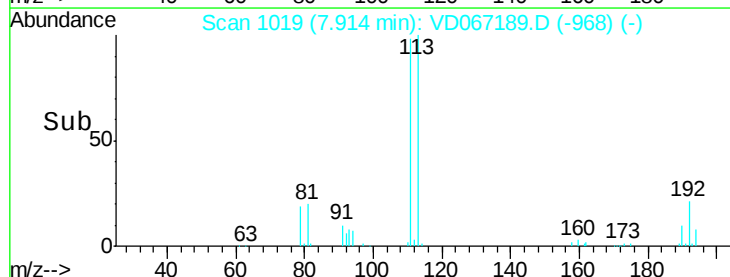
192 20.9 15.5 23.3

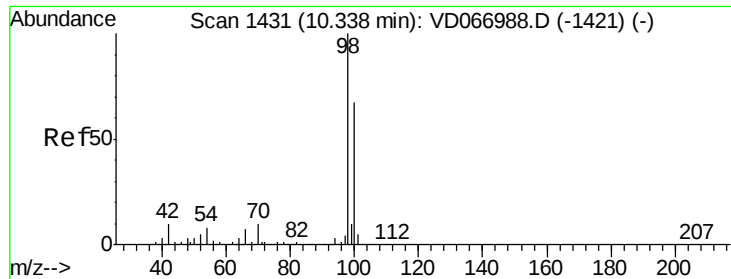


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.260 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067189.D

Acq: 08 Oct 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

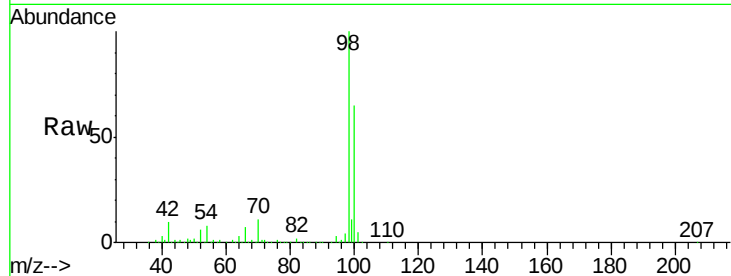
68-89RE

Tot Ion: 98 Resp: 412375

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

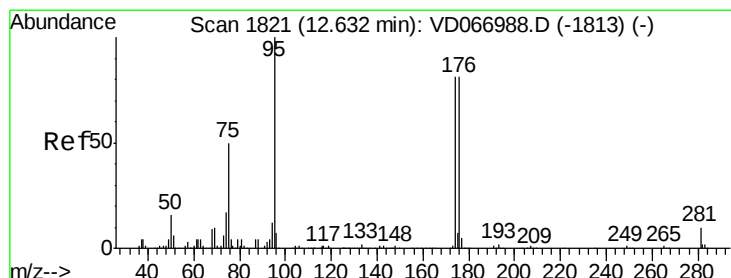
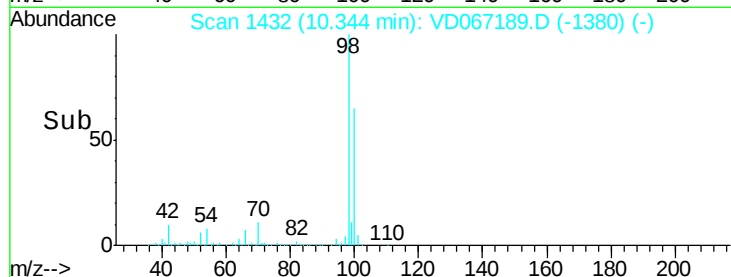
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.704 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067189.D

Acq: 08 Oct 2020 12:47

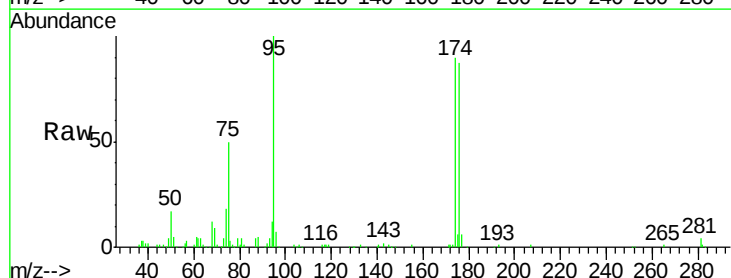
Tgt Ion: 95 Resp: 112304

Ion Ratio Lower Upper

95 100

174 90.2 0.0 167.6

176 84.8 0.0 162.4



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

12.64

80000

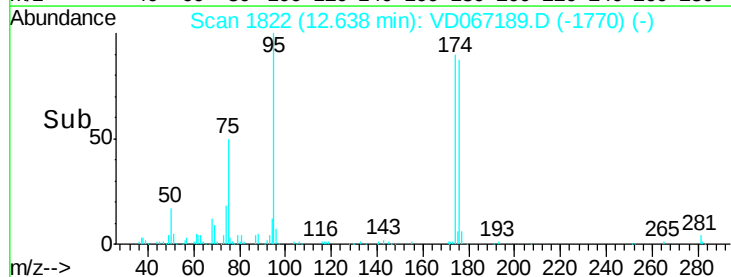
60000

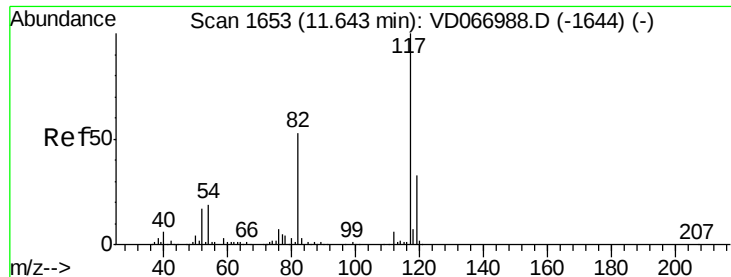
40000

20000

0

Time-->

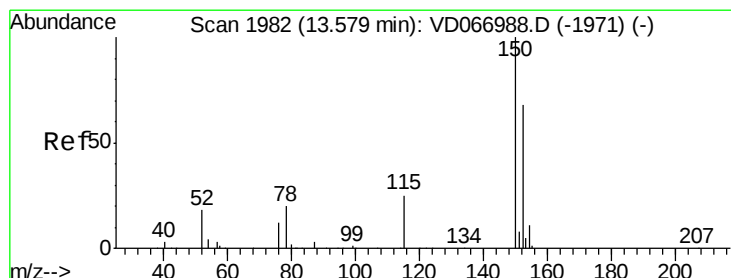
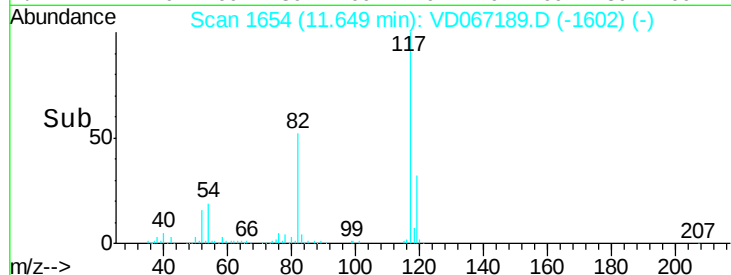
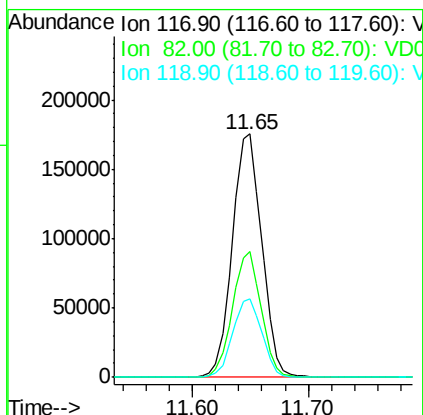
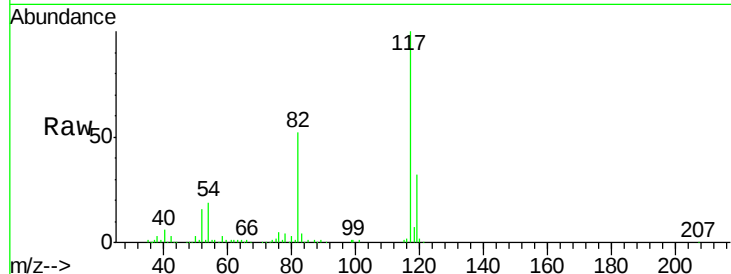




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067189.D
Acq: 08 Oct 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
68-89RE

Tot Ion:117 Resp: 310681
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067189.D
Acq: 08 Oct 2020 12:47

Tgt Ion:152 Resp: 114072
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.8
150 161.3 0.0 344.8

