

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061791.D
 Acq On : 12 Jun 2020 15:13
 Operator : JC/MD
 Sample : L2988-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D1-20200609

Quant Time: Jun 13 06:22:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

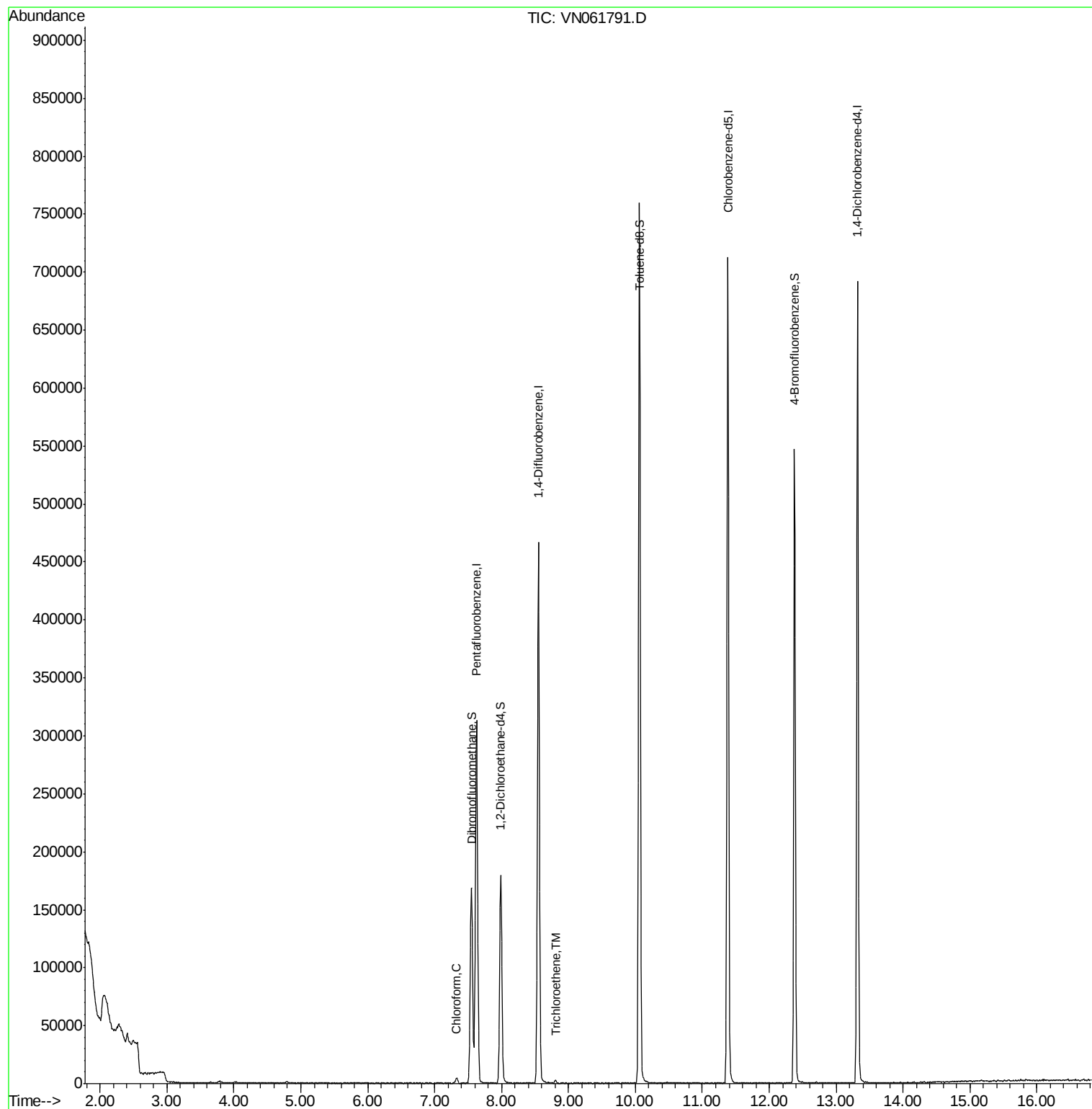
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	450239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151198	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	7.55	113	131354	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.12%	
50) Toluene-d8	10.06	98	540997	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.38	95	187728	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
Target Compounds						
30) Chloroform	7.32	83	5127	0.923	ug/l	91
44) Trichloroethene	8.81	130	1111	0.294	ug/l	87

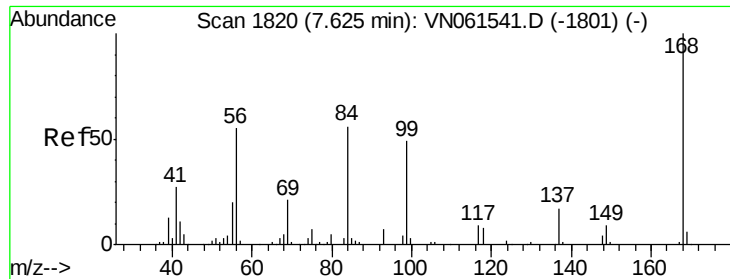
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

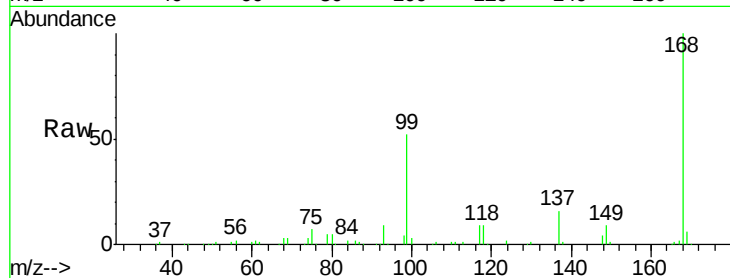
RE135D1-20200609

Tot Ion:168 Resp: 268877

Ion Ratio Lower Upper

168 100

99 51.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

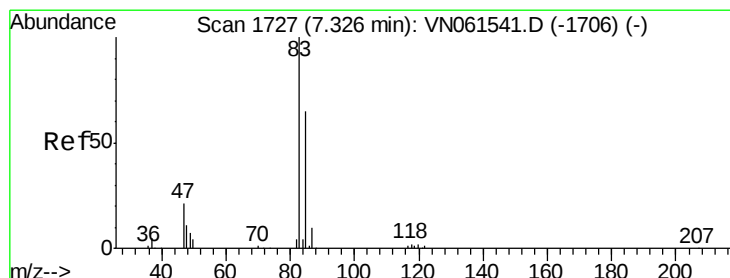
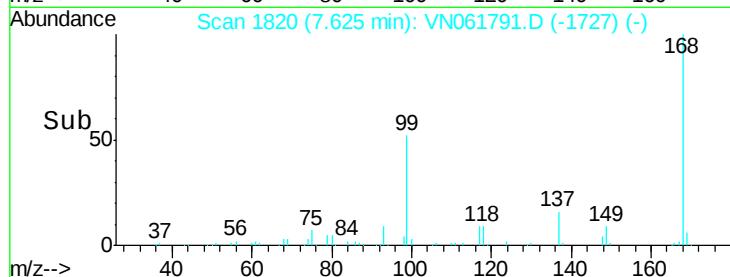
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#30

Chloroform

Concen: 0.923 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VN061791.D

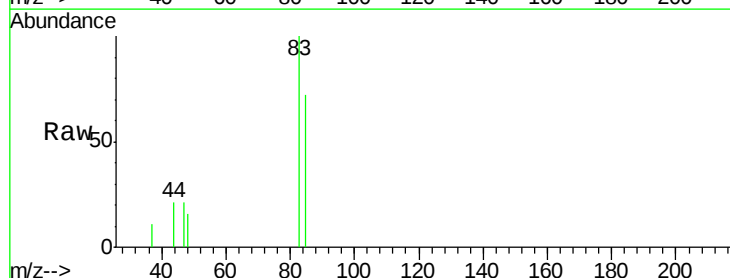
Acq: 12 Jun 2020 15:13

Tgt Ion: 83 Resp: 5127

Ion Ratio Lower Upper

83 100

85 71.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

2000

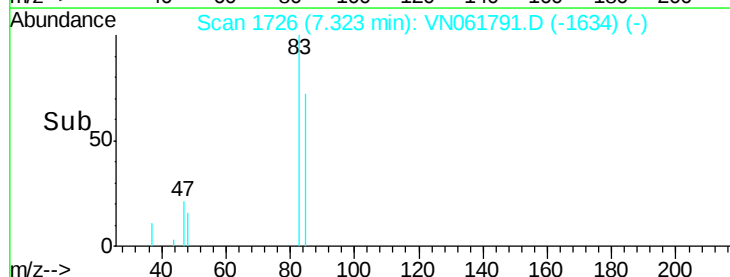
1500

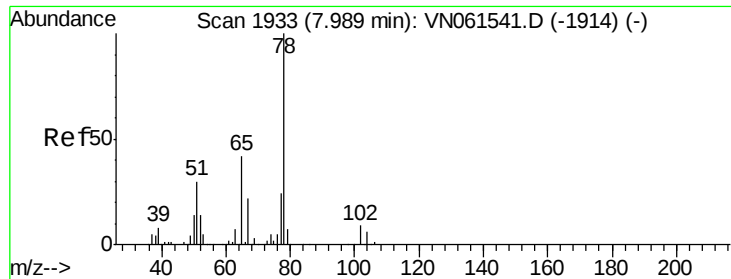
1000

500

0

Time--> 7.25 7.30 7.35 7.40





#33

1,2-Dichloroethane-d4

Concen: 47.198 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

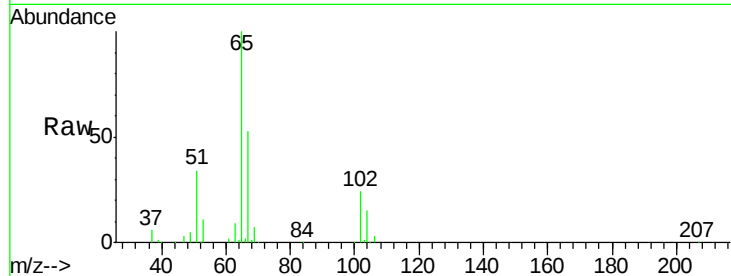
RE135D1-20200609

Tot Ion: 65 Resp: 151198

Ion Ratio Lower Upper

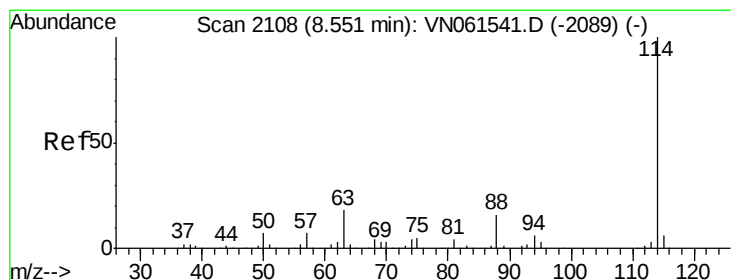
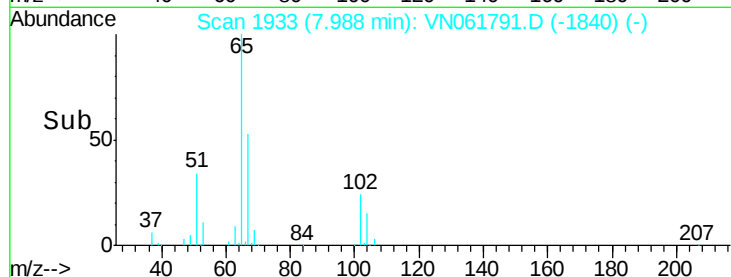
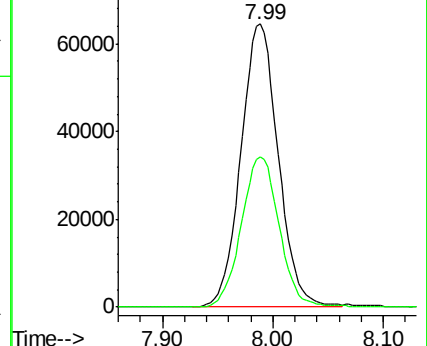
65 100

67 53.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

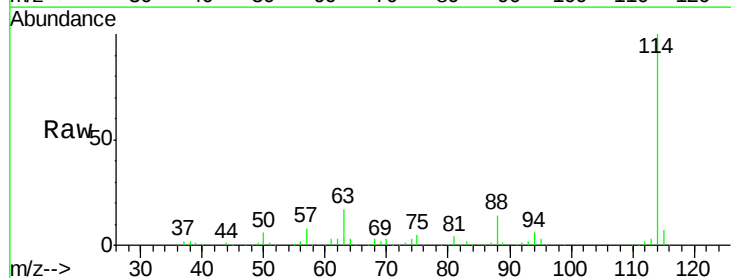
Tgt Ion: 114 Resp: 449852

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.8

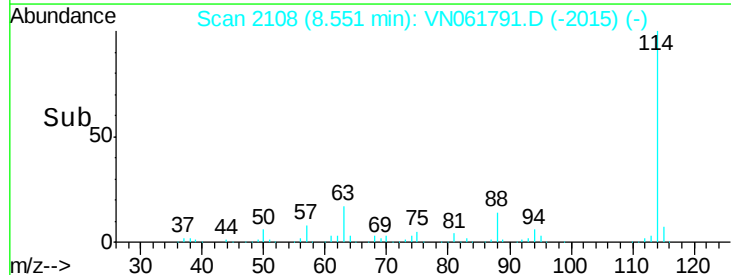
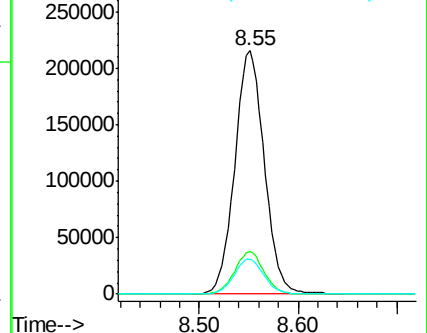
88 14.2 0.0 31.0

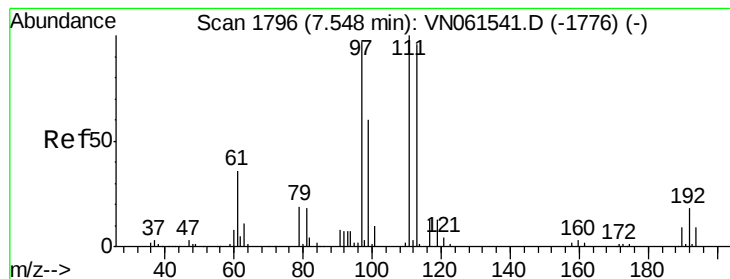


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 57.561 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

RE135D1-20200609

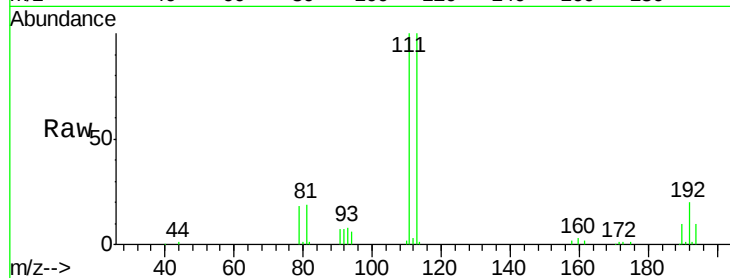
Tot Ion:113 Resp: 131354

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

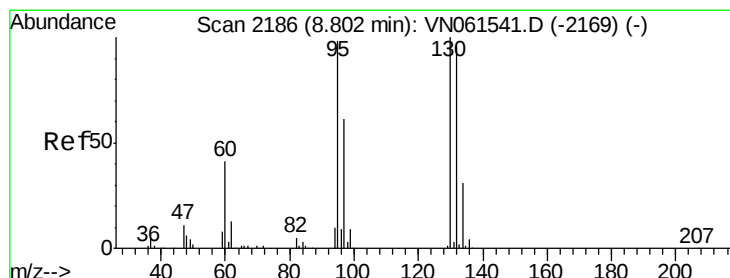
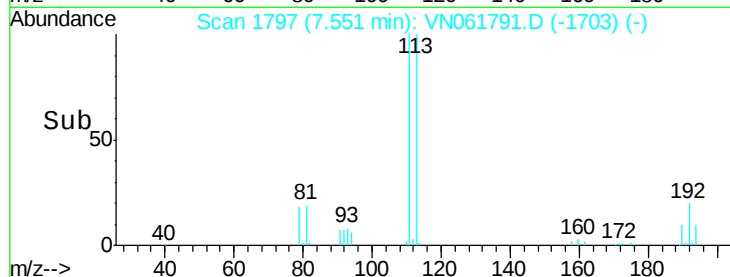
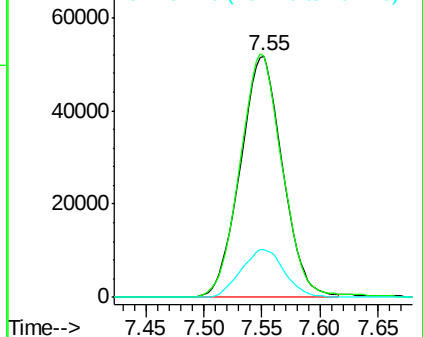
192 20.3 15.4 23.2



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



#44

Trichloroethene

Concen: 0.294 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN061791.D

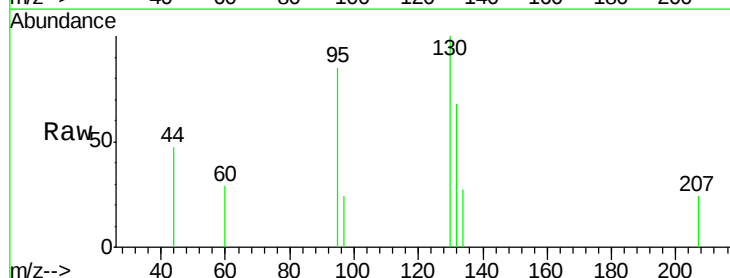
Acq: 12 Jun 2020 15:13

Tgt Ion:130 Resp: 1111

Ion Ratio Lower Upper

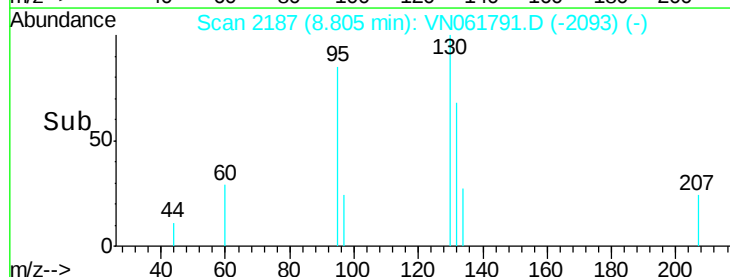
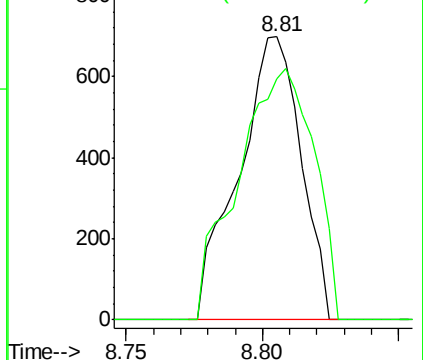
130 100

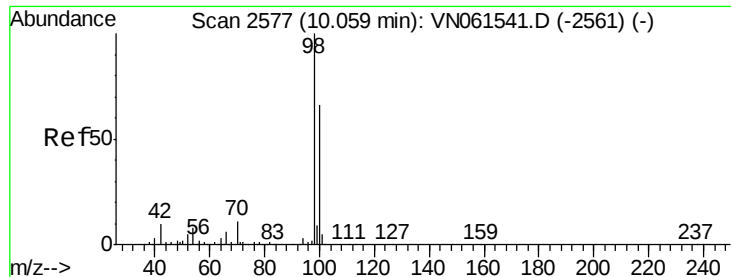
95 85.2 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.157 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

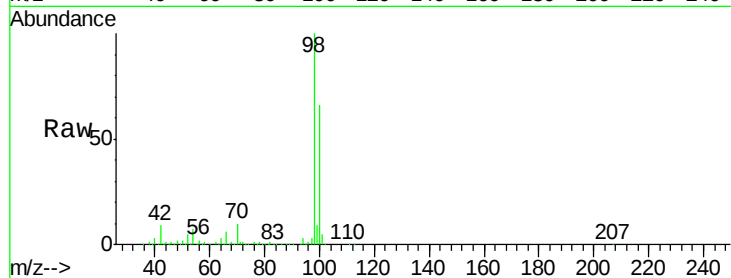
RE135D1-20200609

Tot Ion: 98 Resp: 540997

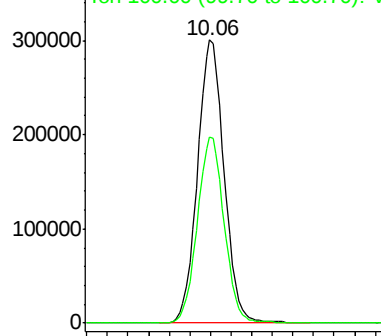
Ion Ratio Lower Upper

98 100

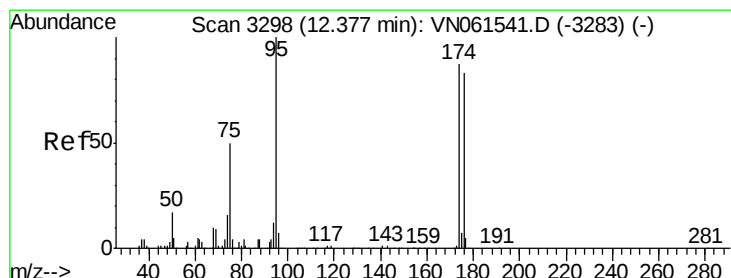
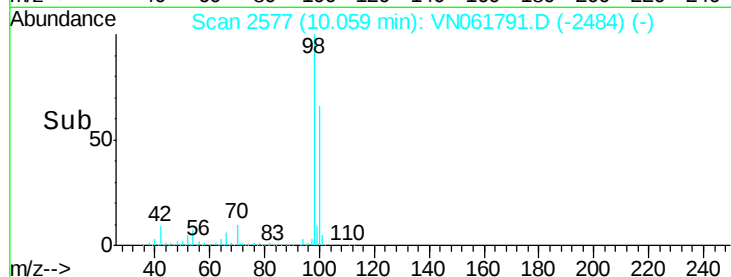
100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061791.D (-2484) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 48.657 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061791.D

Acq: 12 Jun 2020 15:13

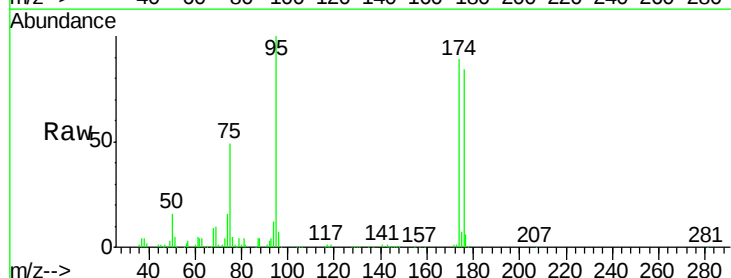
Tgt Ion: 95 Resp: 187728

Ion Ratio Lower Upper

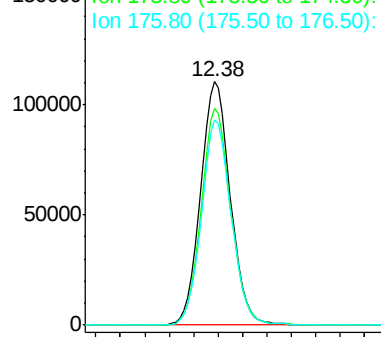
95 100

174 88.5 0.0 172.8

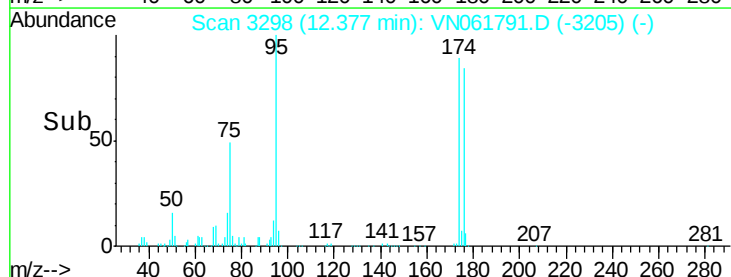
176 84.1 0.0 164.8

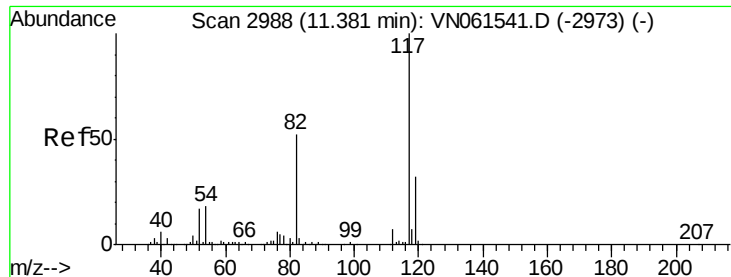


Abundance Ion 94.90 (94.60 to 95.60): VN061791.D (-3205) (-)



Time-->

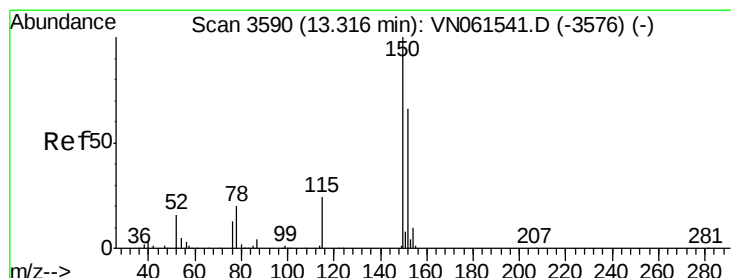
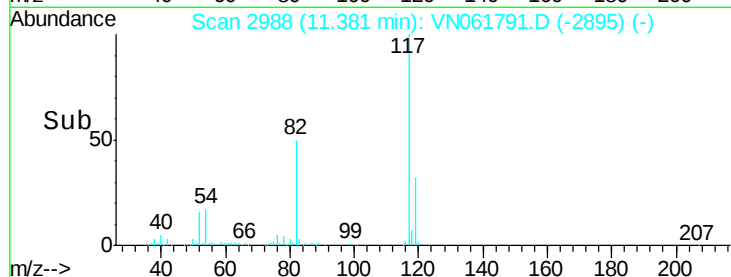
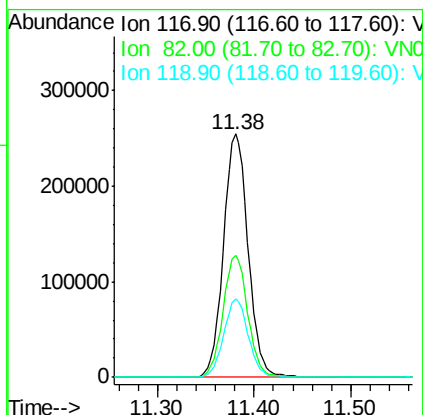
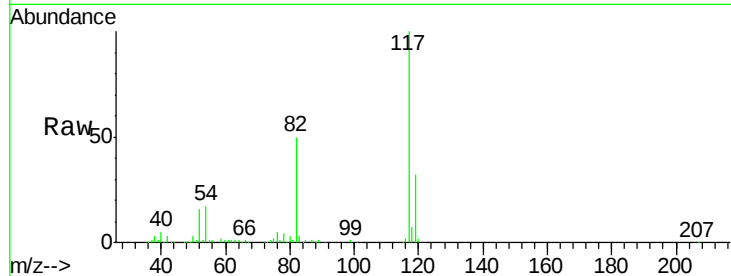




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
RE135D1-20200609

Tot Ion:117 Resp: 450239
Ion Ratio Lower Upper
117 100
82 50.3 41.5 62.3
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061791.D
Acq: 12 Jun 2020 15:13

Tgt Ion:152 Resp: 200399
Ion Ratio Lower Upper
152 100
115 56.5 28.0 84.0
150 157.4 0.0 344.0

