

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061795.D
 Acq On : 12 Jun 2020 16:47
 Operator : JC/MD
 Sample : L2989-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200609

Quant Time: Jun 13 06:44:18 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

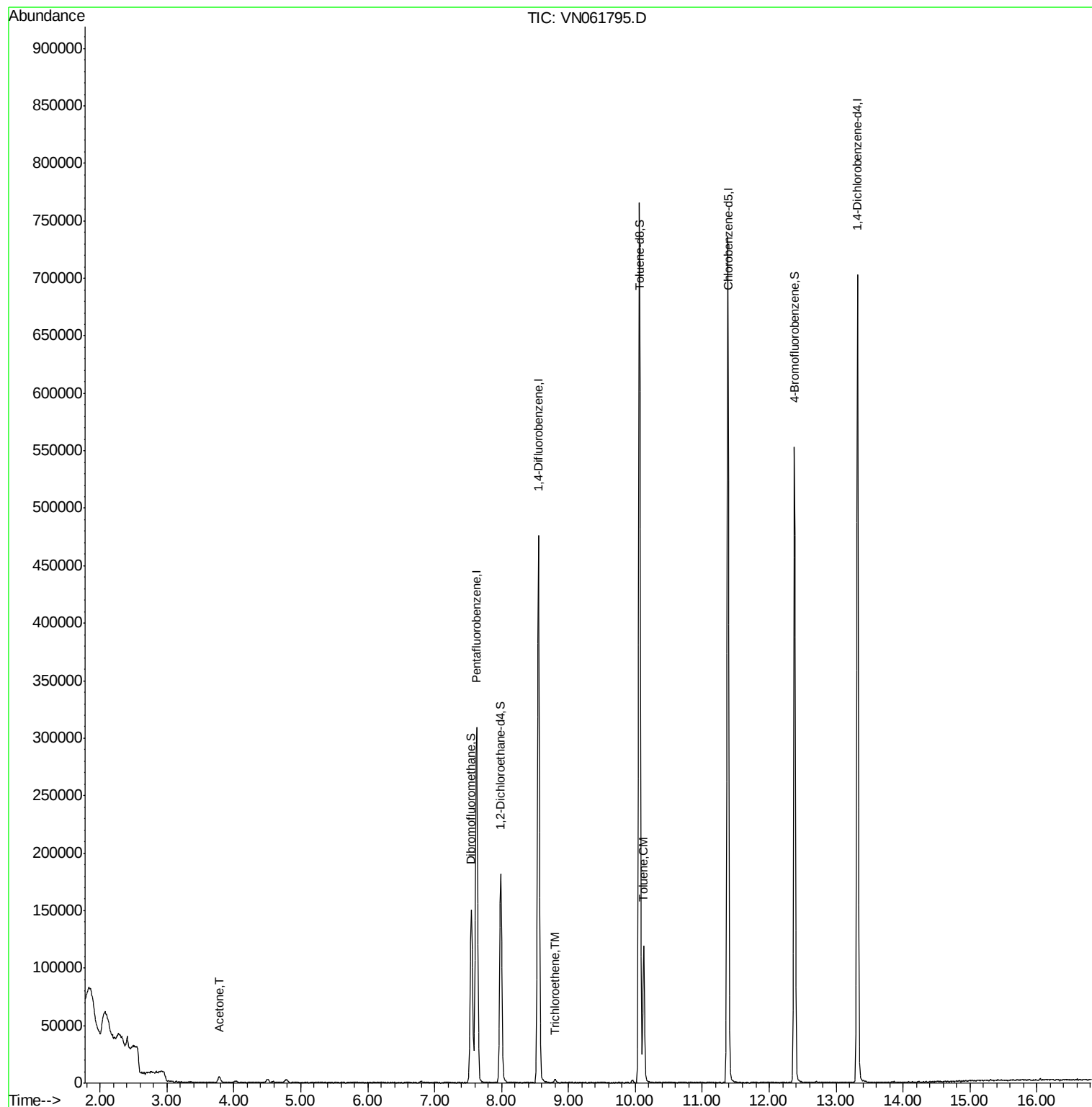
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152745	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	7.55	113	115447	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.06	98	553224	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.38	95	187502	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
16) Acetone	3.78	43	8620	3.681	ug/l #	88
44) Trichloroethene	8.80	130	1206	0.314	ug/l	72
52) Toluene	10.13	92	53488	6.558	ug/l	97

(#) = 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: VN061795.D

Acq: 12 Jun 2020 16:47

Instrument :

MSVOA_N

ClientSampleId :

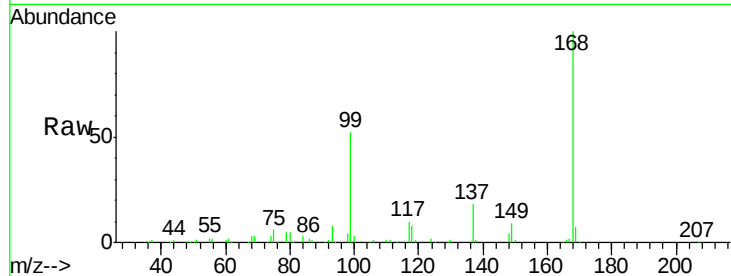
EB-20200609

Tot Ion:168 Resp: 268122

Ion Ratio Lower Upper

168 100

99 51.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061795.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061795.D (-1727) (-)

7.63

120000

100000

80000

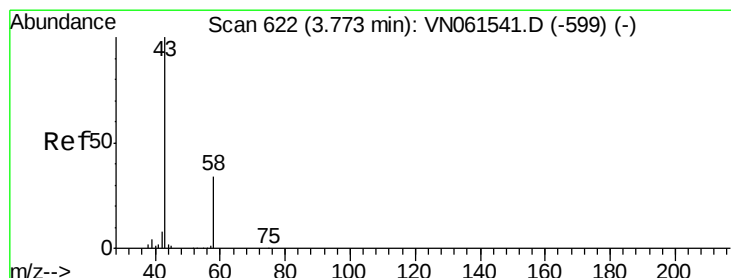
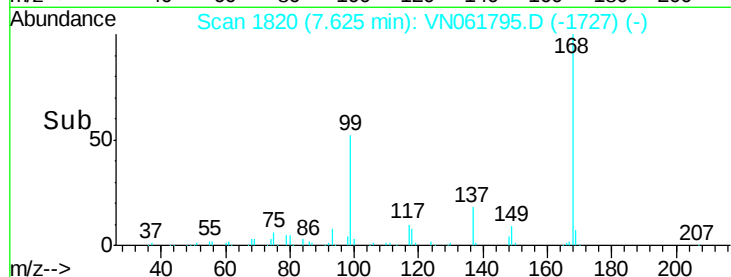
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.681 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061795.D

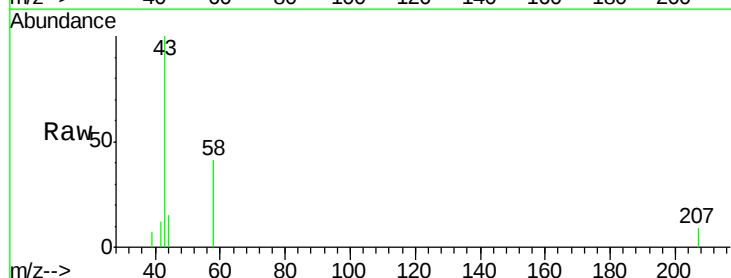
Acq: 12 Jun 2020 16:47

Tgt Ion: 43 Resp: 8620

Ion Ratio Lower Upper

43 100

58 40.9 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061795.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061795.D (-529) (-)

3.78

3000

2500

2000

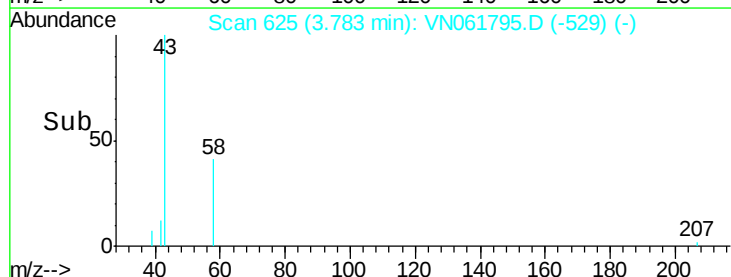
1500

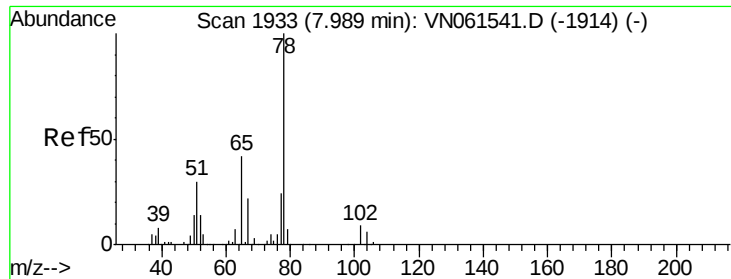
1000

500

0

Time--> 3.70 3.75 3.80 3.85

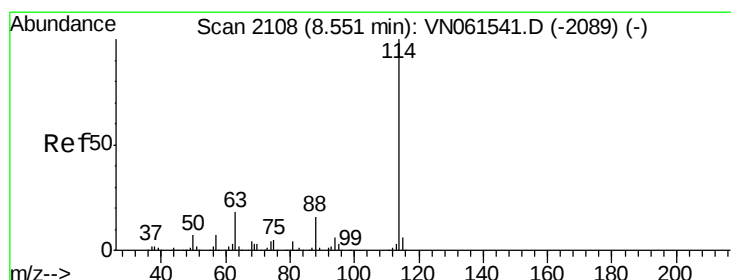
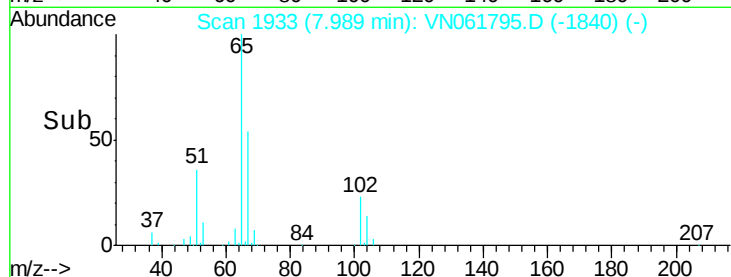
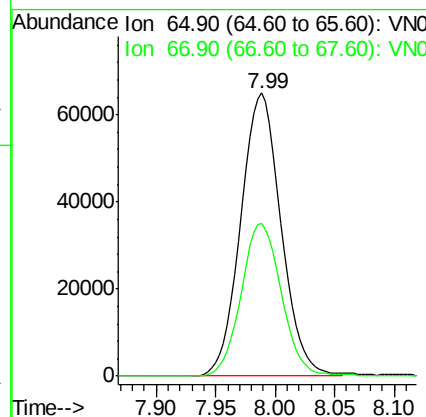
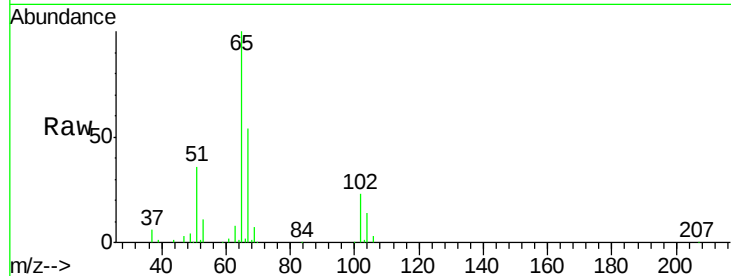




#33
 1,2-Dichloroethane-d4
 Concen: 47.815 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061795.D
 Acq: 12 Jun 2020 16:47

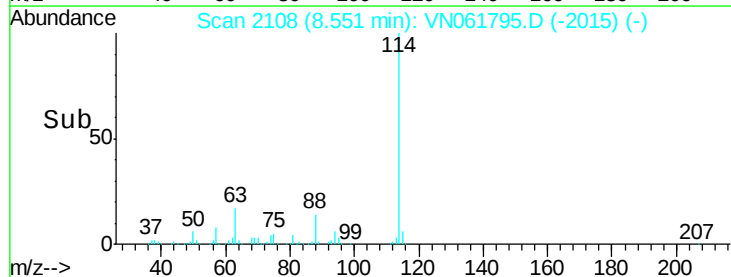
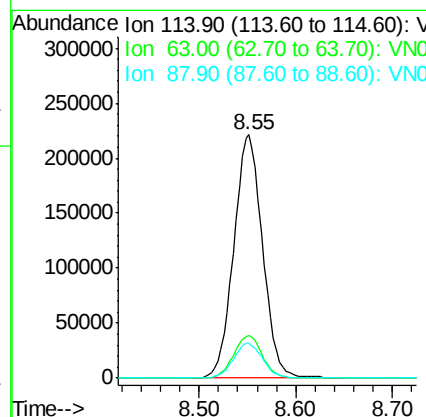
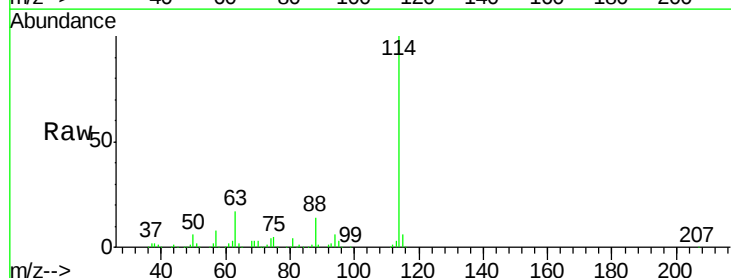
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200609

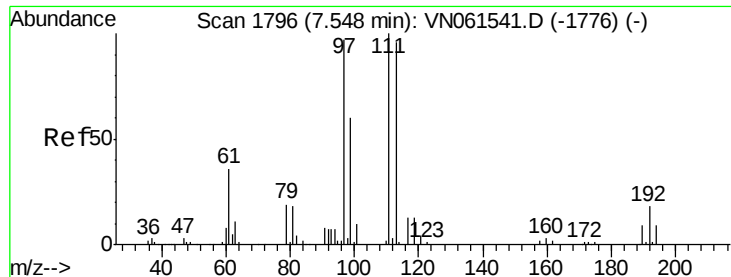
Tot Ion: 65 Resp: 152745
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061795.D
 Acq: 12 Jun 2020 16:47

Tgt Ion: 114 Resp: 457502
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.3 0.0 31.0

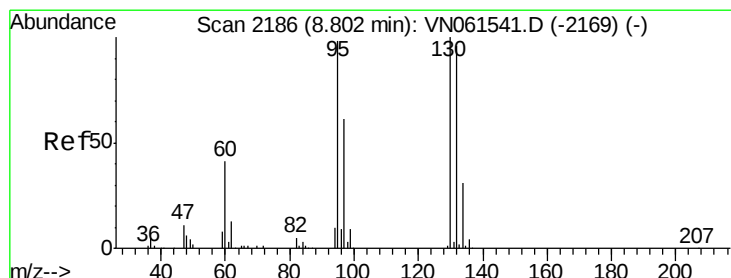
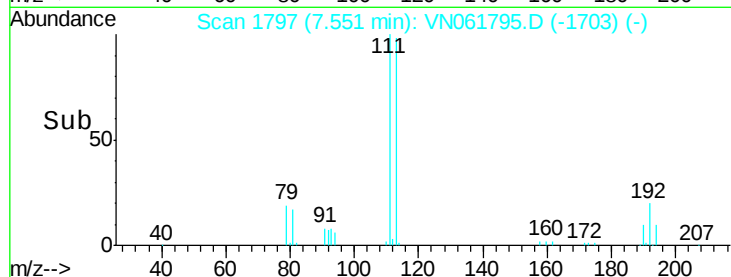
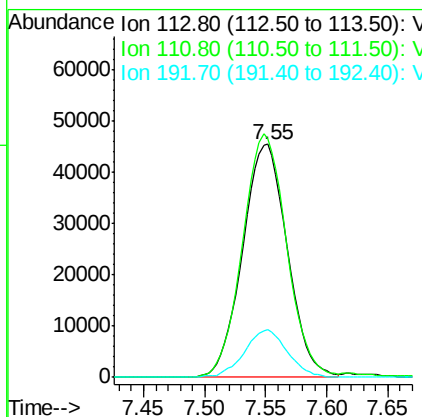
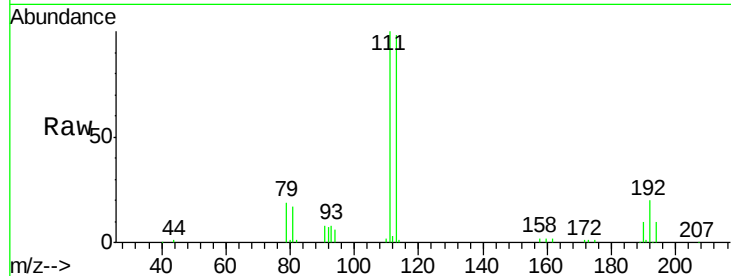




#35
 Dibromofluoromethane
 Concen: 49.744 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061795.D
 Acq: 12 Jun 2020 16:47

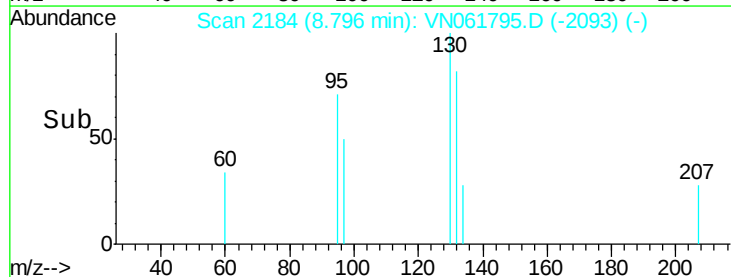
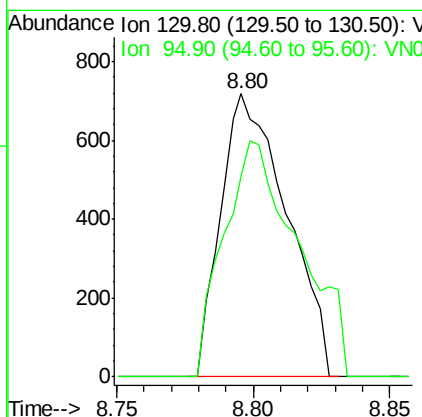
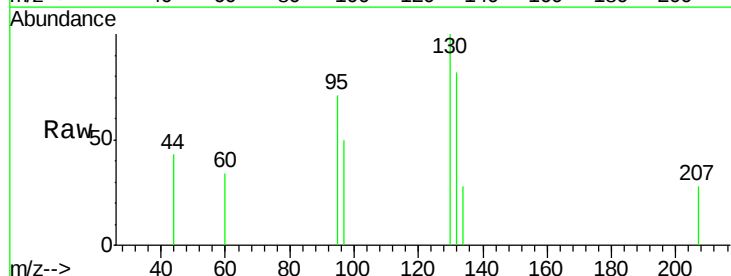
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200609

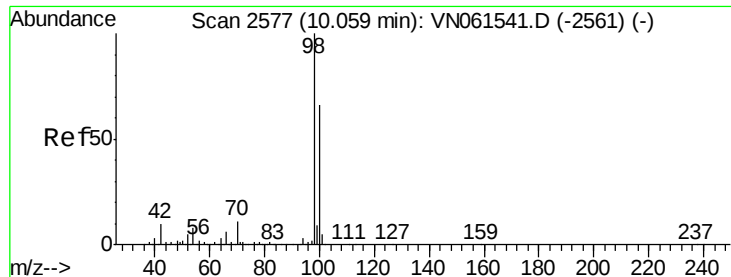
Tot Ion:113 Resp: 115447
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 19.6 15.4 23.2



#44
 Trichloroethene
 Concen: 0.314 ug/l
 RT: 8.80 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: VN061795.D
 Acq: 12 Jun 2020 16:47

Tgt Ion:130 Resp: 1206
 Ion Ratio Lower Upper
 130 100
 95 70.6 0.0 196.6





#50

Toluene-d8

Concen: 51.439 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061795.D

Acq: 12 Jun 2020 16:47

Instrument :

MSVOA_N

ClientSampleId :

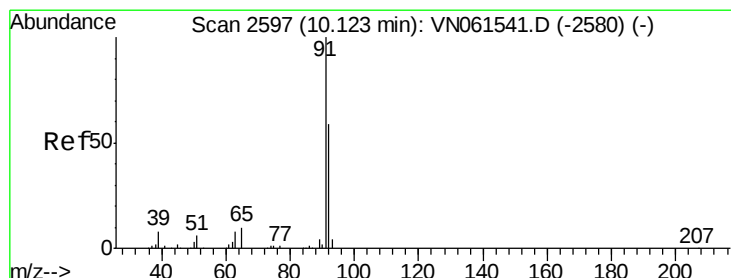
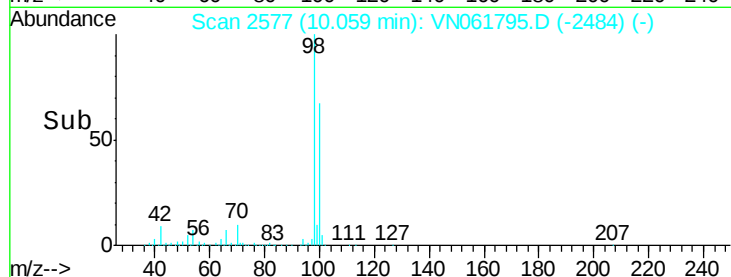
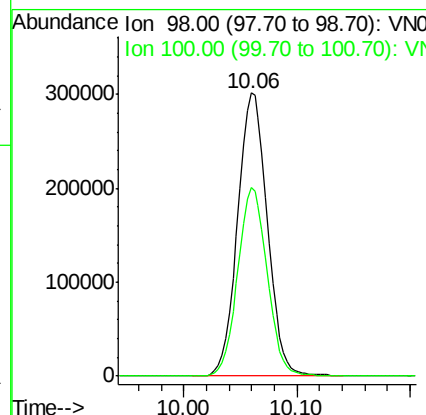
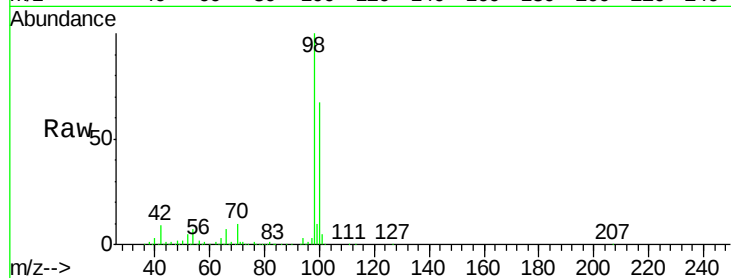
EB-20200609

Tot Ion: 98 Resp: 553224

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



#52

Toluene

Concen: 6.558 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061795.D

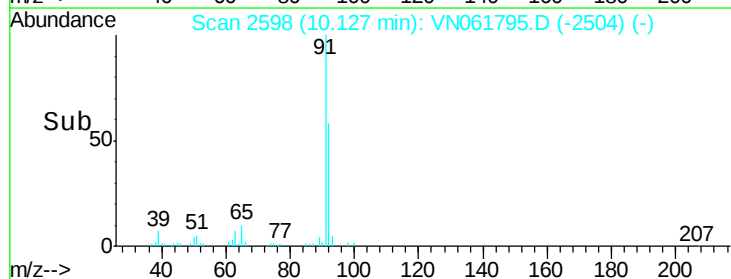
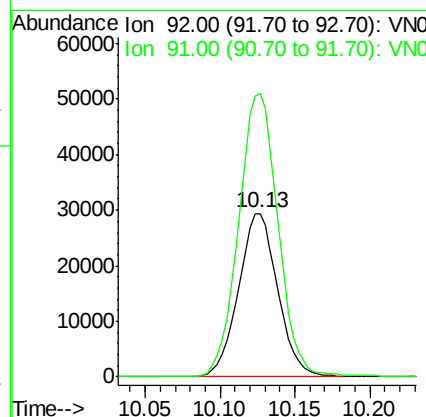
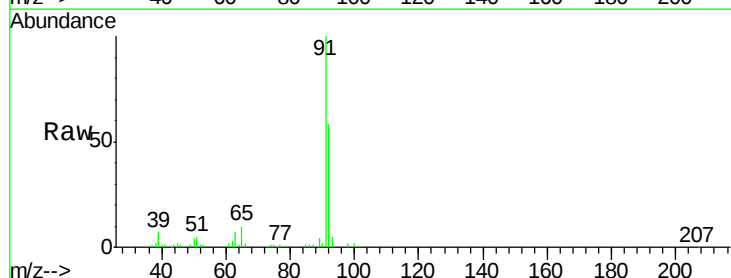
Acq: 12 Jun 2020 16:47

Tgt Ion: 92 Resp: 53488

Ion Ratio Lower Upper

92 100

91 175.1 136.4 204.6

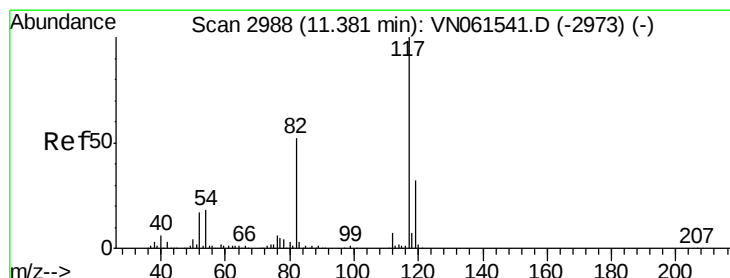
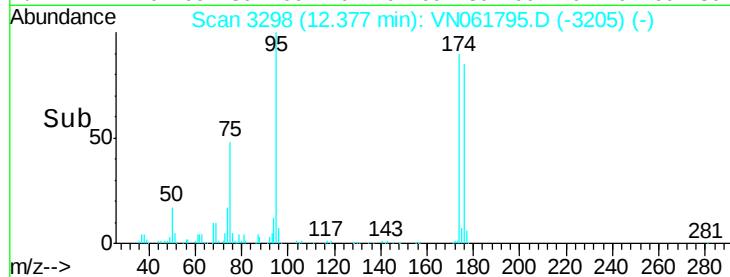
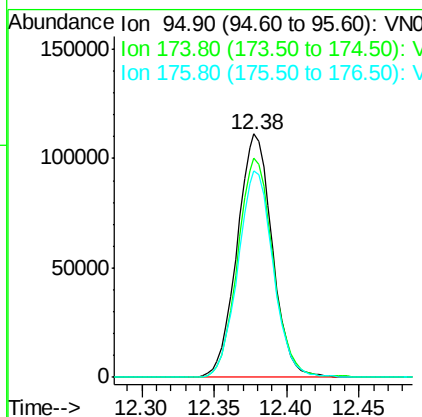
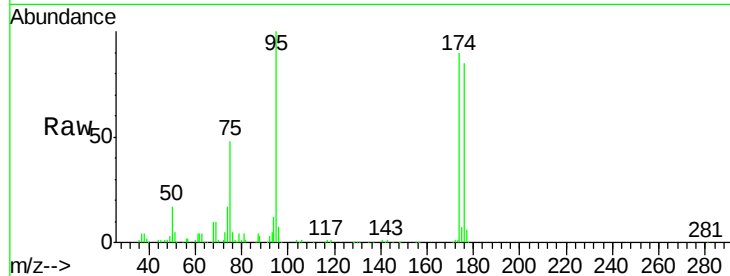




#62
4-Bromofluorobenzene
Concen: 47.786 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061795.D
Acq: 12 Jun 2020 16:47

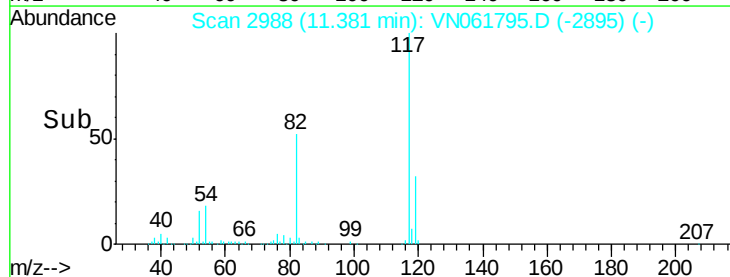
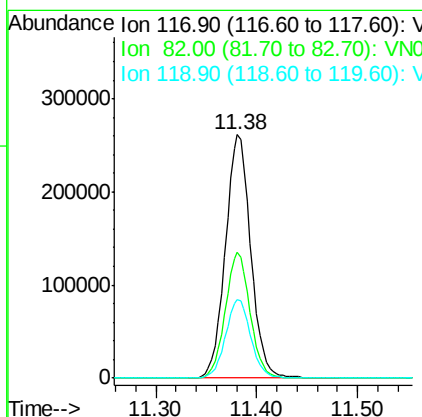
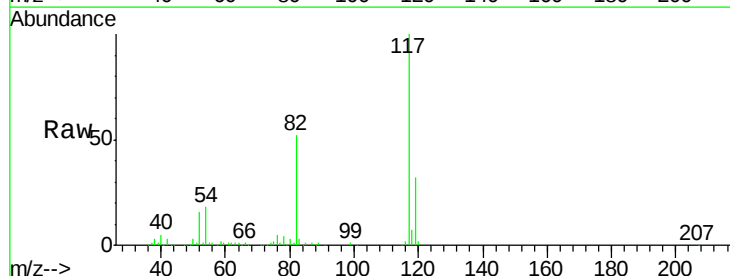
Instrument :
MSVOA_N
ClientSampled :
EB-20200609

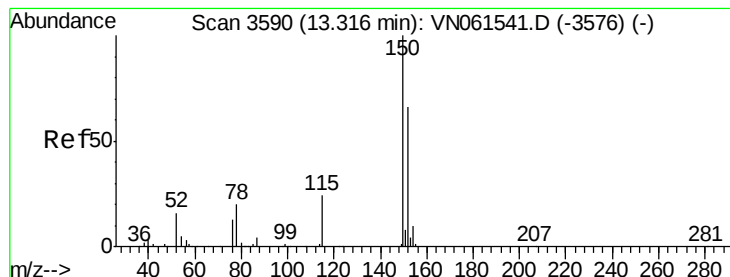
Tot Ion	95	Resp	187502
Ion Ratio	Lower	Upper	
95	100		
174	90.7	0.0	172.8
176	85.1	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061795.D
Acq: 12 Jun 2020 16:47

Tgt Ion	117	Resp	457791
Ion Ratio	Lower	Upper	
117	100		
82	51.5	41.5	62.3
119	32.4	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: VN061795.D

Acq: 12 Jun 2020 16:47

Instrument :

MSVOA_N

ClientSampleId :

EB-20200609

Tot Ion:152 Resp: 205243

Ion Ratio Lower Upper

152 100

115 55.2 28.0 84.0

150 155.9 0.0 344.0

