

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061135.D
 Acq On : 22 Apr 2020 18:24
 Operator : JC/MD
 Sample : L2271-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-2020-04-13

Quant Time: Apr 23 08:06:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

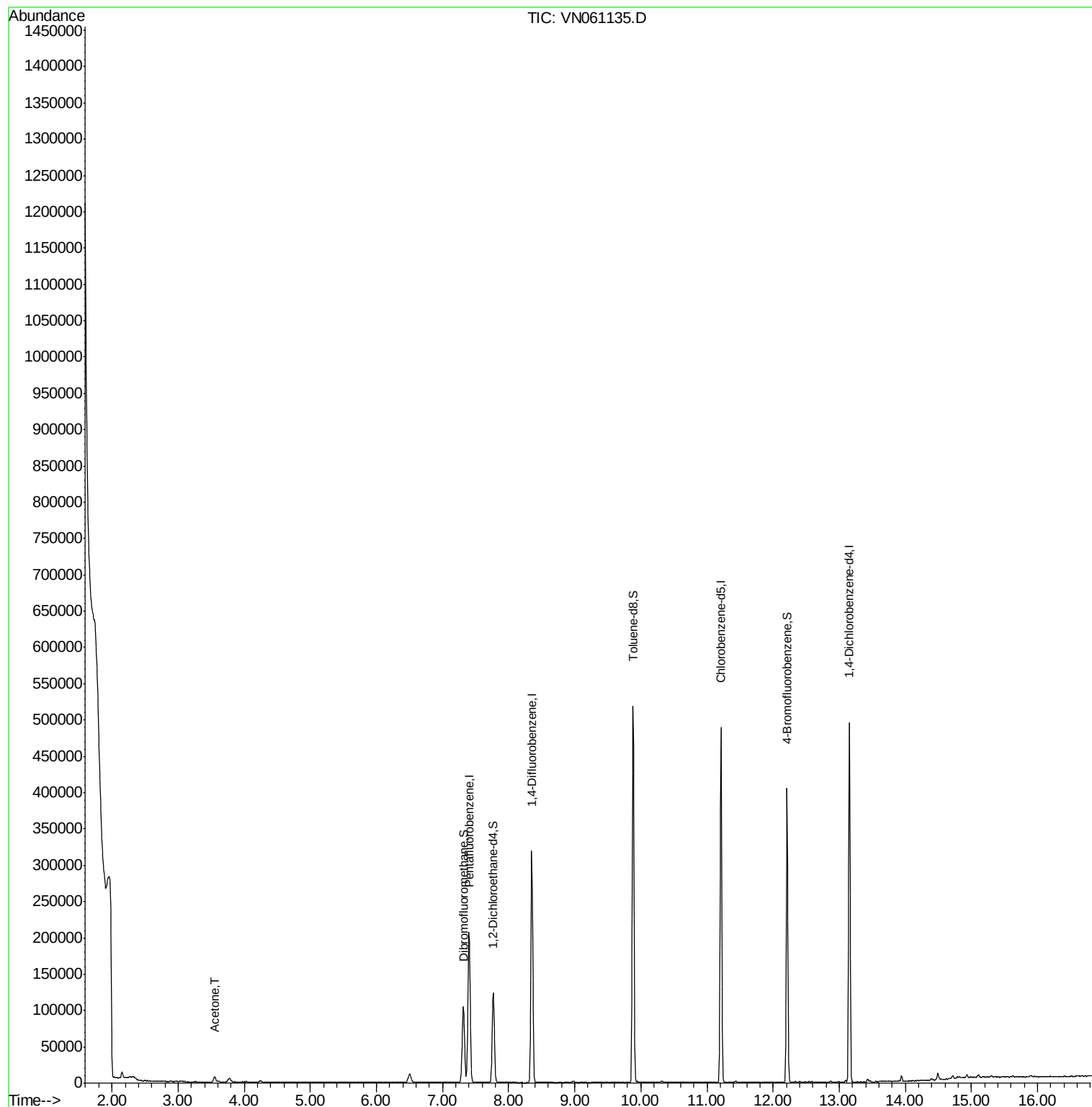
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	174576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	284000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	267185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	125007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	106971	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	7.32	113	80573	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	9.88	98	343276	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.21	95	132544	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
Target Compounds						
16) Acetone	3.55	43	12466	2.011	ug/l	Qvalue 100

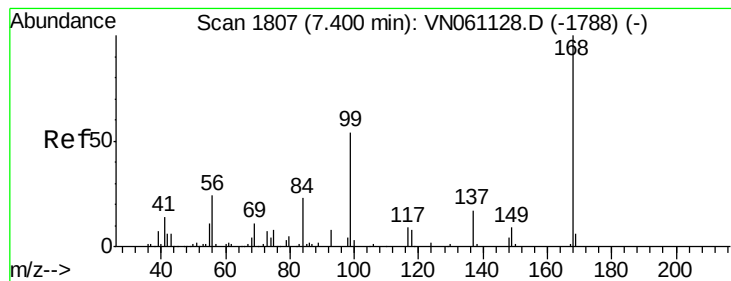
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.00 min

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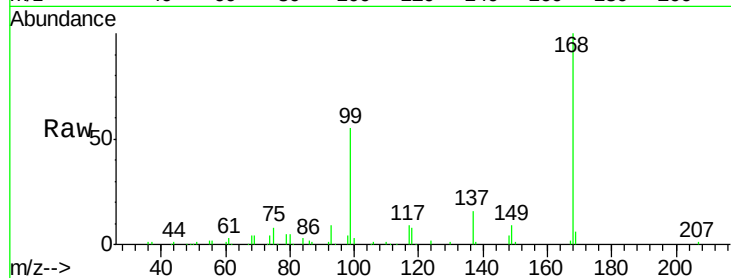
FB-2020-04-13

Tot Ion:168 Resp: 174576

Ion Ratio Lower Upper

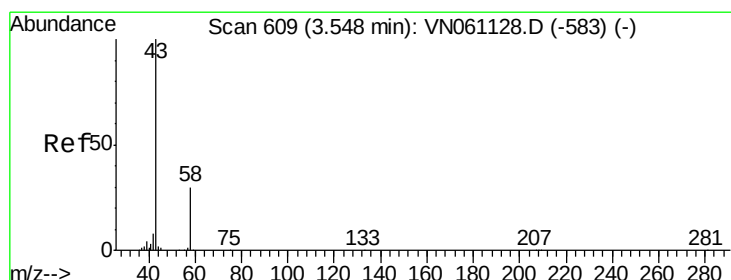
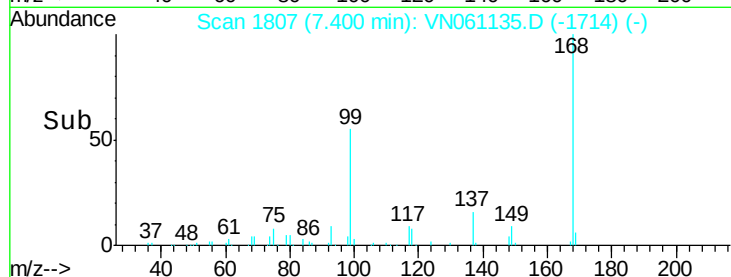
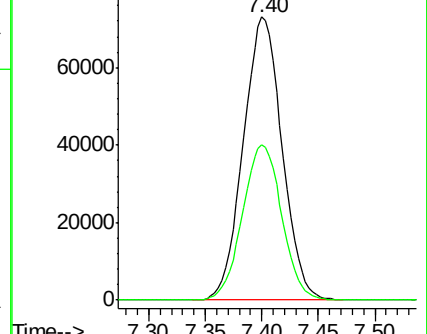
168 100

99 54.7 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 2.011 ug/l

RT: 3.55 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN061135.D

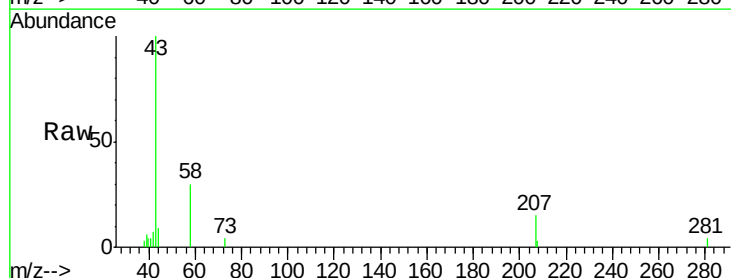
Acq: 22 Apr 2020 18:24

Tgt Ion: 43 Resp: 12466

Ion Ratio Lower Upper

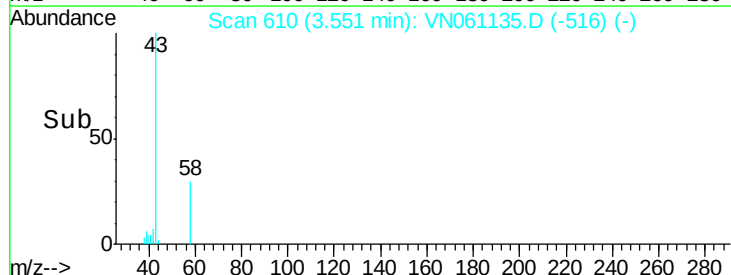
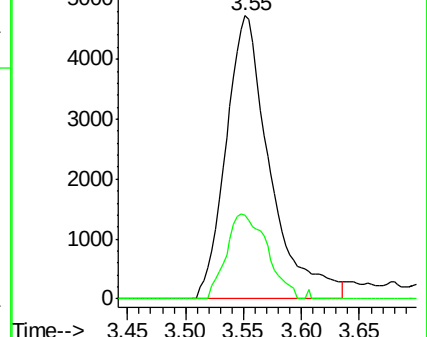
43 100

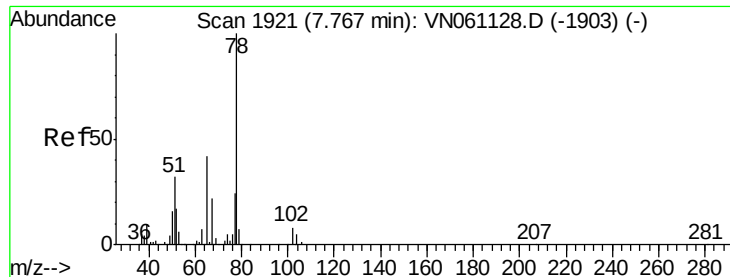
58 29.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 46.211 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VN061135.D

Acq: 22 Apr 2020 18:24

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ClientSampleId :

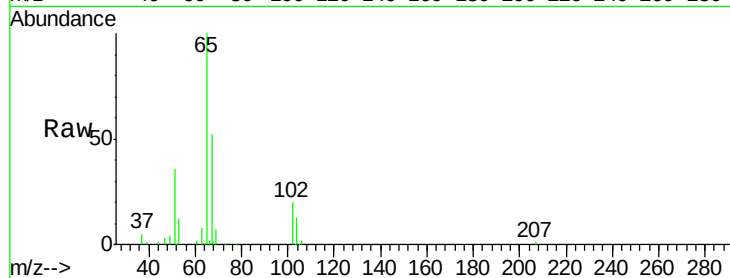
FB-2020-04-13

Tot Ion: 65 Resp: 106971

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN061135.D (-1828) (-)

Ion 66.90 (66.60 to 67.60): VN061135.D (-1828) (-)

7.77

50000

40000

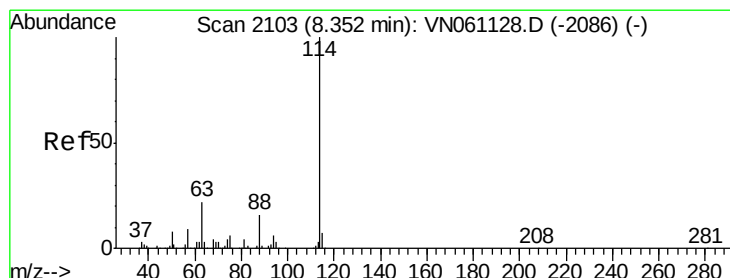
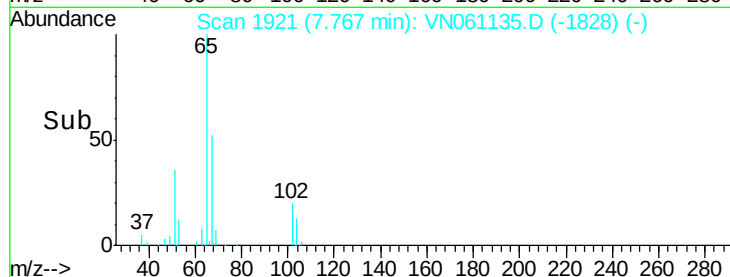
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.35 min Scan# 2103

Delta R.T. -0.00 min

Lab File: VN061135.D

Acq: 22 Apr 2020 18:24

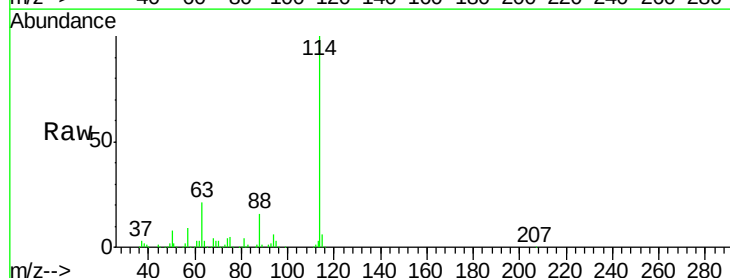
Tgt Ion: 114 Resp: 284000

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.8 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VN061135.D (-2010) (-)

Ion 63.00 (62.70 to 63.70): VN061135.D (-2010) (-)

Ion 87.90 (87.60 to 88.60): VN061135.D (-2010) (-)

8.35

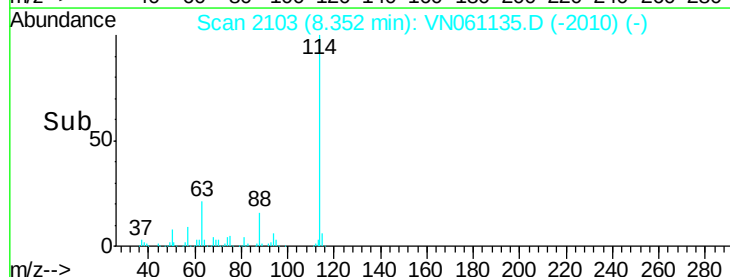
150000

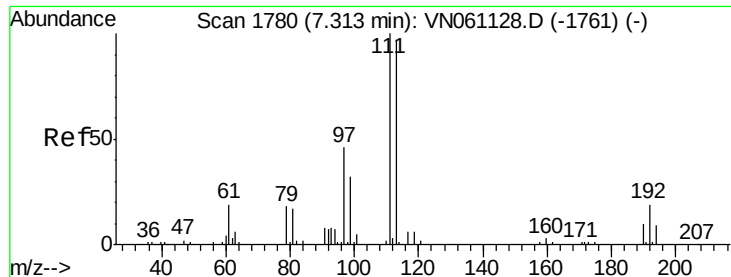
100000

50000

0

Time-->

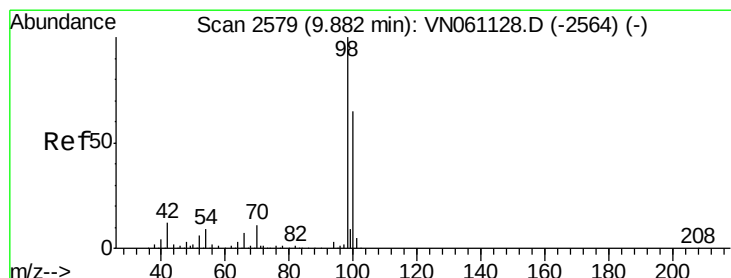
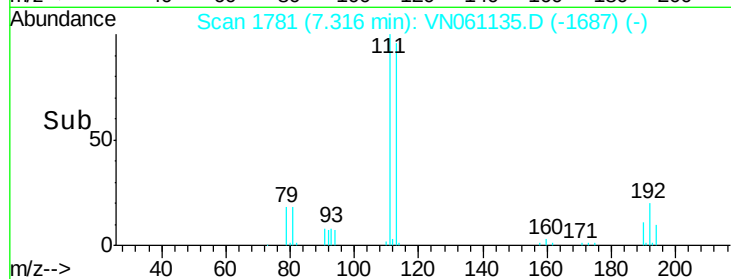
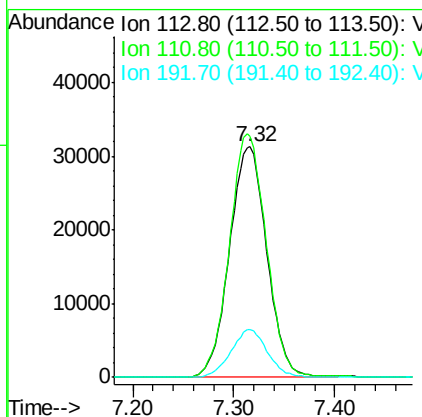
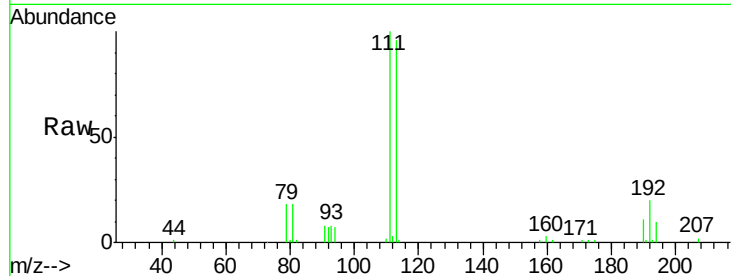




#35
 Dibromofluoromethane
 Concen: 49.713 ug/l
 RT: 7.32 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: VN061135.D
 Acq: 22 Apr 2020 18:24

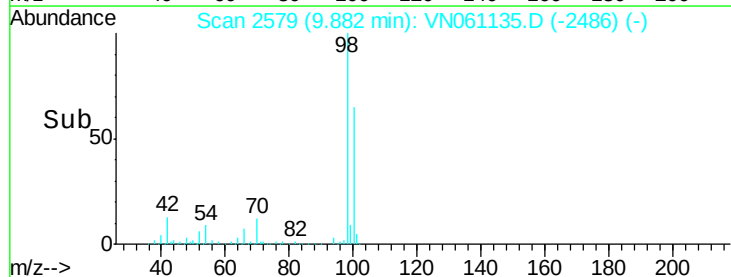
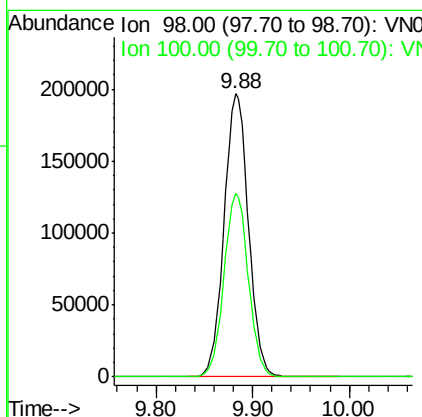
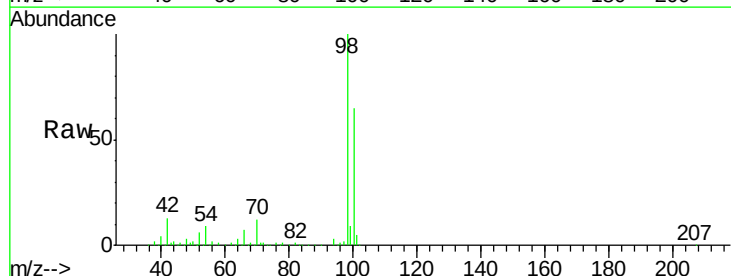
Instrument :
 MSVOA_N
 ClientSampled :
 FB-2020-04-13

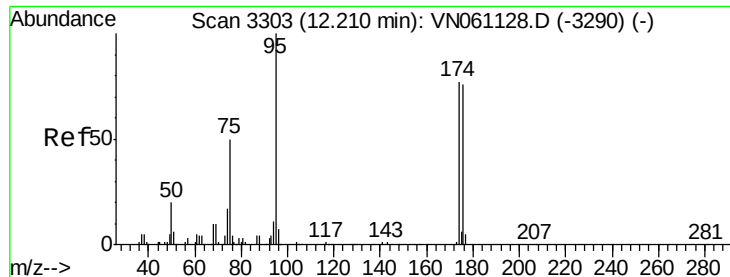
Tot Ion:113 Resp: 80573
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.6
 192 20.0 15.8 23.6



#50
 Toluene-d8
 Concen: 49.426 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. -0.00 min
 Lab File: VN061135.D
 Acq: 22 Apr 2020 18:24

Tgt Ion: 98 Resp: 343276
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.8 77.6

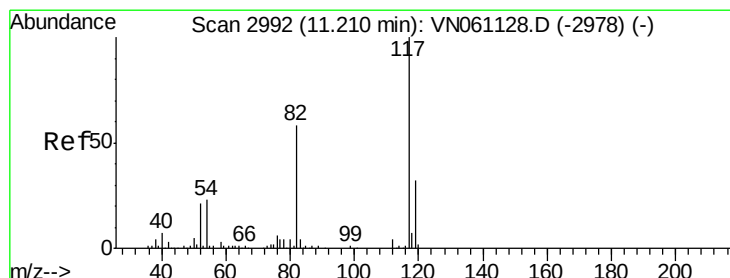
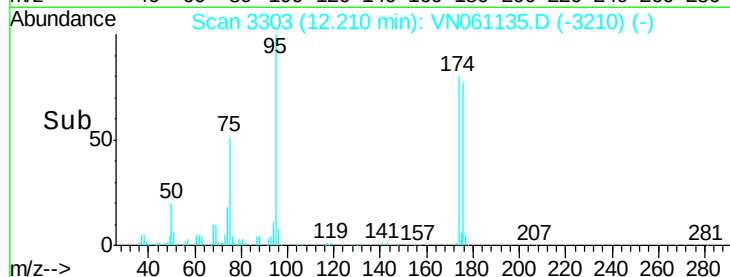
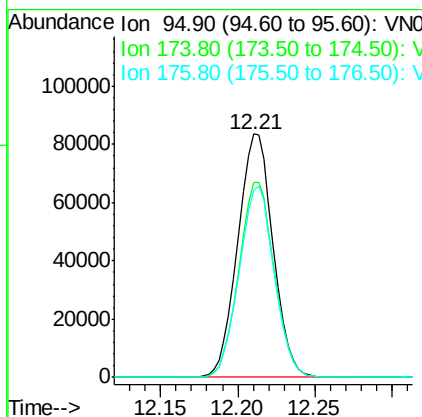
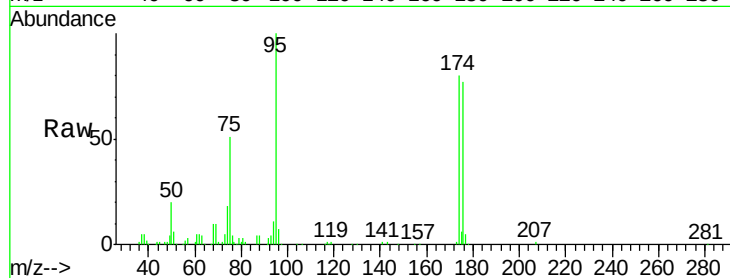




#62
4-Bromofluorobenzene
Concen: 50.957 ug/l
RT: 12.21 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN061135.D
Acq: 22 Apr 2020 18:24

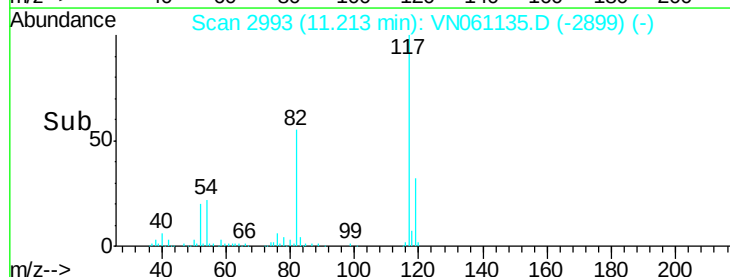
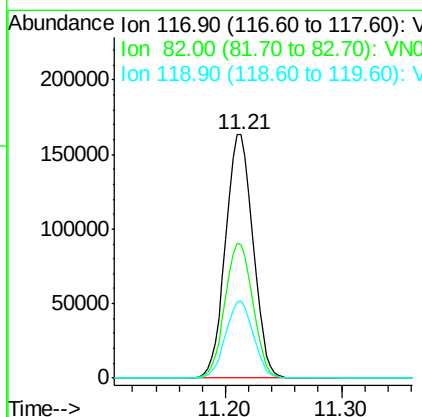
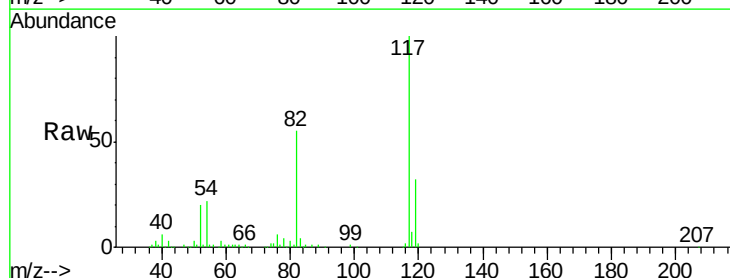
Instrument :
MSVOA_N
ClientSampled :
FB-2020-04-13

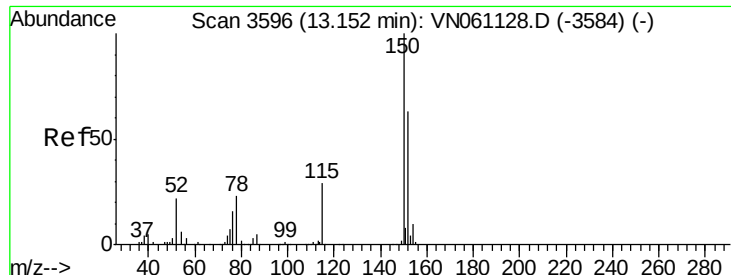
Tot Ion: 95 Resp: 132544
Ion Ratio Lower Upper
95 100
174 80.4 0.0 157.6
176 78.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061135.D
Acq: 22 Apr 2020 18:24

Tgt Ion: 117 Resp: 267185
Ion Ratio Lower Upper
117 100
82 54.9 46.0 69.0
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061135.D

Acq: 22 Apr 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

FB-2020-04-13

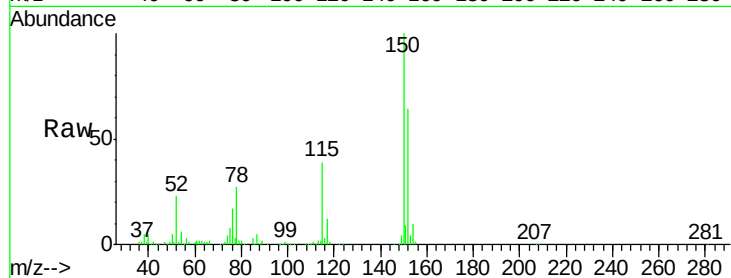
Tot Ion:152 Resp: 125007

Ion Ratio Lower Upper

152 100

115 58.9 29.8 89.5

150 156.7 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

