

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059807.D
 Acq On : 21 Jan 2020 13:21
 Operator : JC/MD
 Sample : L1004-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-012020

Quant Time: Jan 22 03:23:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

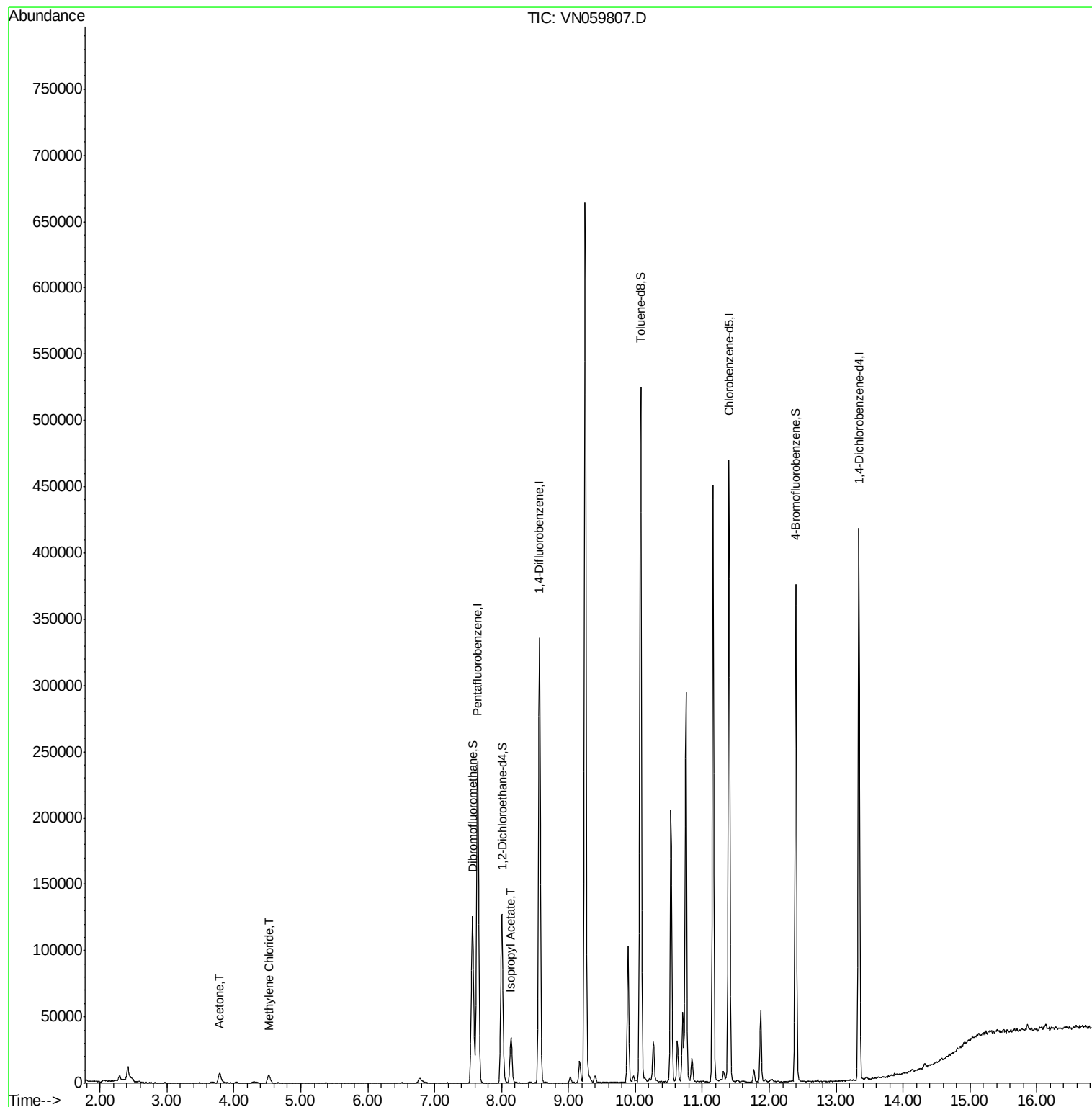
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109580	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	7.56	113	94234	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.08	98	367185	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	123370	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
16) Acetone	3.79	43	13341	7.083	ug/l	99
20) Methylene Chloride	4.53	84	5149	1.182	ug/l #	79
43) Isopropyl Acetate	8.14	43	41777	9.498	ug/l #	92

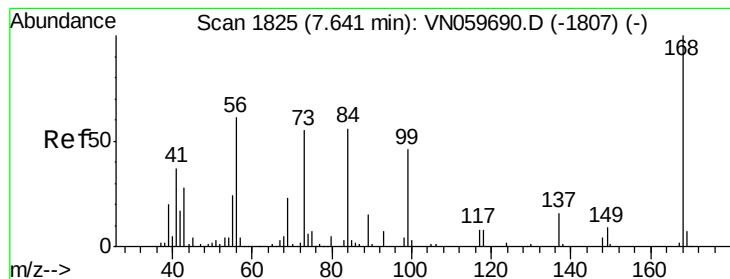
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059807.D

Acq: 21 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

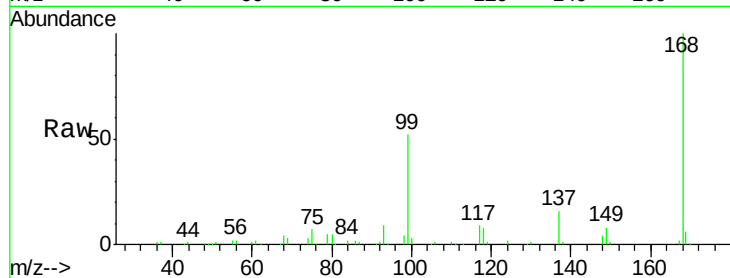
BU-03-012020

Tot Ion:168 Resp: 209533

Ion Ratio Lower Upper

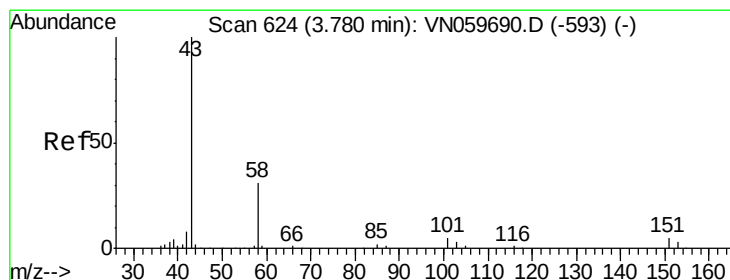
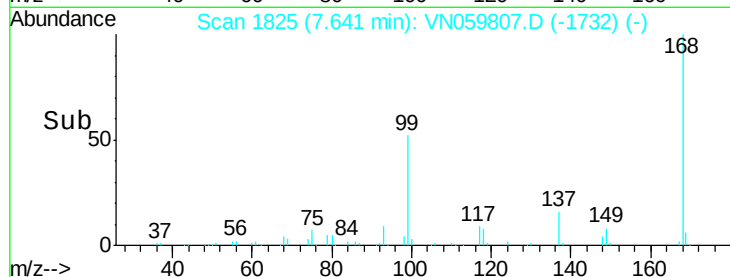
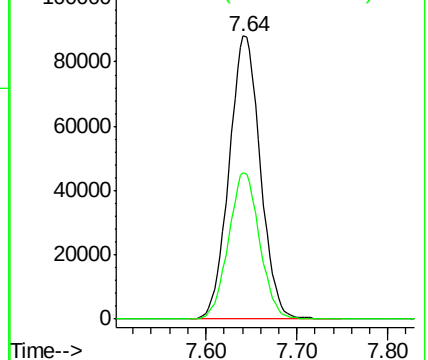
168 100

99 51.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059807.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059807.D (-1732) (-)



#16

Acetone

Concen: 7.083 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059807.D

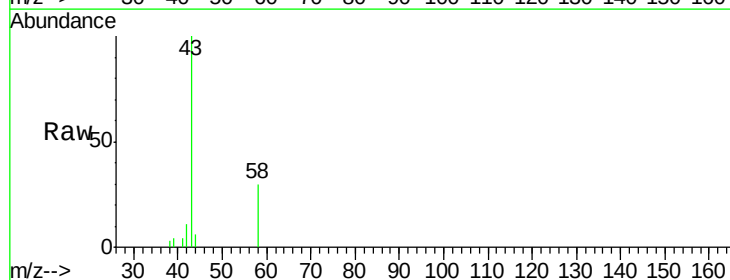
Acq: 21 Jan 2020 13:21

Tgt Ion: 43 Resp: 13341

Ion Ratio Lower Upper

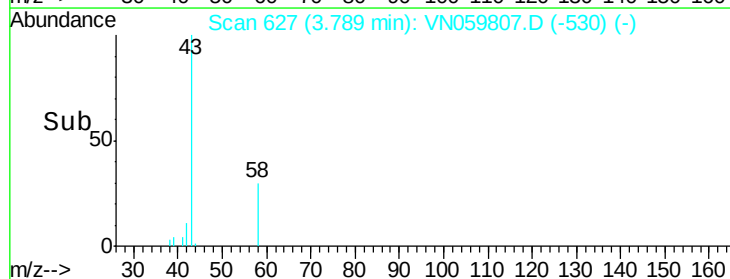
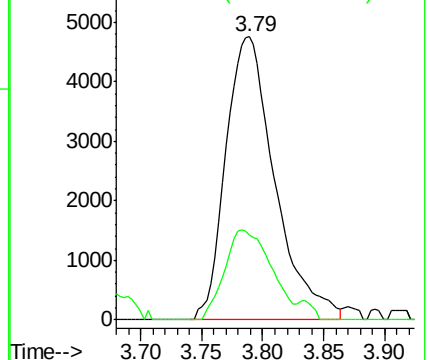
43 100

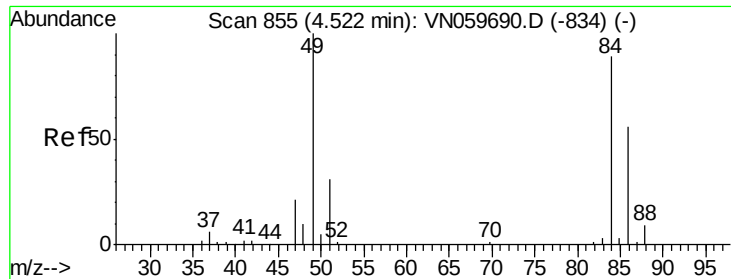
58 29.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059807.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059807.D (-530) (-)

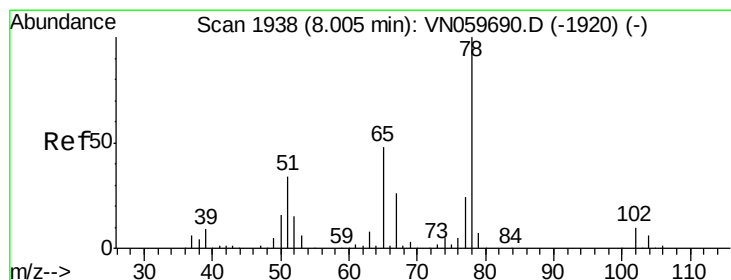
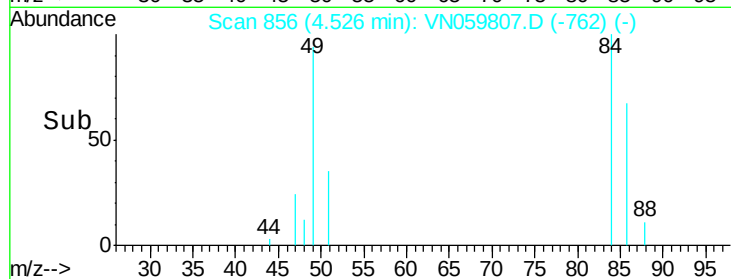
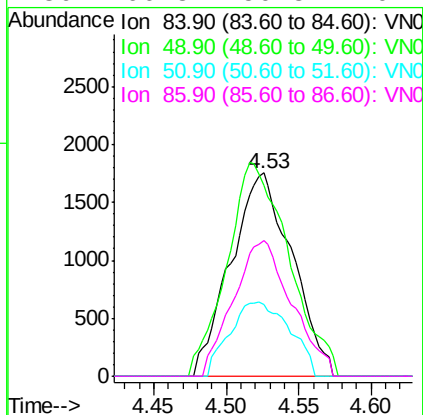
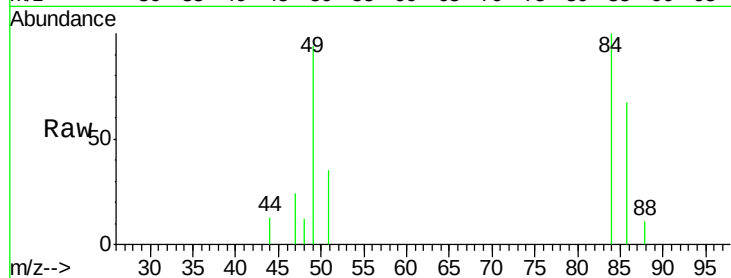




#20
Methylene Chloride
Concen: 1.182 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059807.D
Acq: 21 Jan 2020 13:21

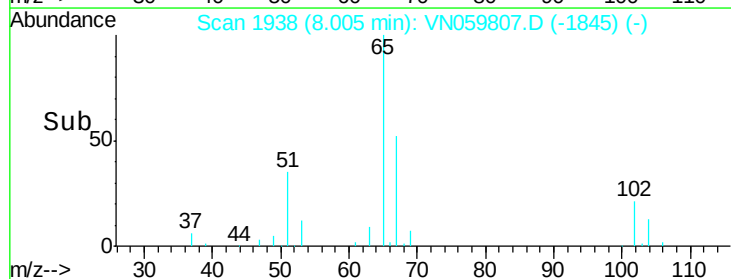
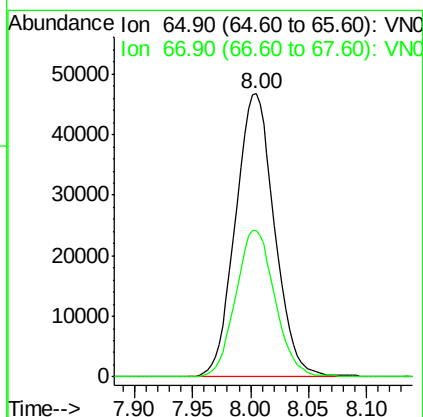
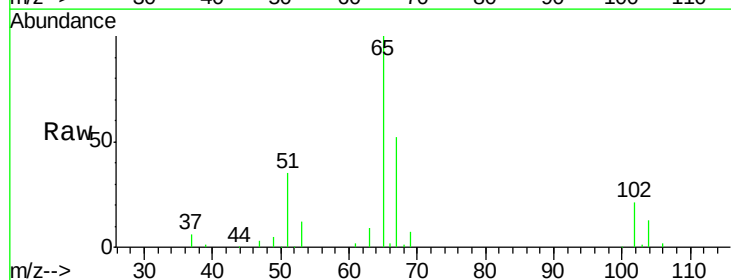
Instrument :
MSVOA_N
ClientSampled :
BU-03-012020

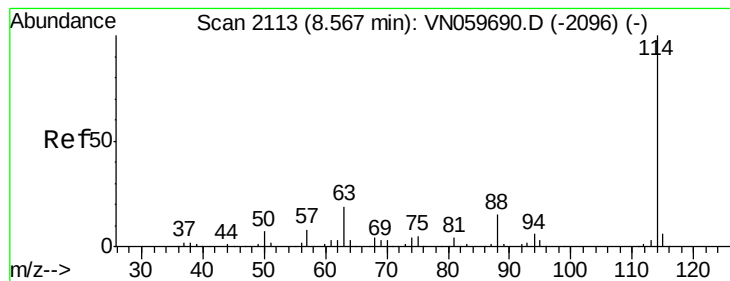
Tot Ion: 84 Resp: 5149
Ion Ratio Lower Upper
84 100
49 93.7 106.6 160.0#
51 35.3 31.9 47.9
86 66.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.092 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059807.D
Acq: 21 Jan 2020 13:21

Tgt Ion: 65 Resp: 109580
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059807.D

Acq: 21 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

BU-03-012020

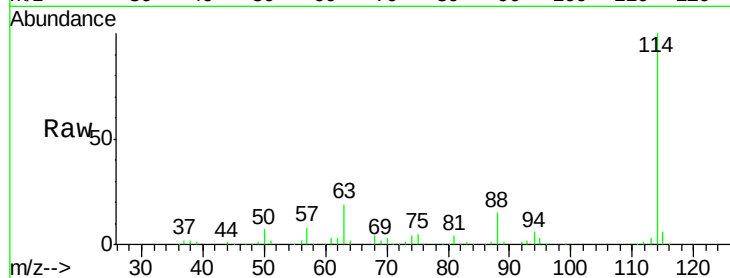
Tot Ion:114 Resp: 313088

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

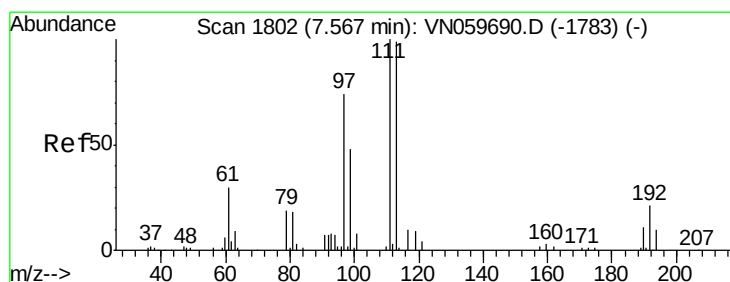
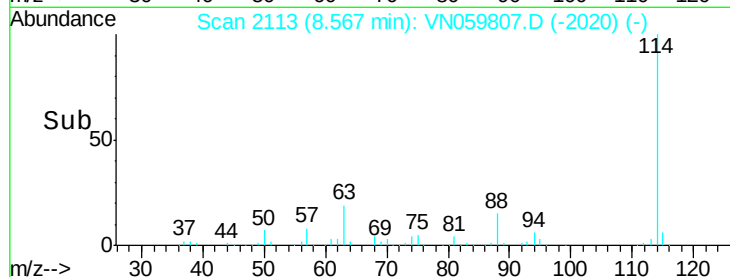
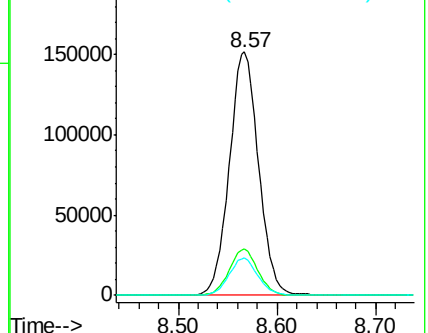
88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.471 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059807.D

Acq: 21 Jan 2020 13:21

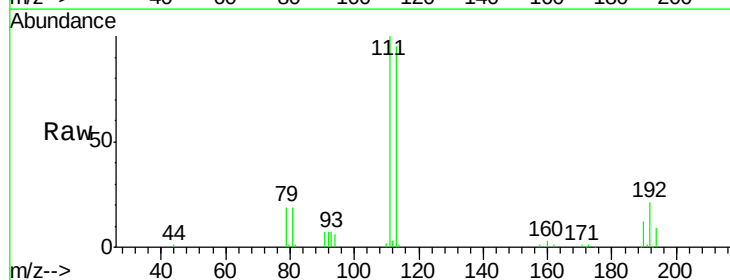
Tgt Ion:113 Resp: 94234

Ion Ratio Lower Upper

113 100

111 104.7 83.5 125.3

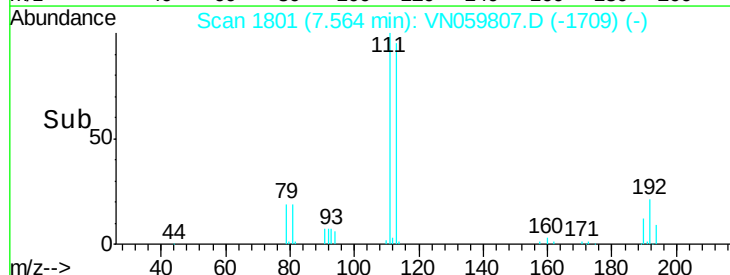
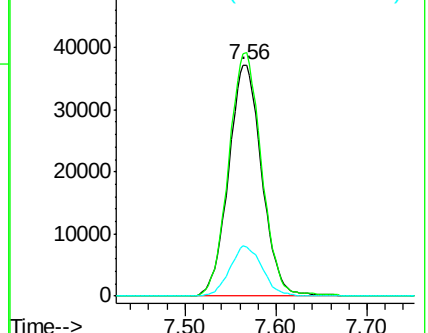
192 21.3 15.4 23.2

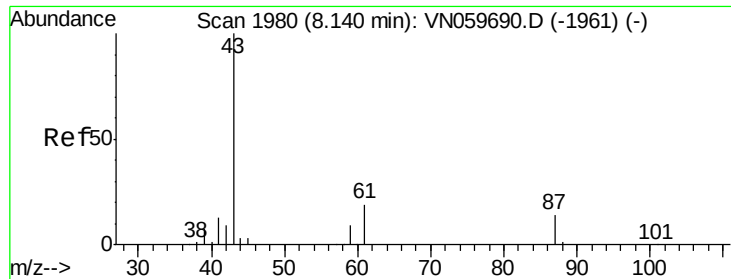


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

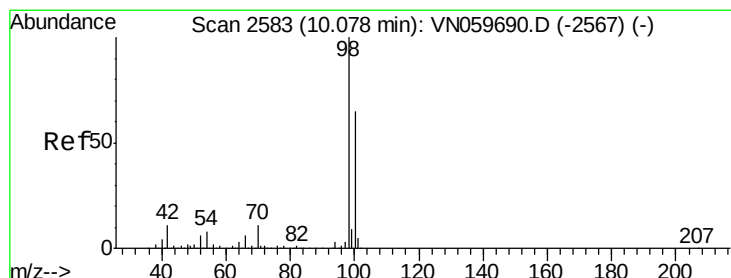
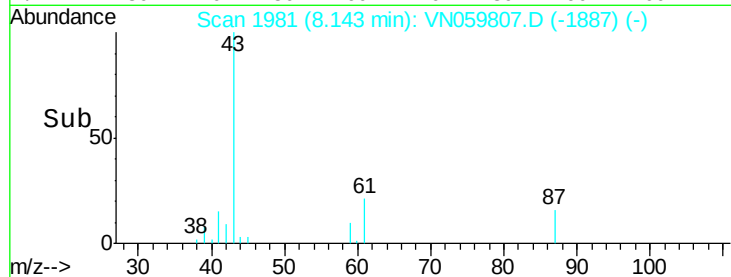
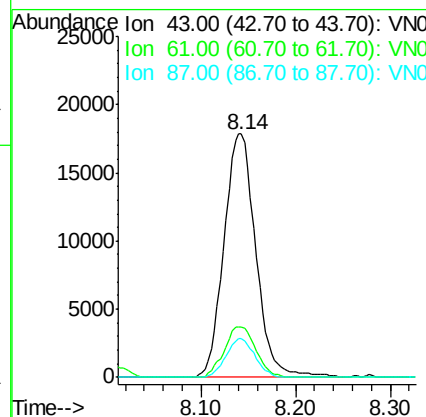
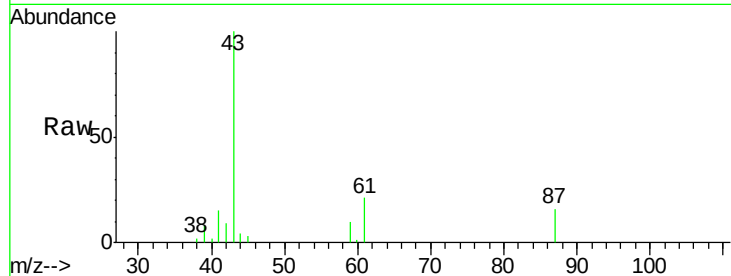




#43
Isopropyl Acetate
Concen: 9.498 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059807.D
Acq: 21 Jan 2020 13:21

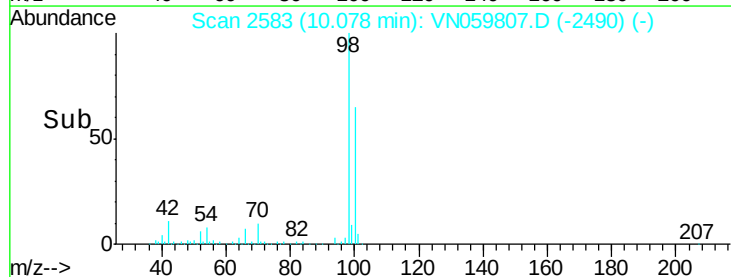
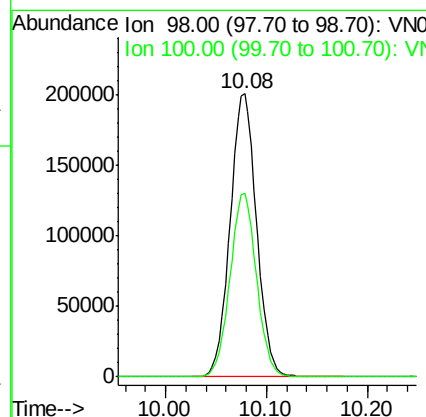
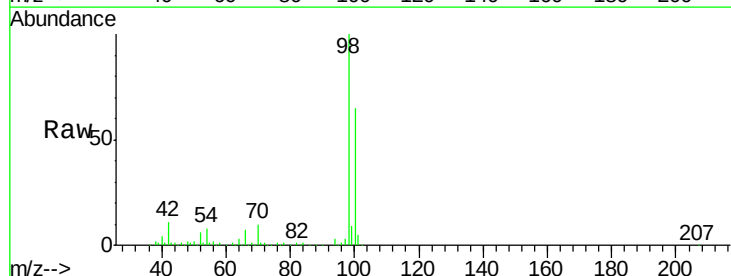
Instrument :
MSVOA_N
ClientSampleId :
BU-03-012020

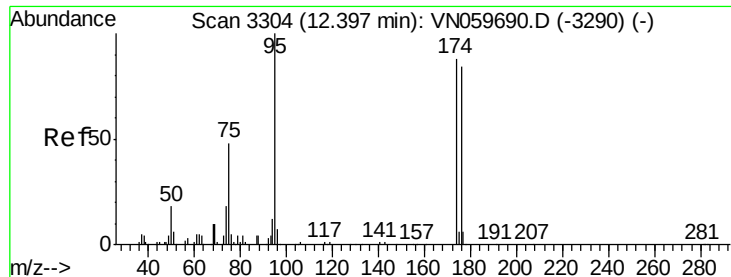
Tot Ion: 43 Resp: 41777
Ion Ratio Lower Upper
43 100
61 20.5 20.2 30.2
87 14.3 9.5 14.3#



#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059807.D
Acq: 21 Jan 2020 13:21

Tgt Ion: 98 Resp: 367185
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8

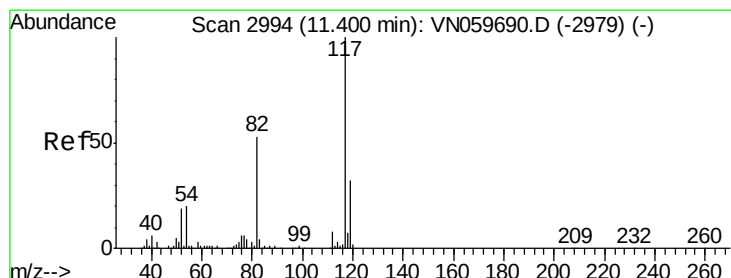
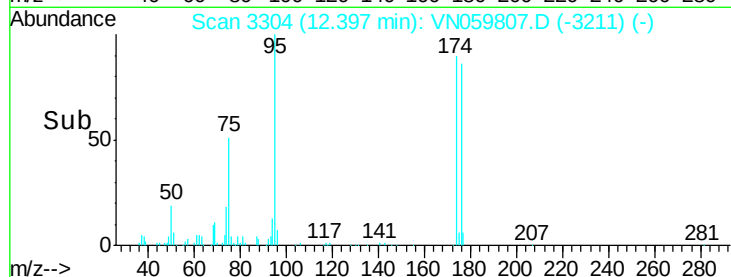
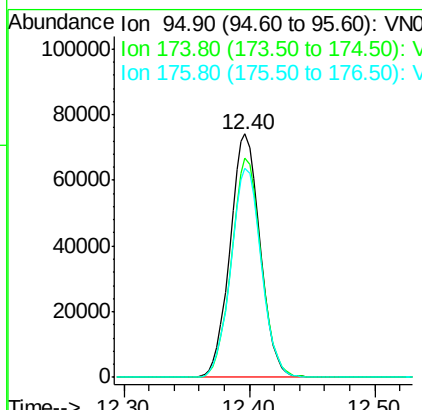
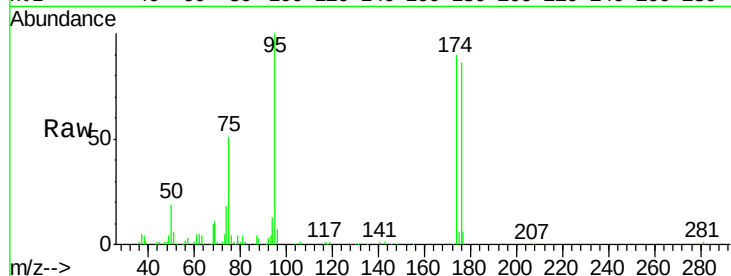




#62
4-Bromofluorobenzene
Concen: 47.307 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059807.D
Acq: 21 Jan 2020 13:21

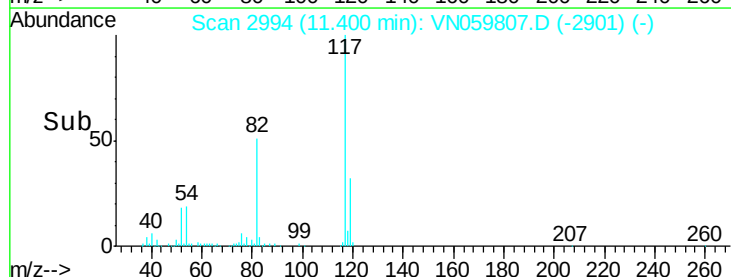
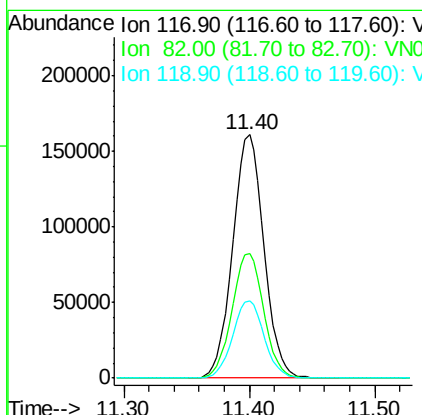
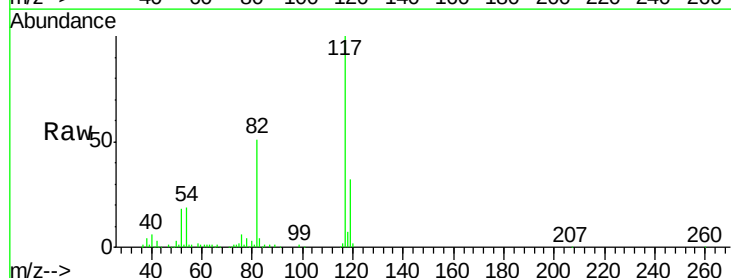
Instrument :
MSVOA_N
ClientSampleId :
BU-03-012020

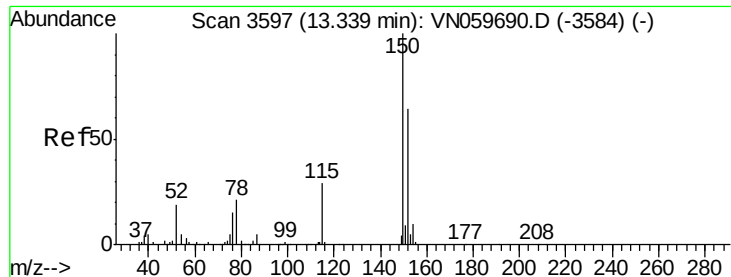
Tot Ion	95	Resp	123370
Ion Ratio	Lower	Upper	
95	100		
174	89.1	0.0	151.4
176	86.5	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059807.D
Acq: 21 Jan 2020 13:21

Tgt Ion	117	Resp	277892
Ion Ratio	Lower	Upper	
117	100		
82	51.2	45.9	68.9
119	31.9	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059807.D

Acq: 21 Jan 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

BU-03-012020

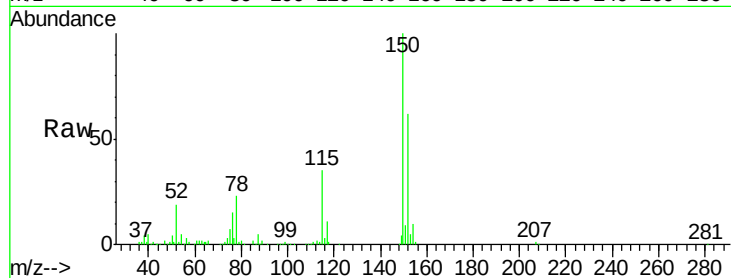
Tot Ion:152 Resp: 116689

Ion Ratio Lower Upper

152 100

115 57.2 30.3 90.9

150 156.8 0.0 345.2



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

