

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059960.D
 Acq On : 31 Jan 2020 19:52
 Operator : JC/MD
 Sample : L1329-19 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-5

Quant Time: Feb 03 03:57:33 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

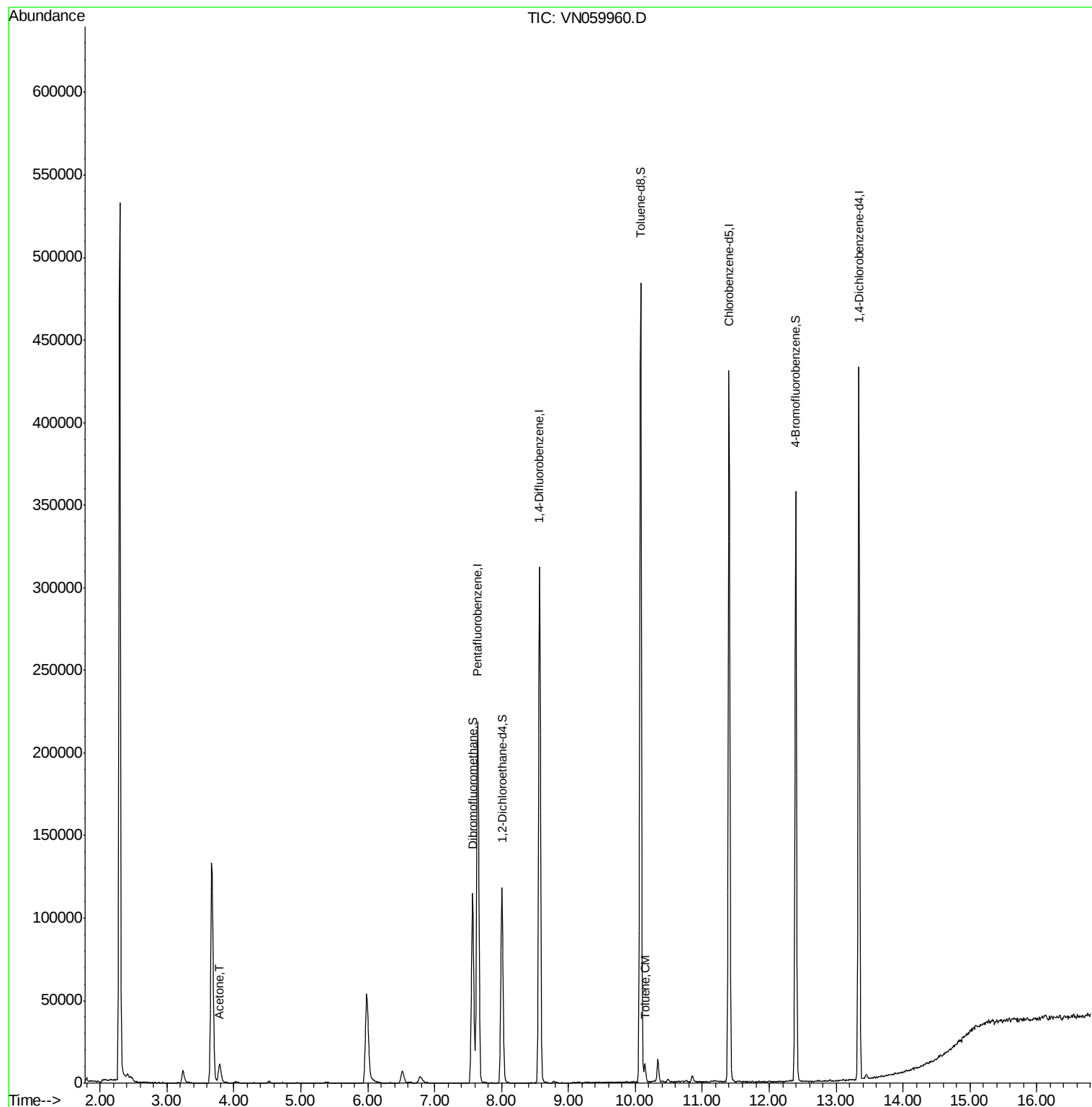
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	287910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	117268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104036	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
35) Dibromofluoromethane	7.57	113	86564	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.08	98	340384	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	118306	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
Target Compounds						
16) Acetone	3.79	43	20132	18.939	ug/l	89
52) Toluene	10.14	92	5148	1.090	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059960.D

Acq: 31 Jan 2020 19:52

Instrument :

MSVOA_N

ClientSampled :

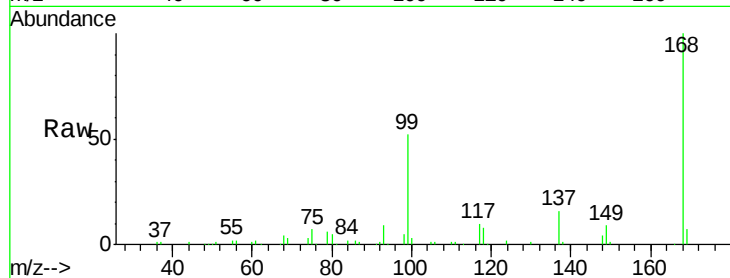
COMP-5

Tot Ion:168 Resp: 188537

Ion Ratio Lower Upper

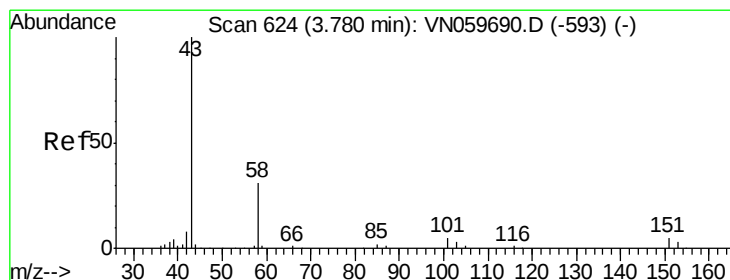
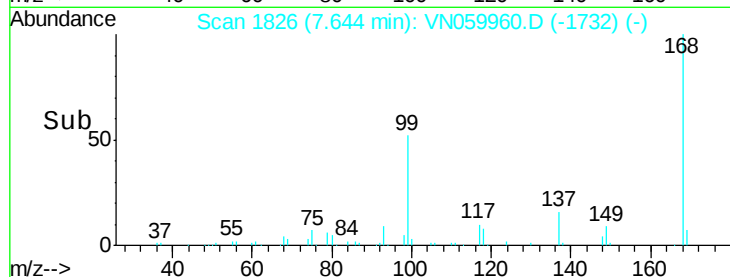
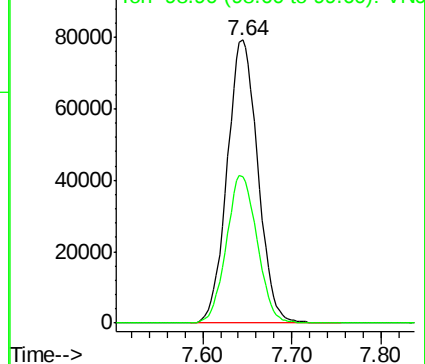
168 100

99 51.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 18.939 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059960.D

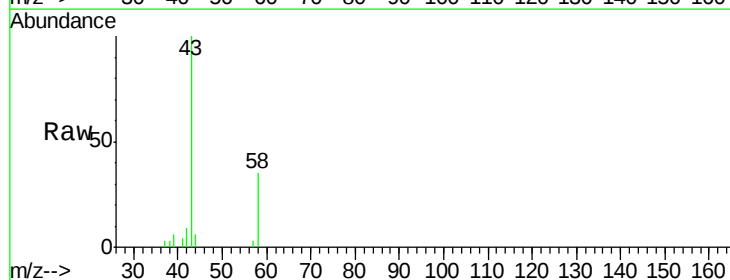
Acq: 31 Jan 2020 19:52

Tgt Ion: 43 Resp: 20132

Ion Ratio Lower Upper

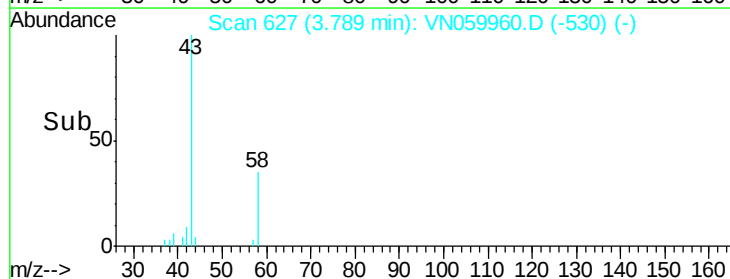
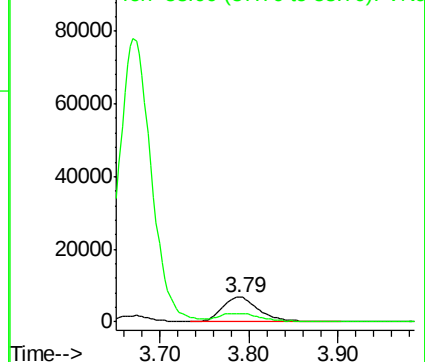
43 100

58 35.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

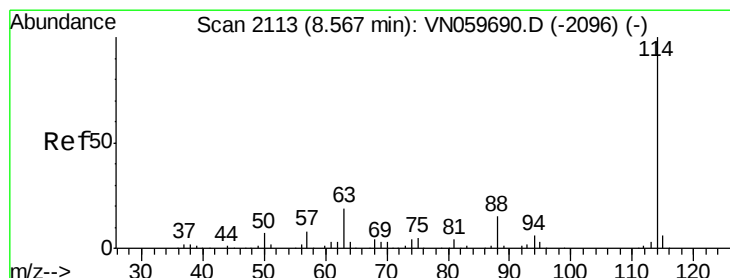
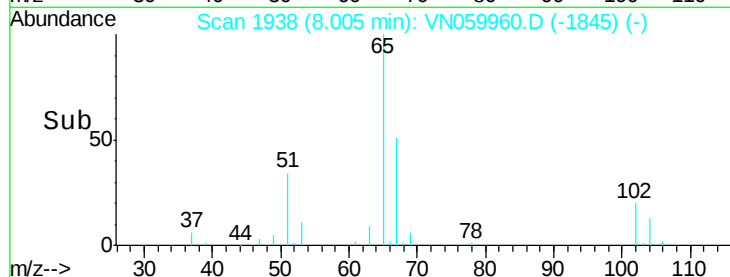
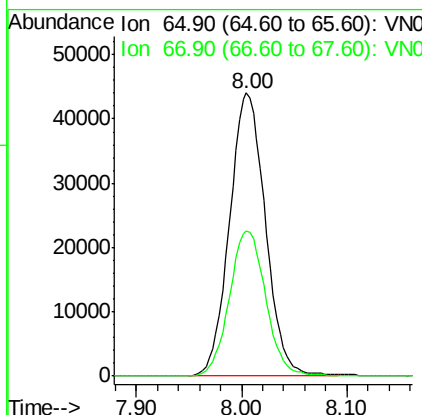
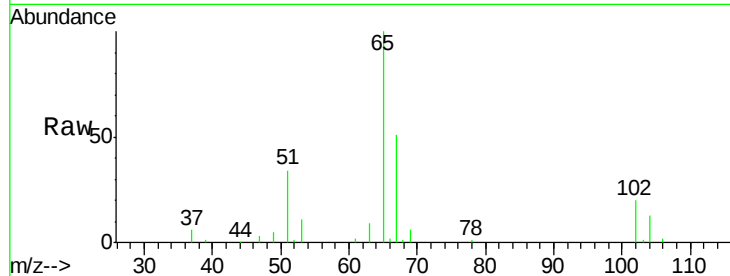




#33
 1,2-Dichloroethane-d4
 Concen: 49.689 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059960.D
 Acq: 31 Jan 2020 19:52

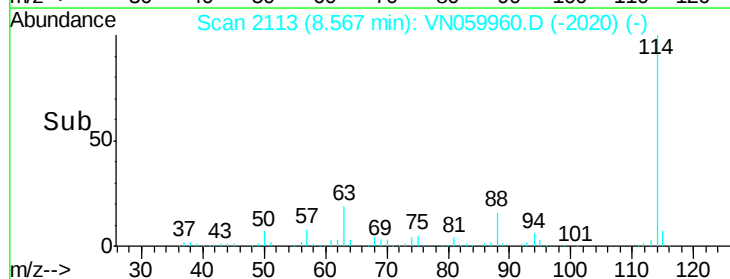
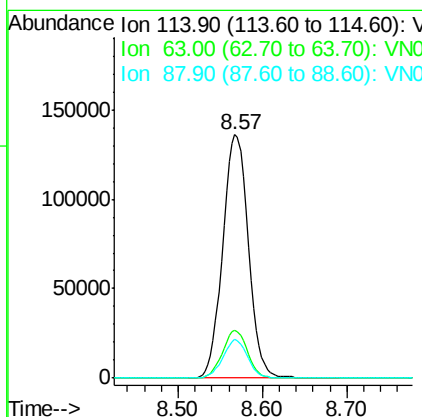
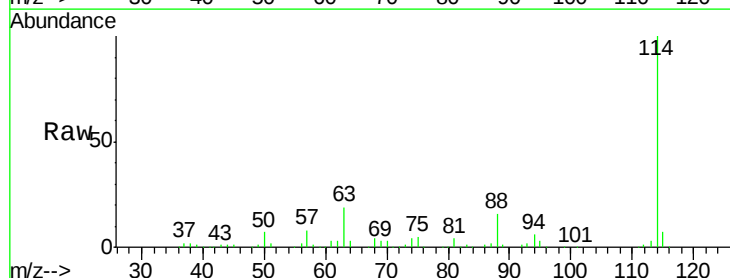
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-5

Tot Ion: 65 Resp: 104036
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VN059960.D
 Acq: 31 Jan 2020 19:52

Tgt Ion: 114 Resp: 287910
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.7 0.0 31.4

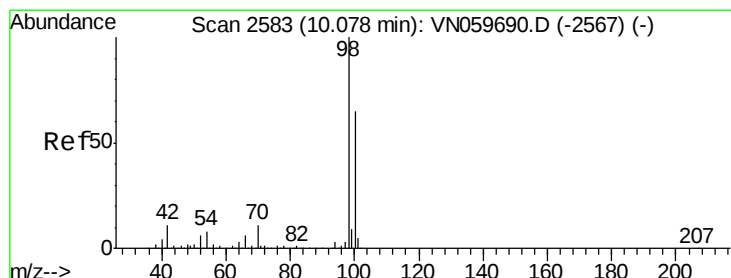
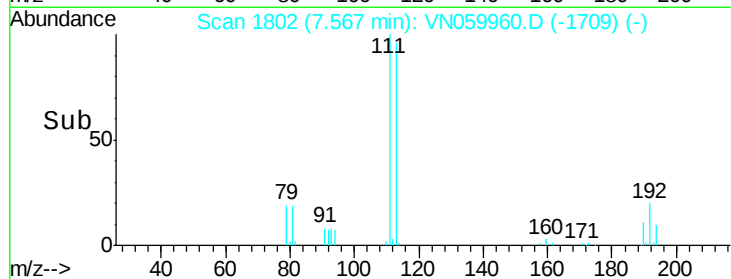
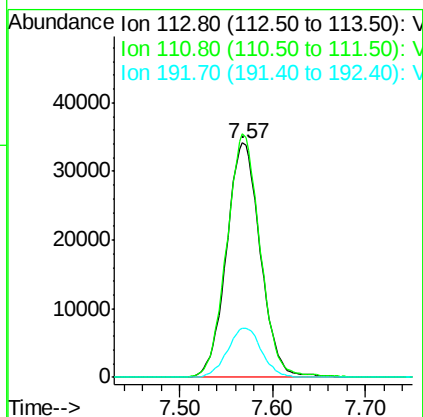
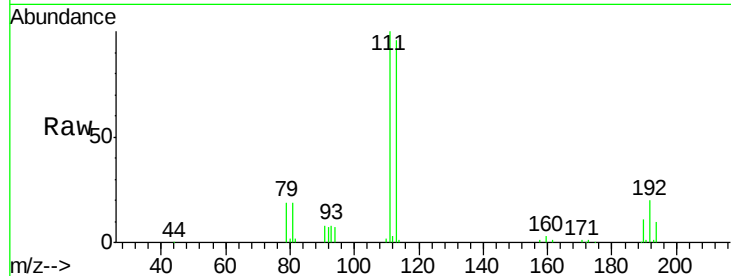




#35
 Dibromofluoromethane
 Concen: 50.418 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059960.D
 Acq: 31 Jan 2020 19:52

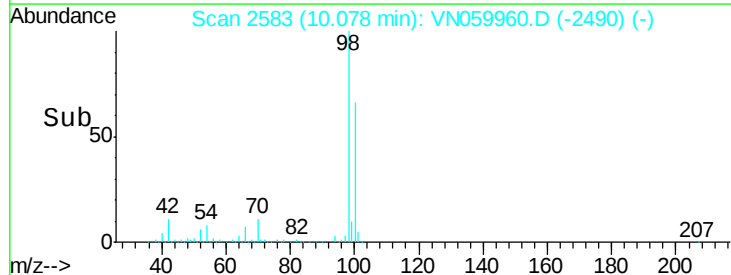
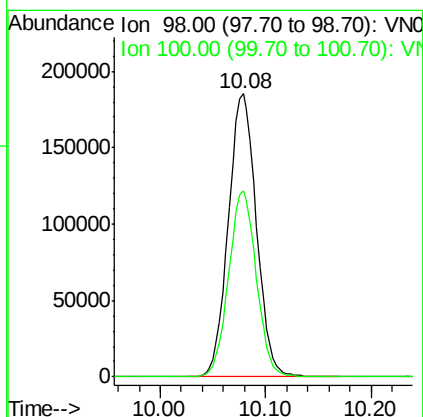
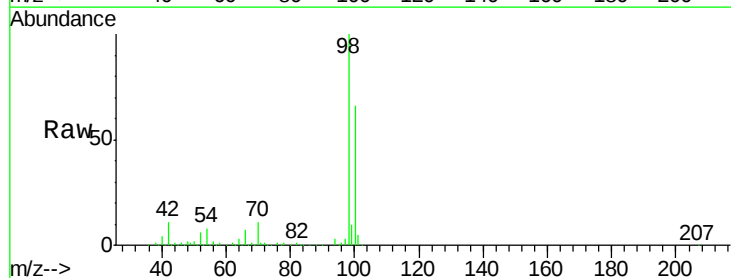
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-5

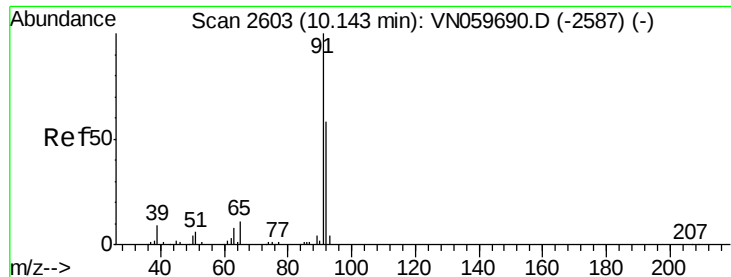
Tot Ion:113 Resp: 86564
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 21.0 15.4 23.2



#50
 Toluene-d8
 Concen: 51.168 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059960.D
 Acq: 31 Jan 2020 19:52

Tgt Ion: 98 Resp: 340384
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.2 76.8





#52

Toluene

Concen: 1.090 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059960.D

Acq: 31 Jan 2020 19:52

Instrument :

MSVOA_N

ClientSampled :

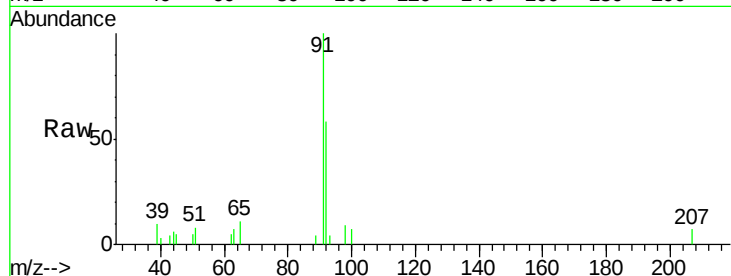
COMP-5

Tot Ion: 92 Resp: 5148

Ion Ratio Lower Upper

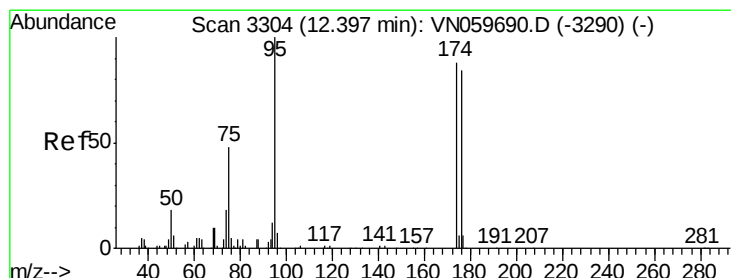
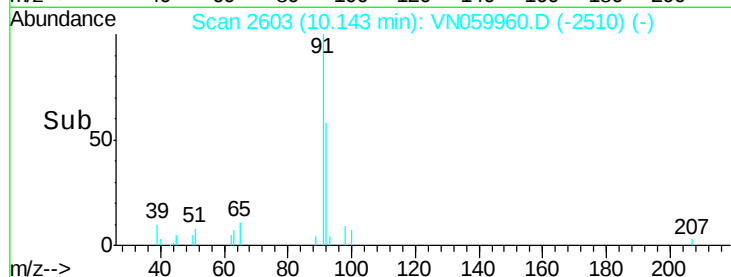
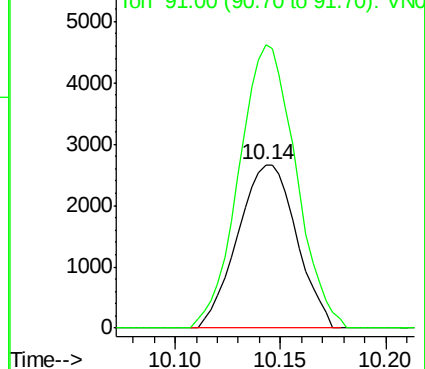
92 100

91 168.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 49.333 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059960.D

Acq: 31 Jan 2020 19:52

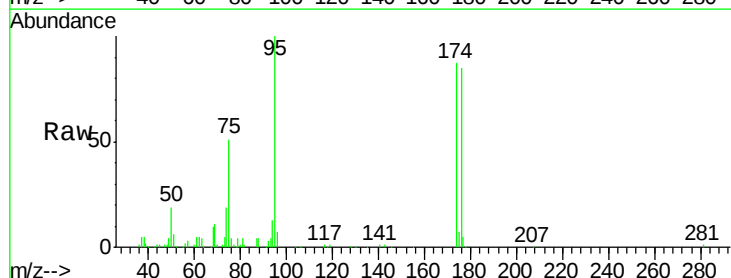
Tgt Ion: 95 Resp: 118306

Ion Ratio Lower Upper

95 100

174 87.4 0.0 151.4

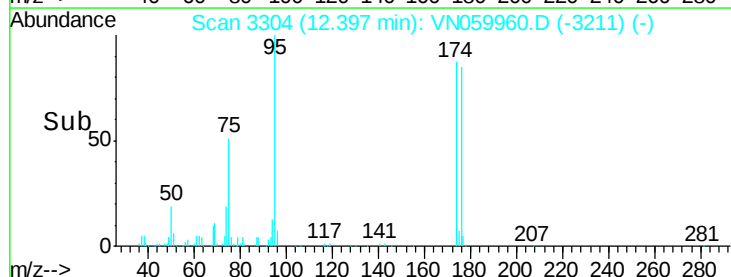
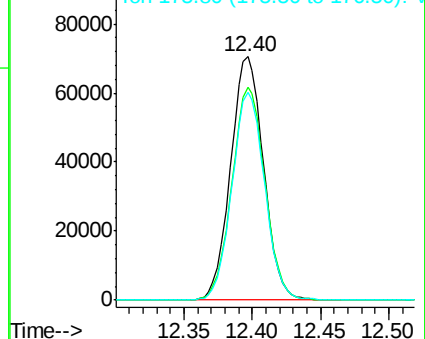
176 84.9 0.0 146.0

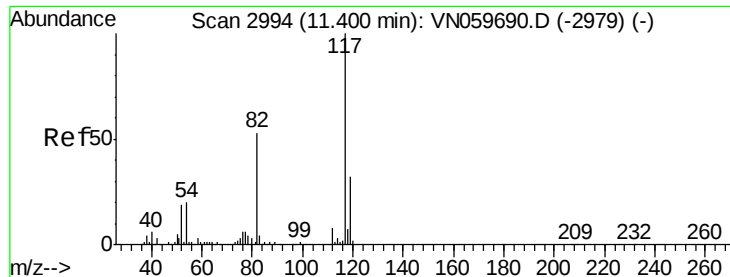


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

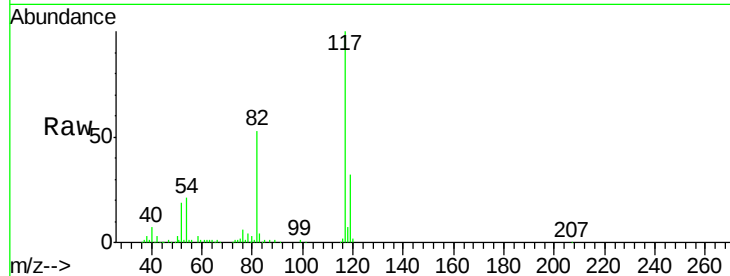




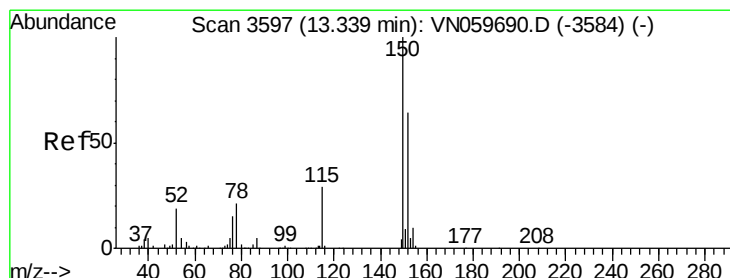
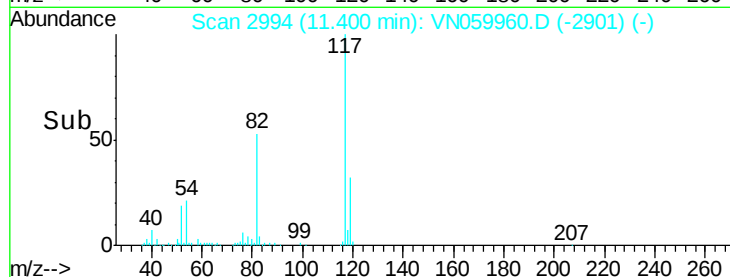
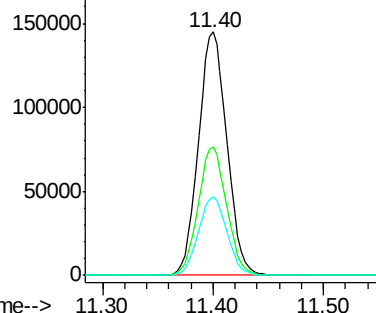
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059960.D
Acq: 31 Jan 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.9	68.9
119	32.1	25.5	38.3

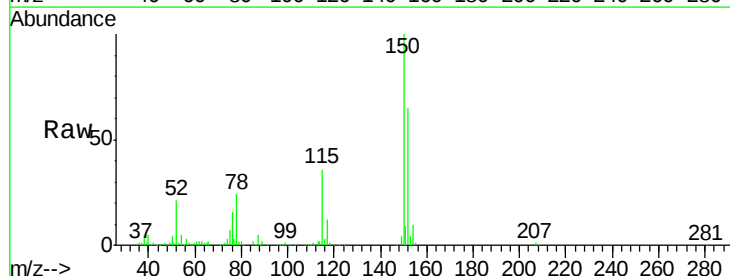


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059960.D
Acq: 31 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	30.3	90.9
150	157.5	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

