

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059959.D
 Acq On : 31 Jan 2020 19:29
 Operator : JC/MD
 Sample : L1329-18 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-11

Quant Time: Feb 03 03:53:25 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

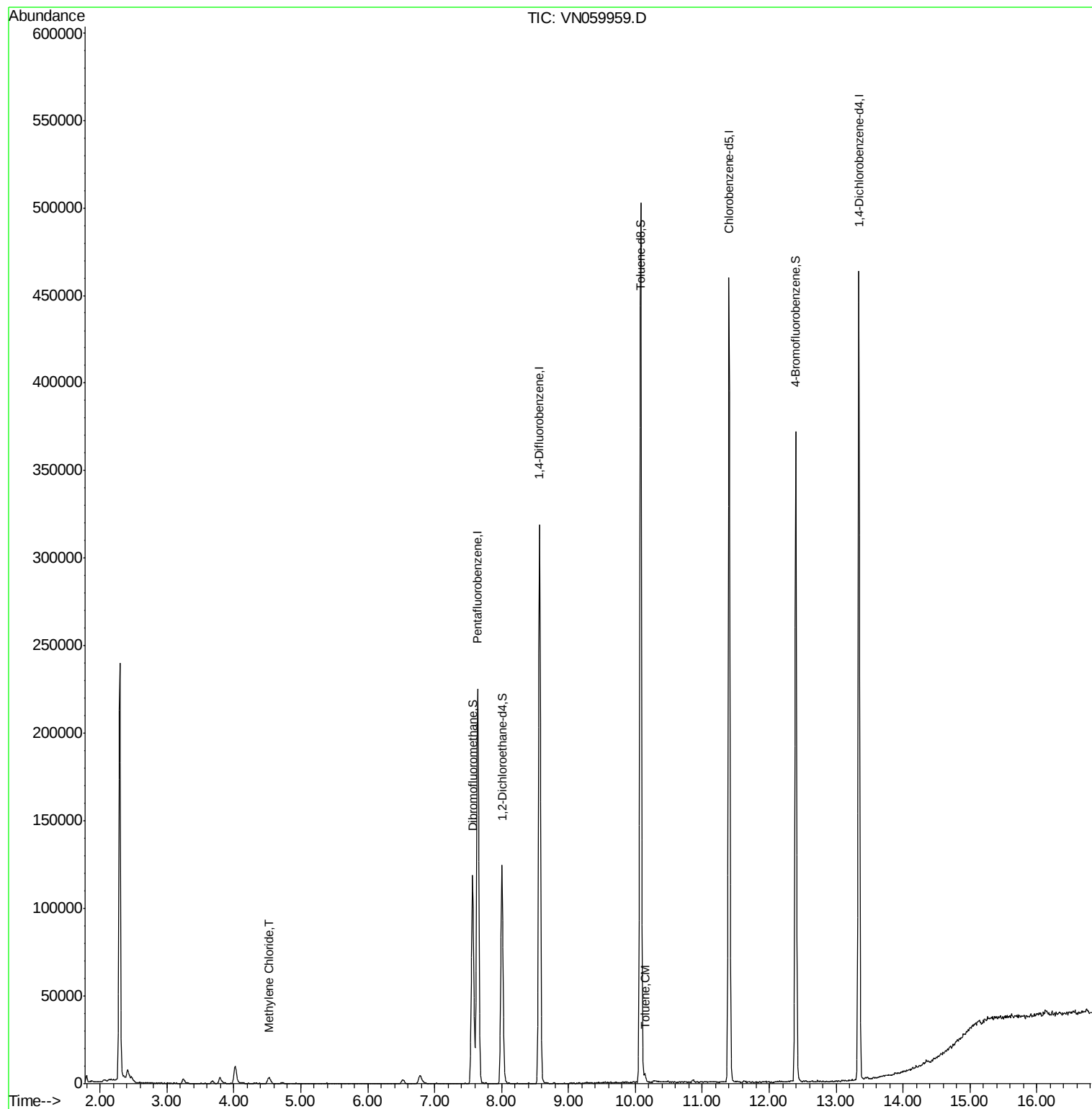
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	292554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107362	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.57	113	88762	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
50) Toluene-d8	10.08	98	352002	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	124721	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
Target Compounds						
20) Methylene Chloride	4.53	84	3106	0.322	ug/l	93
52) Toluene	10.14	92	2238	0.466	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059959.D

Acq: 31 Jan 2020 19:29

Instrument :

MSVOA_N

ClientSampleId :

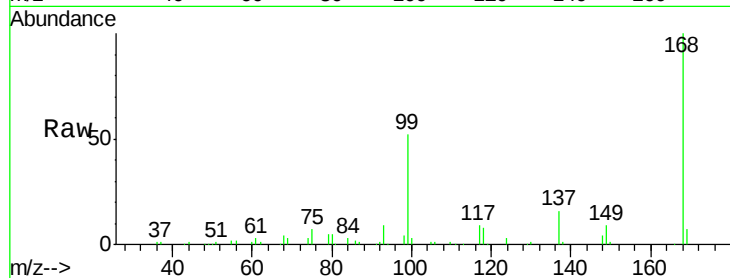
COMP-11

Tot Ion:168 Resp: 192262

Ion Ratio Lower Upper

168 100

99 52.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

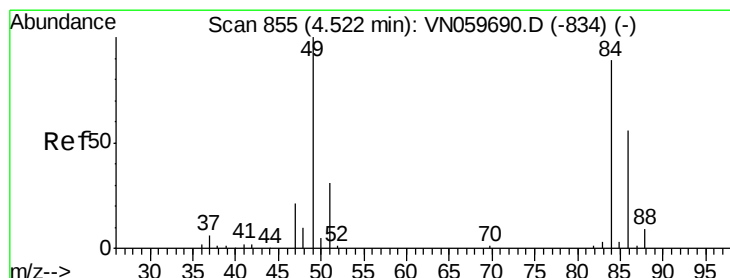
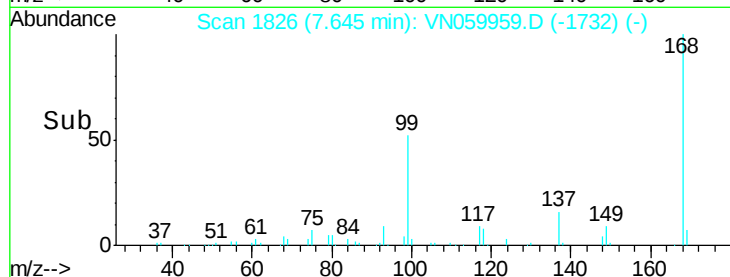
40000

20000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 0.322 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059959.D

Acq: 31 Jan 2020 19:29

Tgt Ion: 84 Resp: 3106

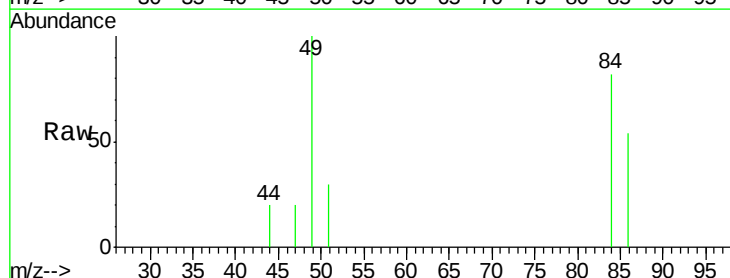
Ion Ratio Lower Upper

84 100

49 122.2 106.6 160.0

51 36.8 31.9 47.9

86 65.6 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

1500

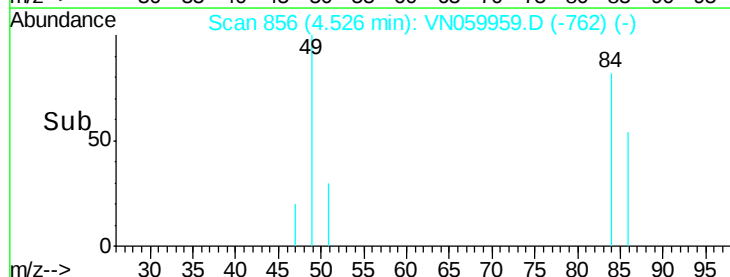
1000

500

0

Time-->

4.45 4.50 4.55 4.60

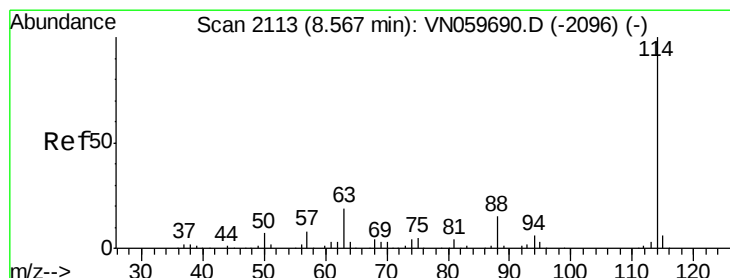
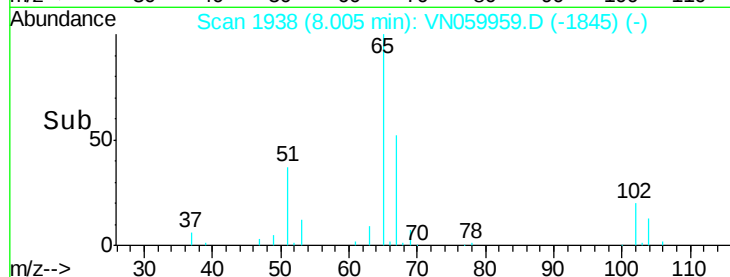
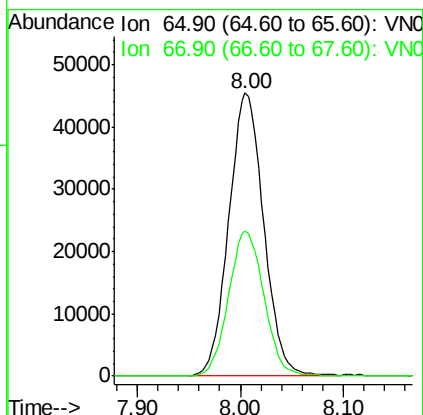
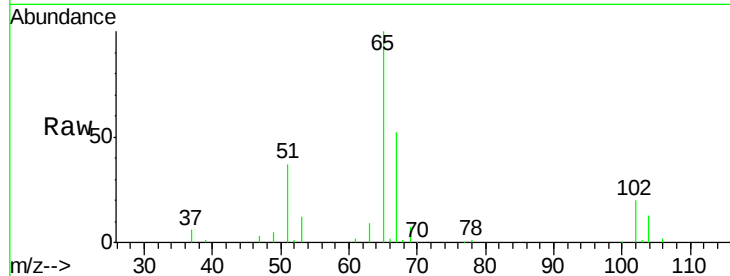




#33
 1,2-Dichloroethane-d4
 Concen: 50.284 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059959.D
 Acq: 31 Jan 2020 19:29

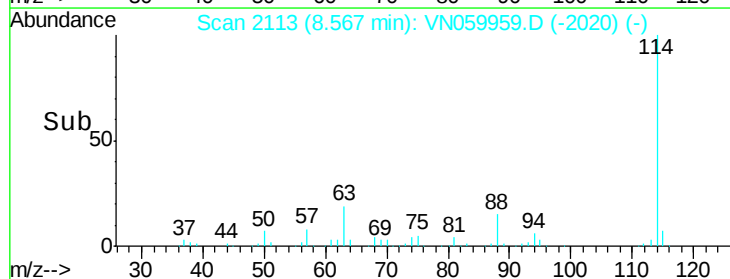
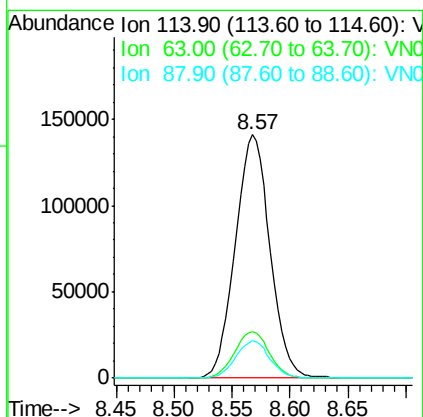
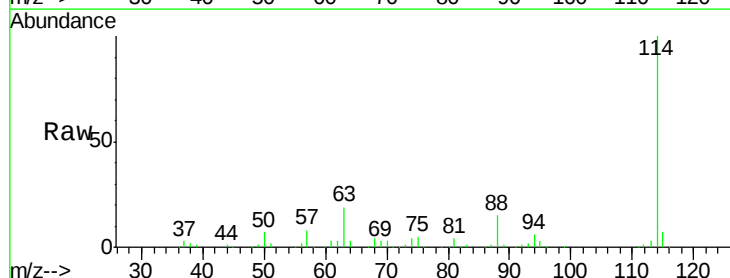
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-11

Tot Ion: 65 Resp: 107362
 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: VN059959.D
 Acq: 31 Jan 2020 19:29

Tgt Ion: 114 Resp: 292554
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.3 0.0 31.4

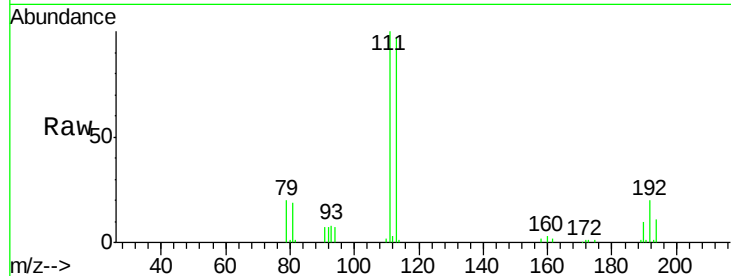




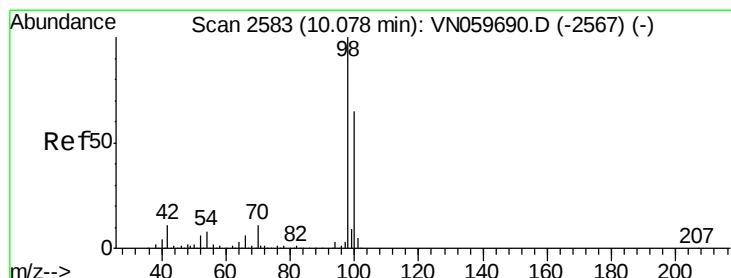
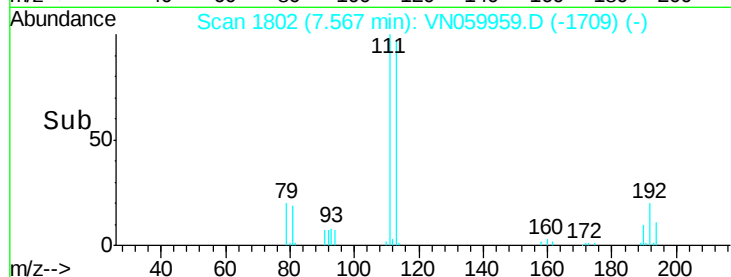
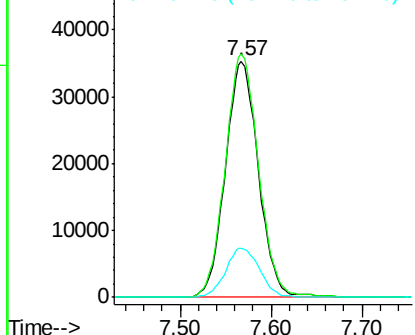
#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059959.D
Acq: 31 Jan 2020 19:29

Instrument :
MSVOA_N
ClientSampleId :
COMP-11

Tot Ion:113 Resp: 88762
Ion Ratio Lower Upper
113 100
111 104.7 83.5 125.3
192 21.5 15.4 23.2

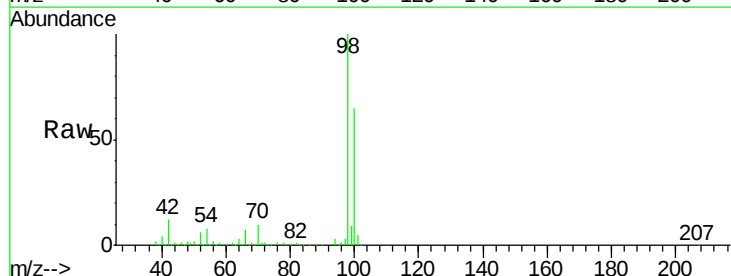


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

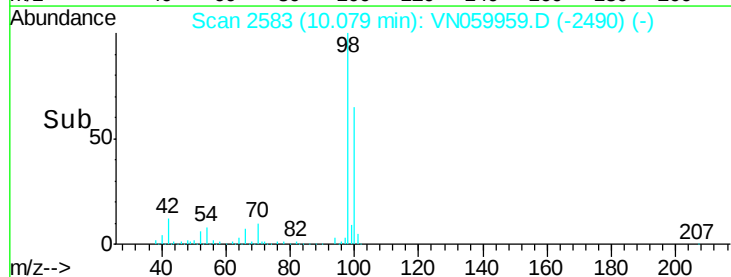
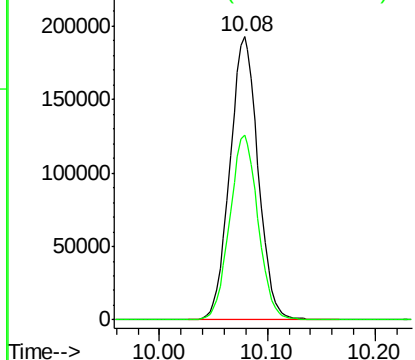


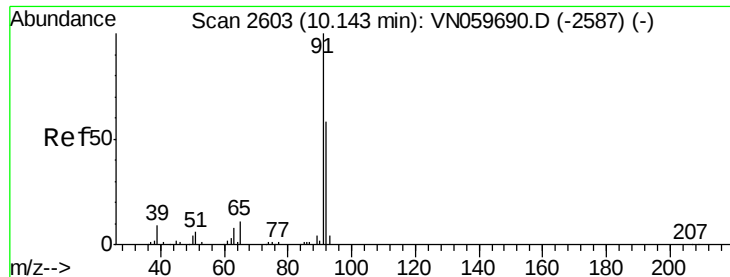
#50
Toluene-d8
Concen: 52.075 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059959.D
Acq: 31 Jan 2020 19:29

Tgt Ion: 98 Resp: 352002
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.466 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059959.D

Acq: 31 Jan 2020 19:29

Instrument :

MSVOA_N

ClientSampled :

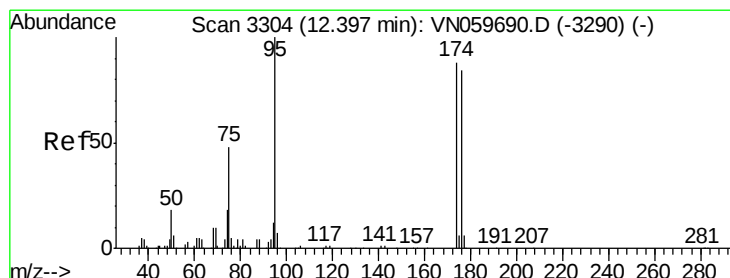
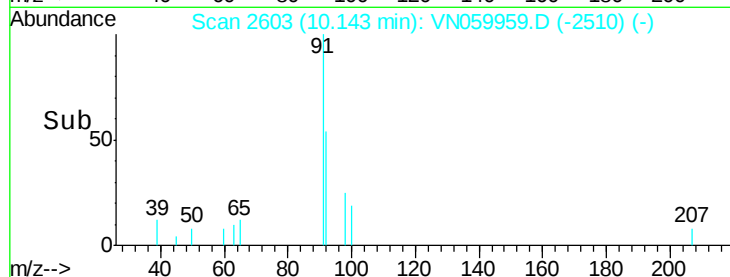
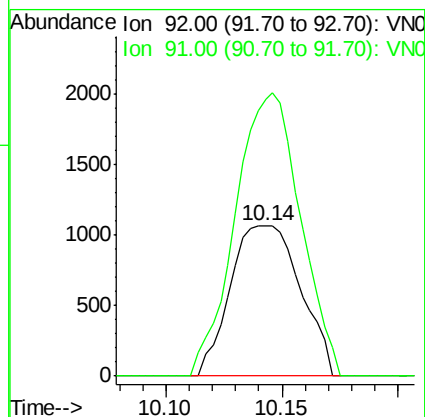
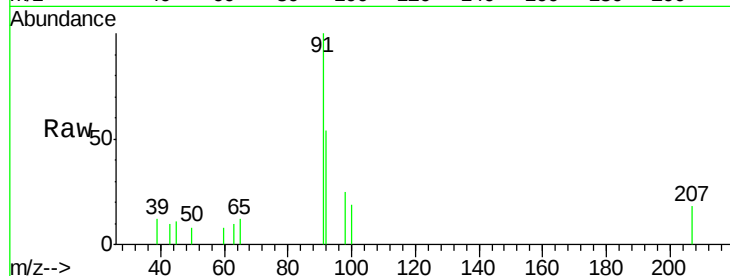
COMP-11

Tot Ion: 92 Resp: 2238

Ion Ratio Lower Upper

92 100

91 174.8 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 51.182 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059959.D

Acq: 31 Jan 2020 19:29

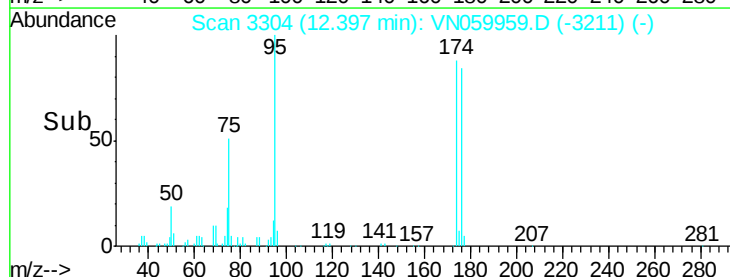
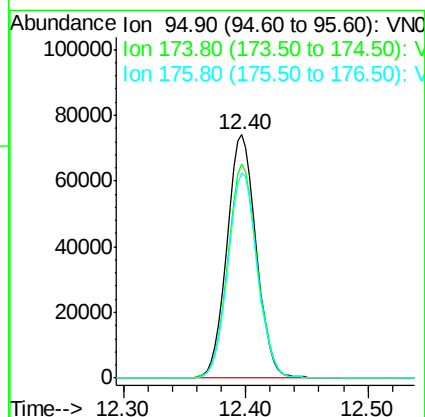
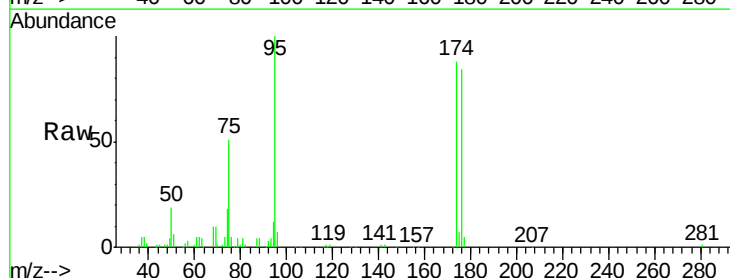
Tgt Ion: 95 Resp: 124721

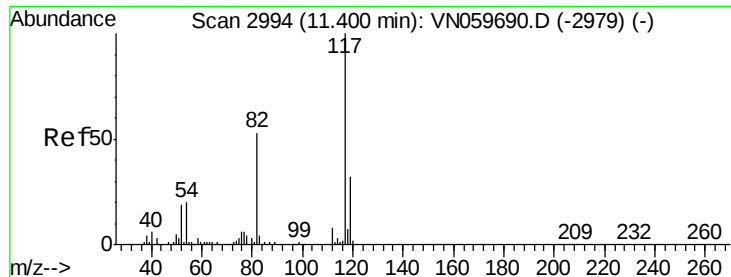
Ion Ratio Lower Upper

95 100

174 88.4 0.0 151.4

176 84.7 0.0 146.0

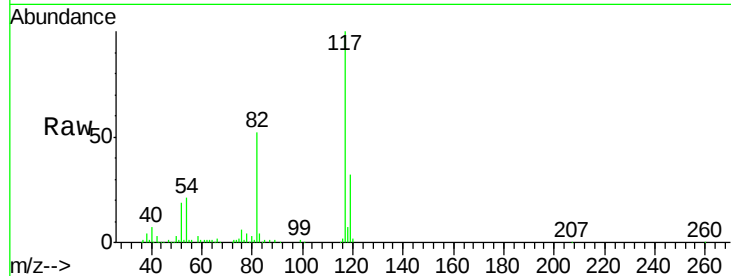




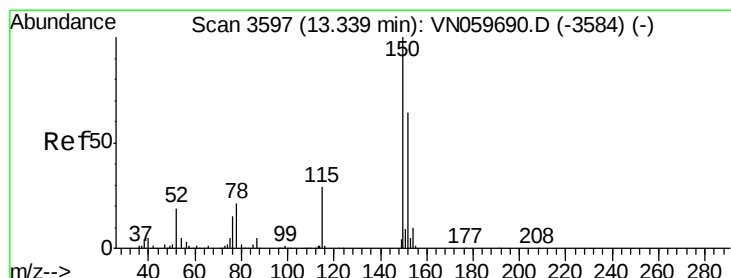
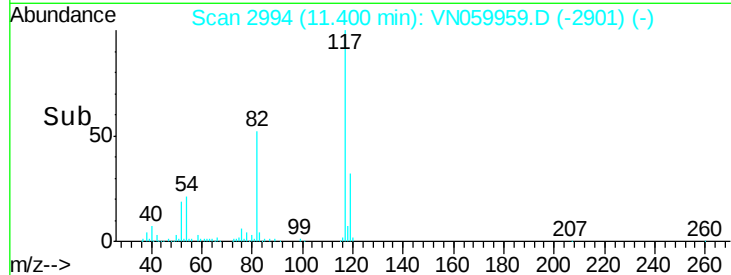
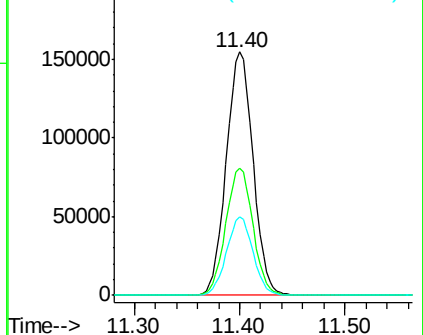
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059959.D
Acq: 31 Jan 2020 19:29

Instrument :
MSVOA_N
ClientSampleId :
COMP-11

Tot Ion:117 Resp: 272242
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 32.2 25.5 38.3

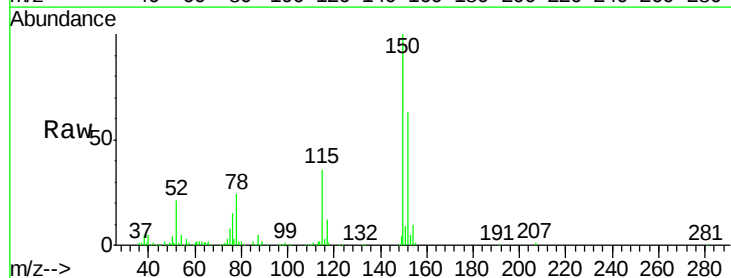


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059959.D
Acq: 31 Jan 2020 19:29

Tgt Ion:152 Resp: 124823
Ion Ratio Lower Upper
152 100
115 57.2 30.3 90.9
150 158.4 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

