

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059977.D
 Acq On : 3 Feb 2020 16:11
 Operator : JC/MD
 Sample : L1329-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-11

Quant Time: Feb 04 08:08:26 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	200676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139364	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	115862	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	7.57	113	96390	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	10.08	98	376467	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.40	95	136904	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	

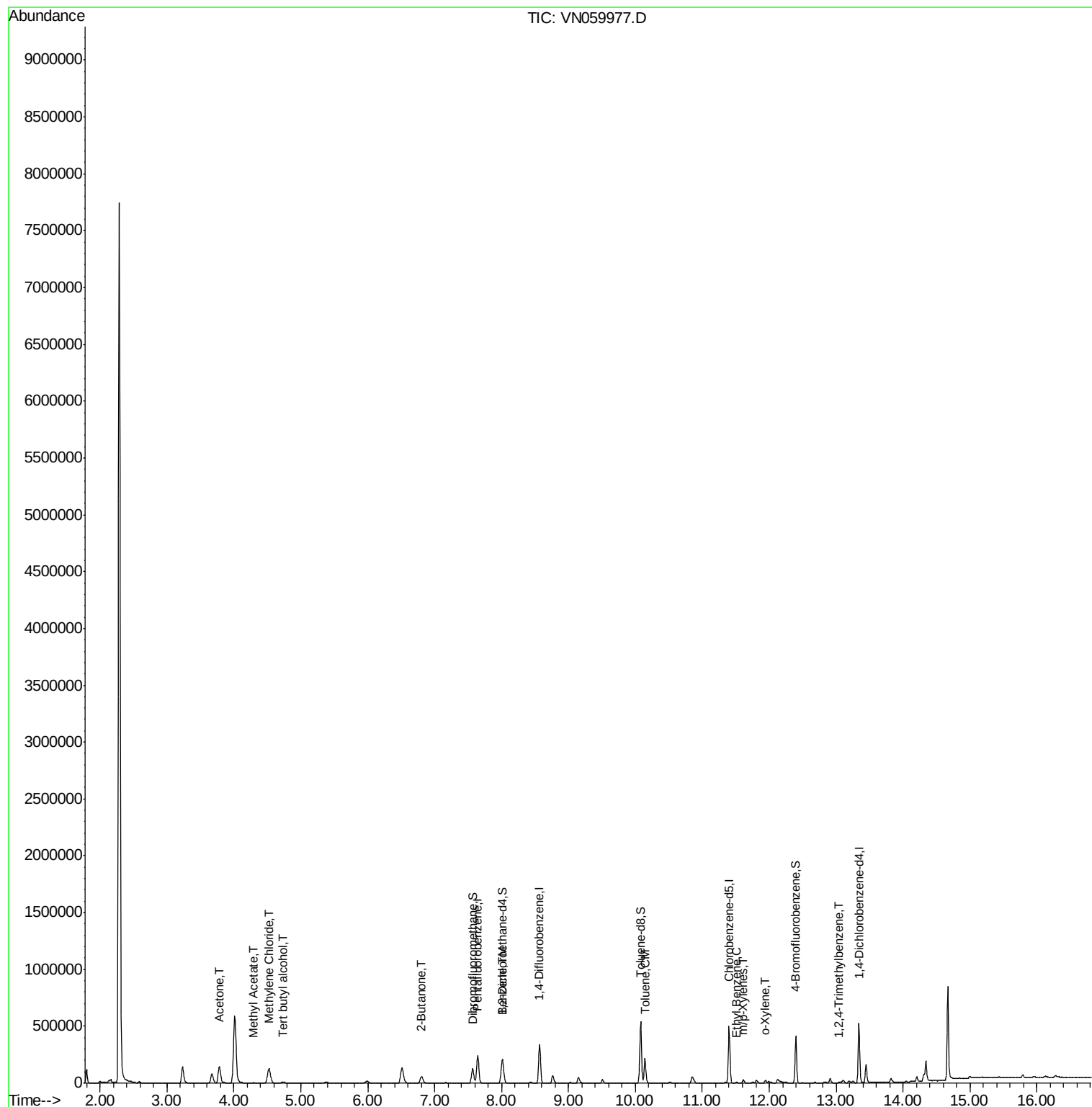
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	22146	59.030	ug/l	99
16) Acetone	3.78	43	241658	320.764	ug/l	97
18) Methyl Acetate	4.30	43	6074	2.333	ug/l #	87
20) Methylene Chloride	4.53	84	105482	52.377	ug/l	91
25) 2-Butanone	6.80	43	107197	84.941	ug/l	95
40) Benzene	8.02	78	114377	14.119	ug/l	100
52) Toluene	10.14	92	94942	18.554	ug/l	99
67) Ethyl Benzene	11.51	91	5081	0.488	ug/l	97
68) m/p-Xylenes	11.61	106	8576	2.179	ug/l	95
69) o-Xylene	11.94	106	3503	0.909	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	4370	0.514	ug/l	85

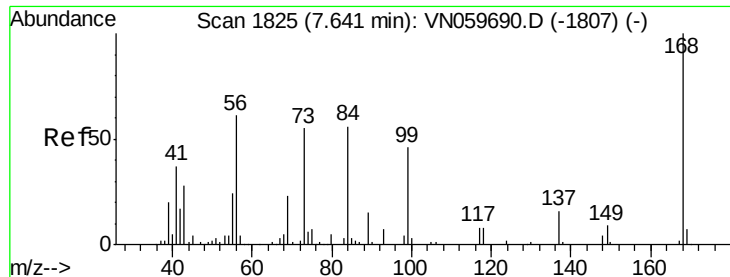
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020320\
Data File : VN059977.D
Acq On : 3 Feb 2020 16:11
Operator : JC/MD
Sample : L1329-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-11

Quant Time: Feb 04 08:08:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
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: VN059977.D

Acq: 3 Feb 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

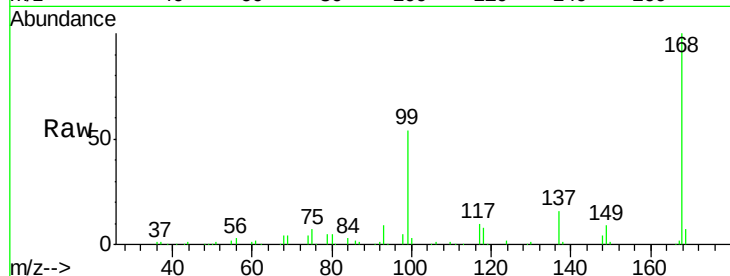
COMP-11

Tot Ion:168 Resp: 200676

Ion Ratio Lower Upper

168 100

99 54.0 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

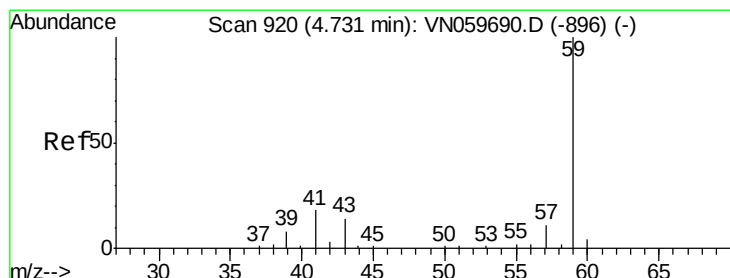
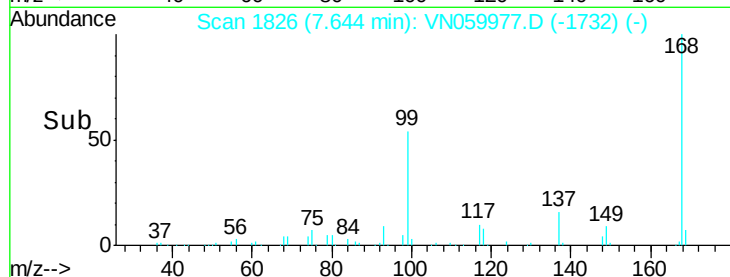
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 59.030 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN059977.D

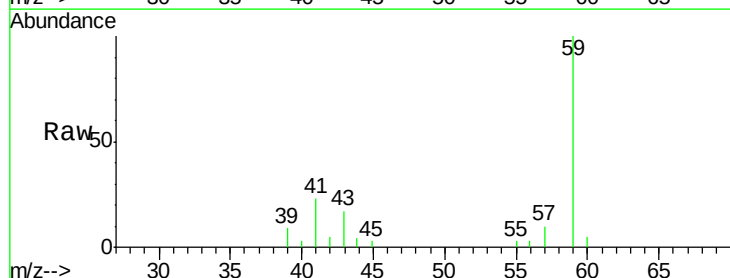
Acq: 3 Feb 2020 16:11

Tgt Ion: 59 Resp: 22146

Ion Ratio Lower Upper

59 100

57 10.2 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

6000

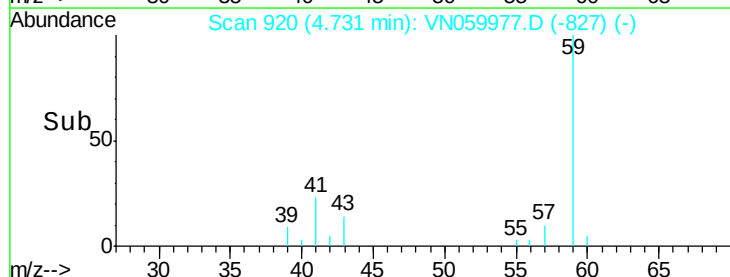
4000

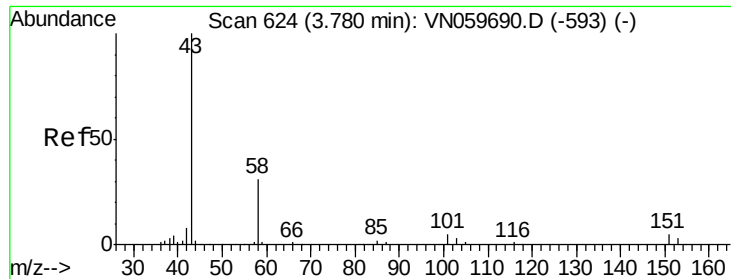
2000

0

4.60 4.70 4.80

Time-->

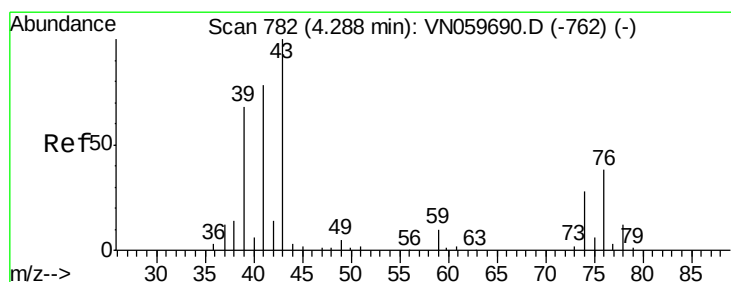
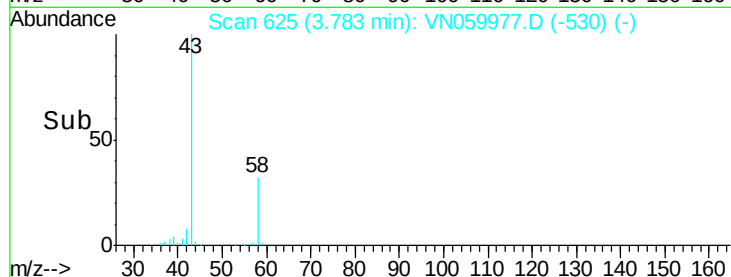
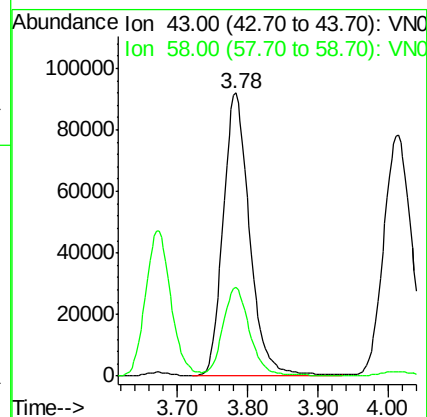
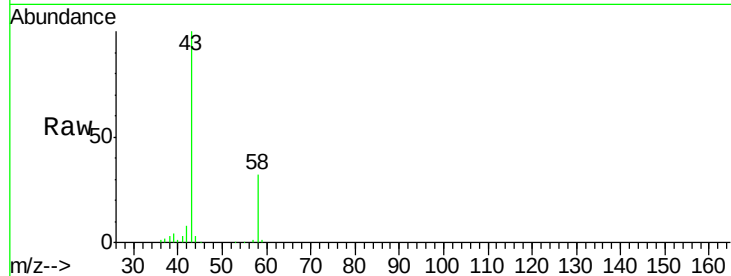




#16
Acetone
Concen: 320.764 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

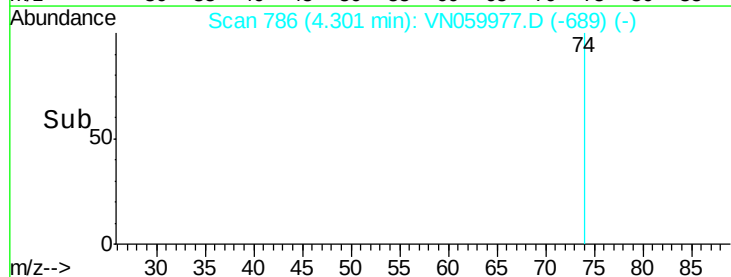
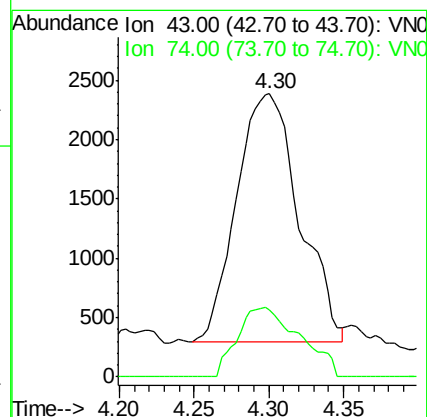
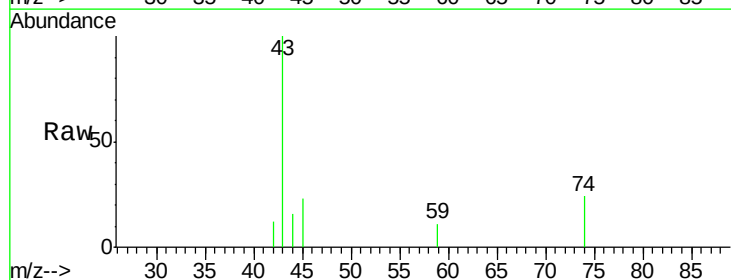
Instrument :
MSVOA_N
ClientSampled :
COMP-11

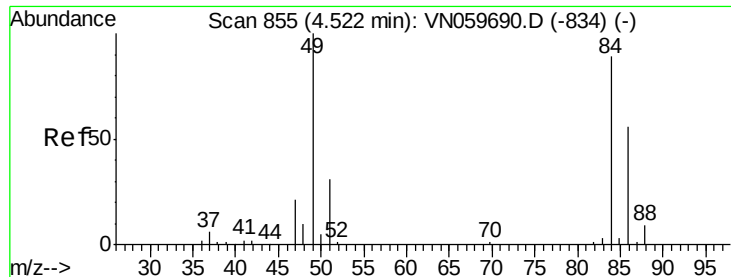
Tot Ion: 43 Resp: 241658
Ion Ratio Lower Upper
43 100
58 31.3 23.6 35.4



#18
Methyl Acetate
Concen: 2.333 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

Tgt Ion: 43 Resp: 6074
Ion Ratio Lower Upper
43 100
74 27.9 17.5 26.3#

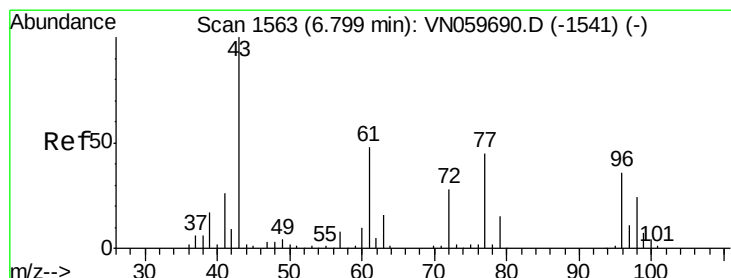
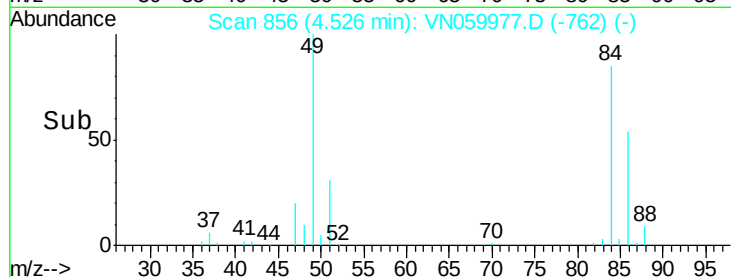
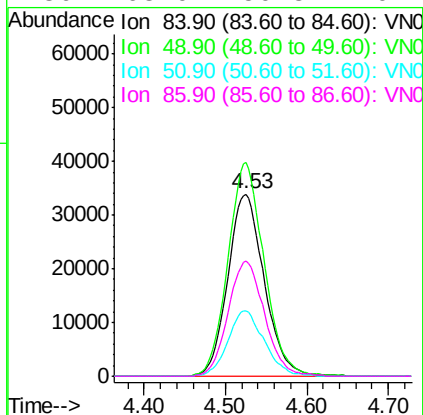
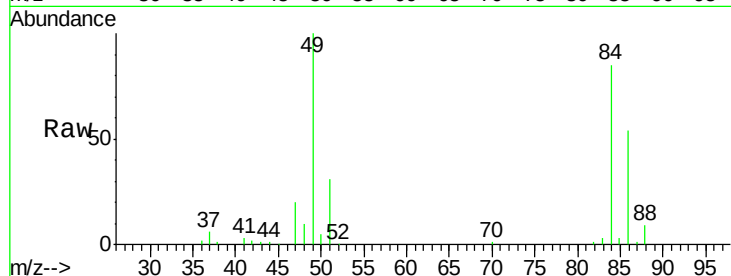




#20
Methvlene Chloride
Concen: 52.377 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

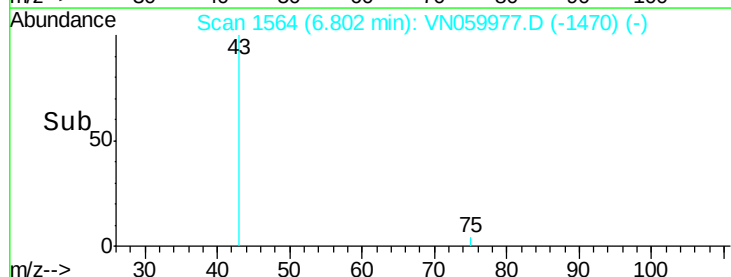
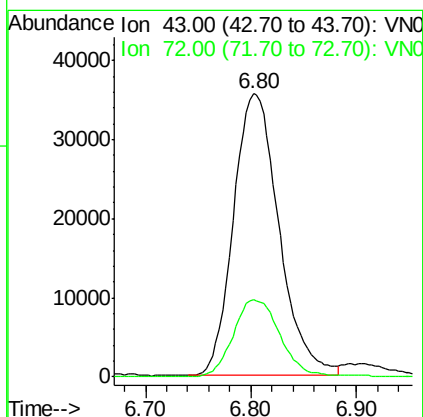
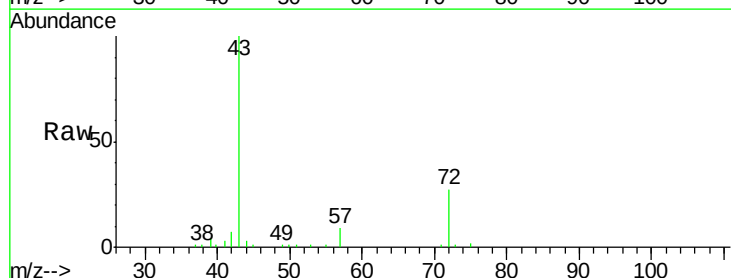
Instrument :
MSVOA_N
ClientSampleId :
COMP-11

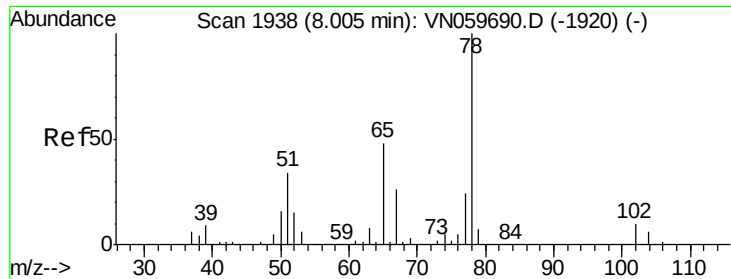
Tot Ion: 84 Resp: 105482
Ion Ratio Lower Upper
84 100
49 117.4 106.6 160.0
51 36.1 31.9 47.9
86 63.0 50.8 76.2



#25
2-Butanone
Concen: 84.941 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

Tgt Ion: 43 Resp: 107197
Ion Ratio Lower Upper
43 100
72 27.4 19.9 29.9

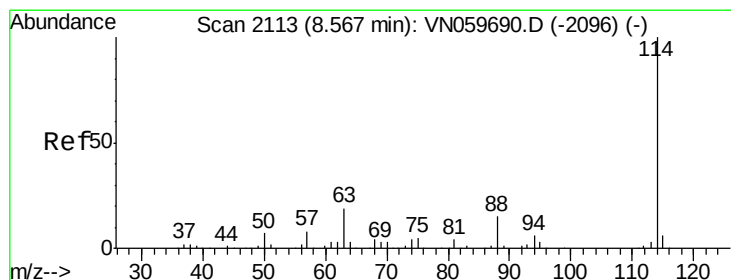
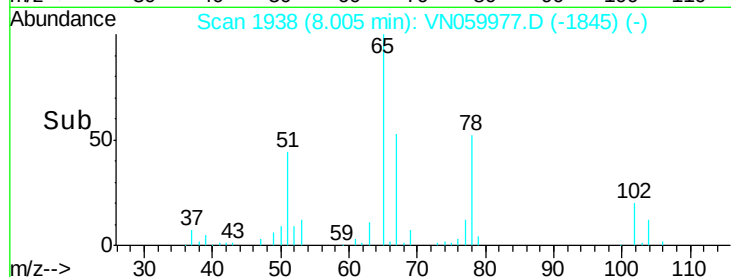
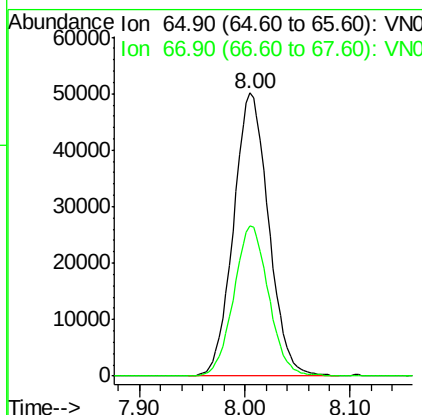
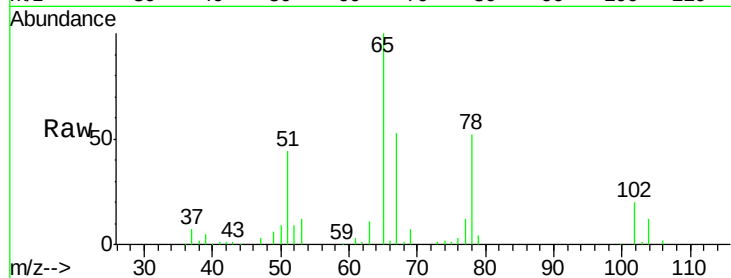




#33
 1,2-Dichloroethane-d4
 Concen: 51.990 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059977.D
 Acq: 3 Feb 2020 16:11

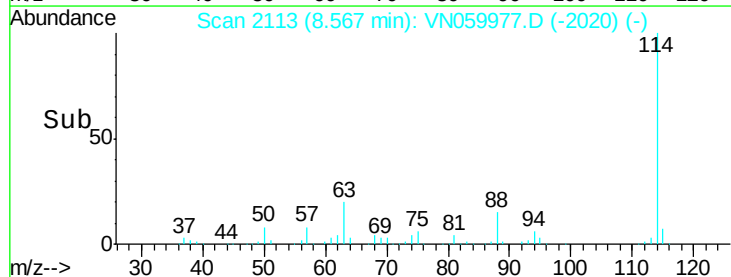
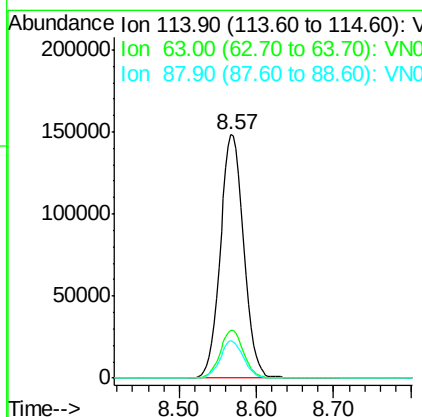
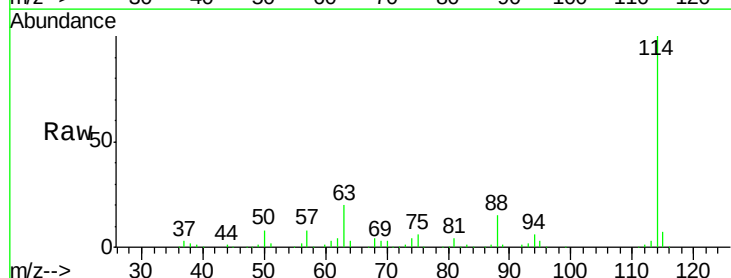
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-11

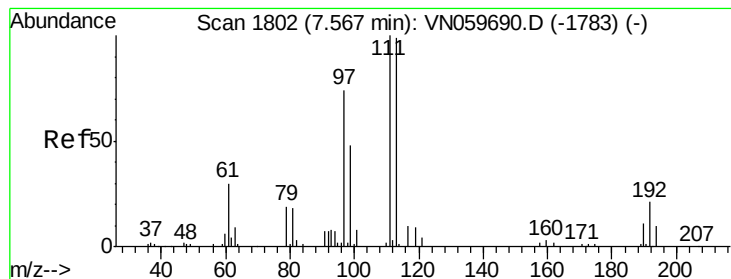
Tot Ion: 65 Resp: 115862
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059977.D
 Acq: 3 Feb 2020 16:11

Tgt Ion: 114 Resp: 311917
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.6
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.820 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059977.D

Acq: 3 Feb 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

COMP-11

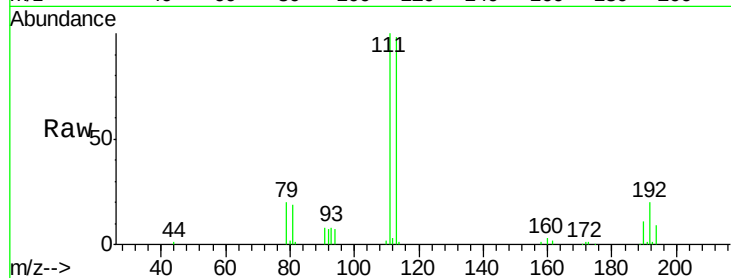
Tot Ion:113 Resp: 96390

Ion Ratio Lower Upper

113 100

111 102.3 83.5 125.3

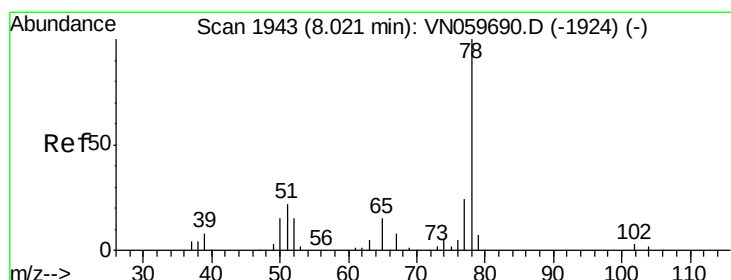
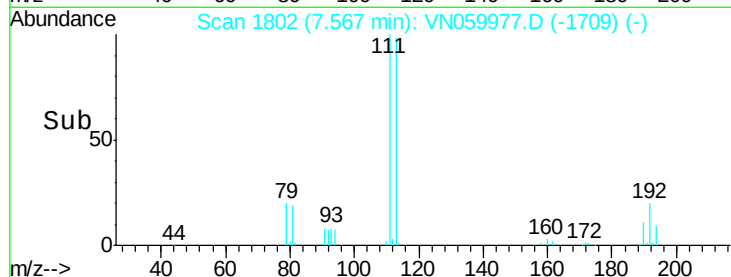
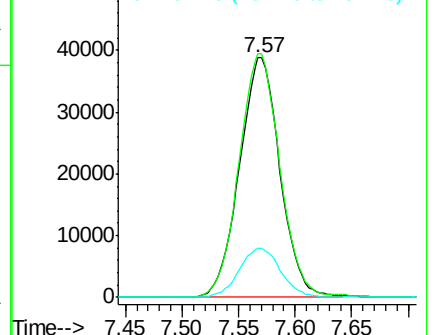
192 20.9 15.4 23.2



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



#40

Benzene

Concen: 14.119 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN059977.D

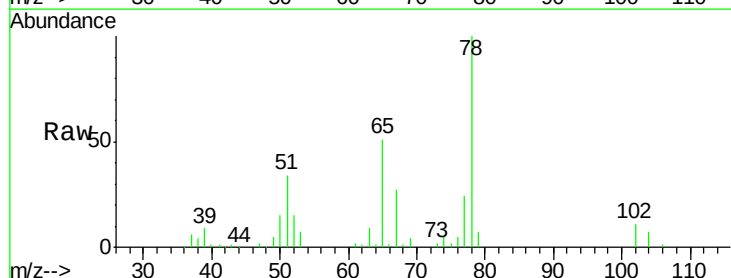
Acq: 3 Feb 2020 16:11

Tgt Ion: 78 Resp: 114377

Ion Ratio Lower Upper

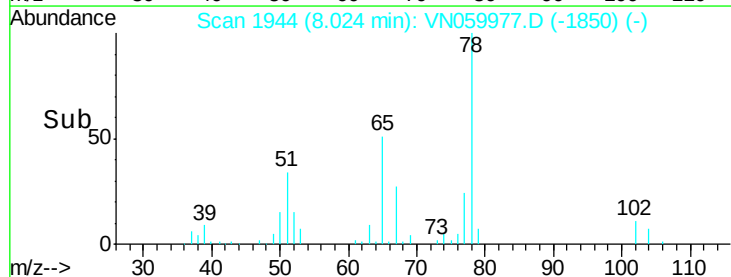
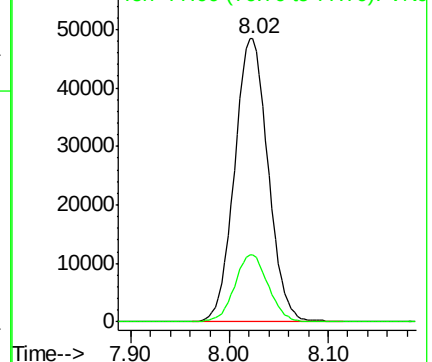
78 100

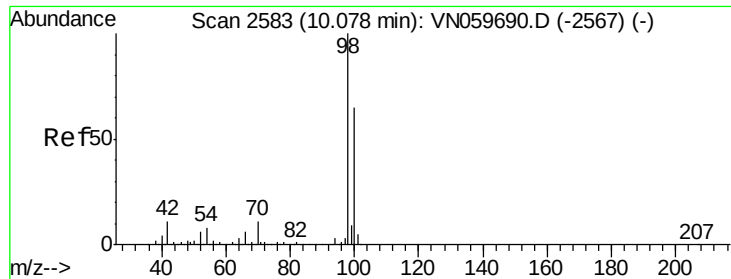
77 23.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 52.237 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059977.D

Acq: 3 Feb 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

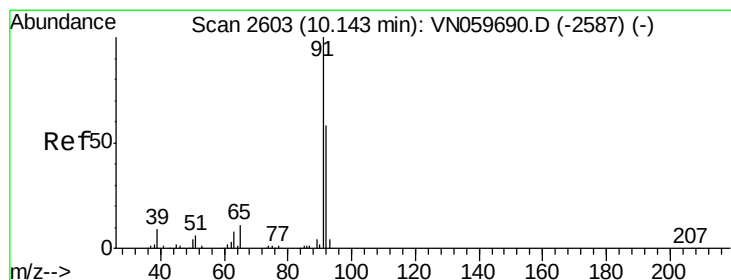
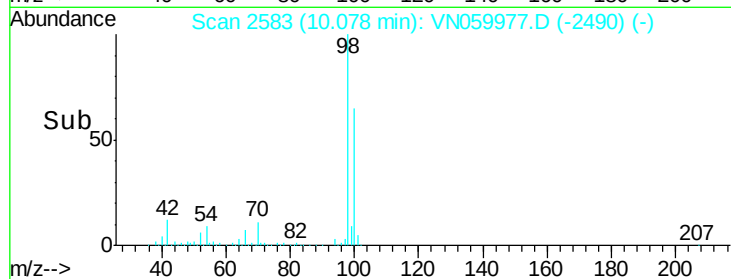
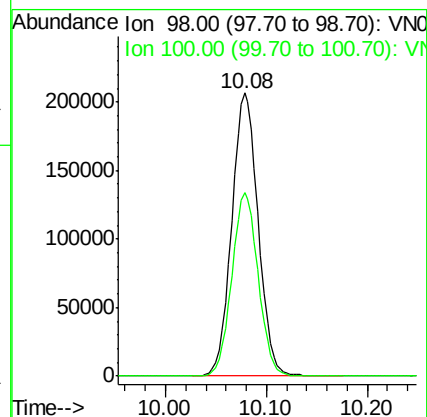
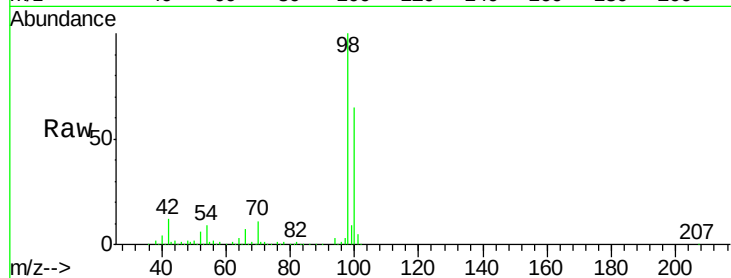
COMP-11

Tot Ion: 98 Resp: 376467

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#52

Toluene

Concen: 18.554 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059977.D

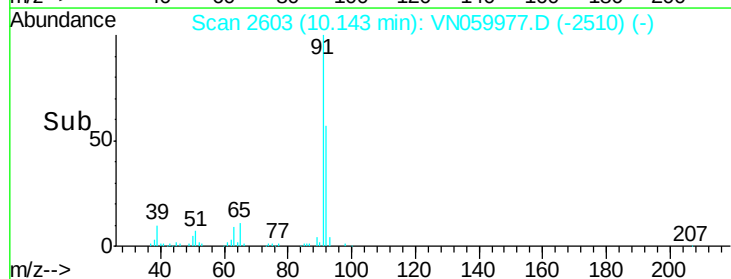
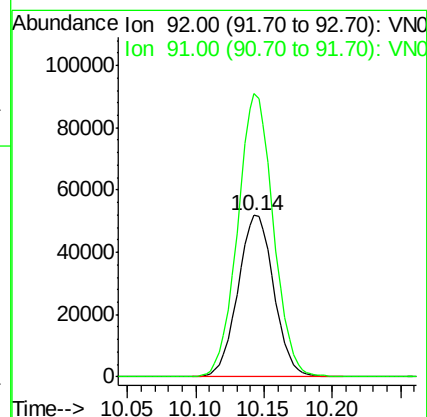
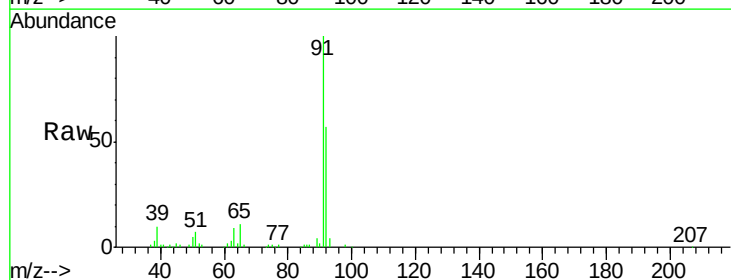
Acq: 3 Feb 2020 16:11

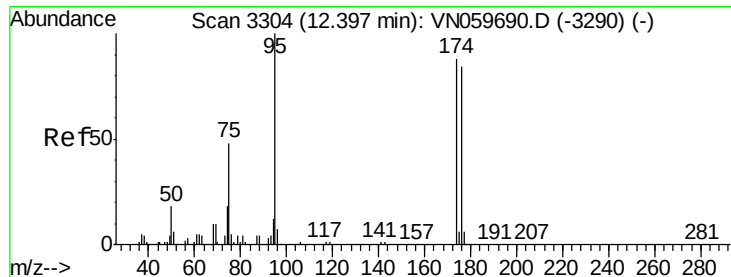
Tgt Ion: 92 Resp: 94942

Ion Ratio Lower Upper

92 100

91 173.8 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 52.694 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059977.D

Acq: 3 Feb 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

COMP-11

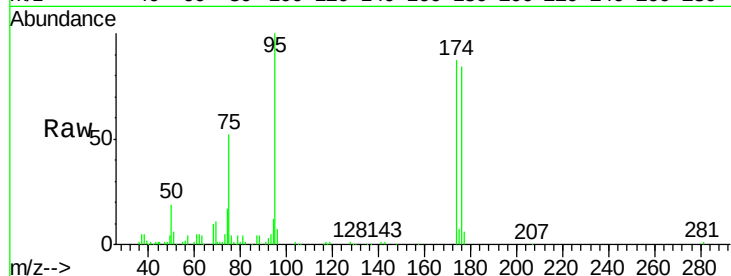
Tot Ion: 95 Resp: 136904

Ion Ratio Lower Upper

95 100

174 86.3 0.0 151.4

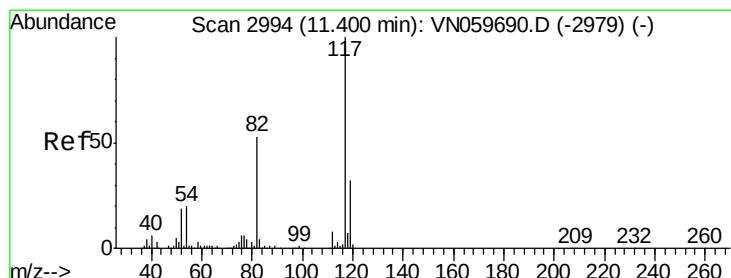
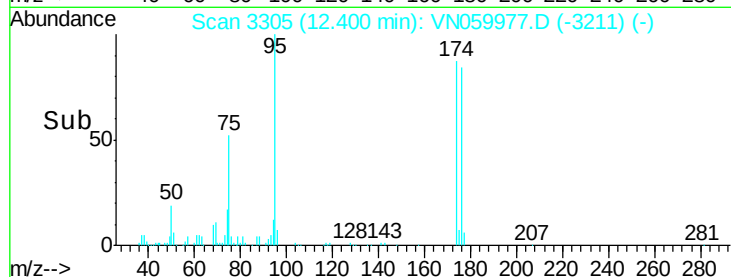
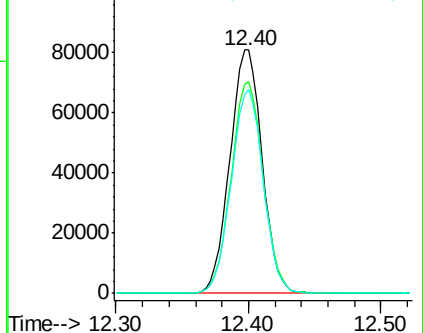
176 83.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059977.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059977.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059977.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059977.D

Acq: 3 Feb 2020 16:11

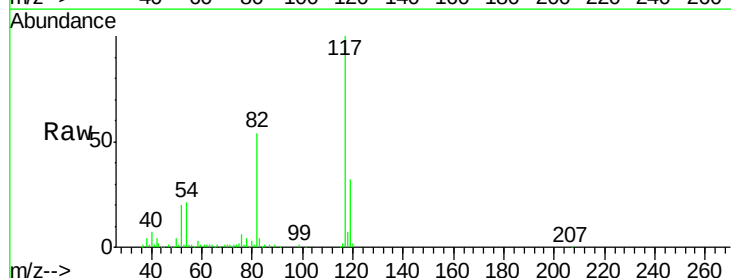
Tgt Ion: 117 Resp: 291954

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

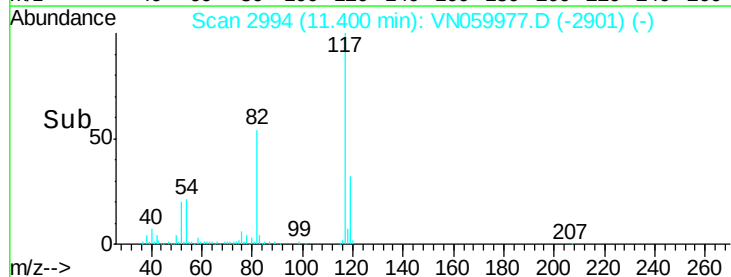
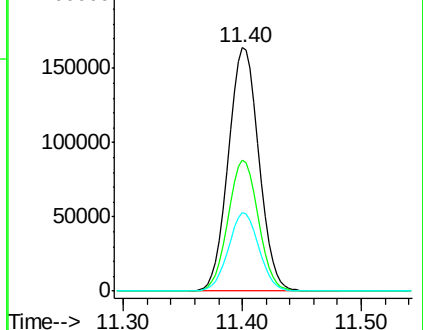
119 32.3 25.5 38.3

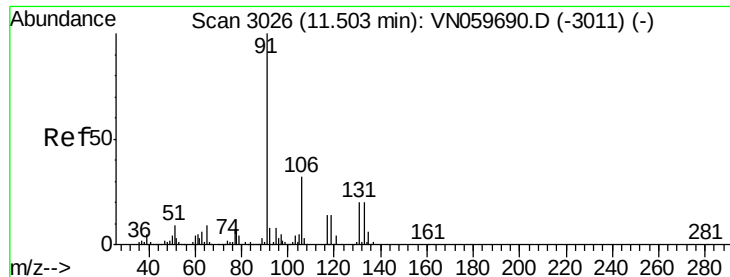


Abundance Ion 116.90 (116.60 to 117.60): VN059977.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059977.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059977.D (-2901) (-)

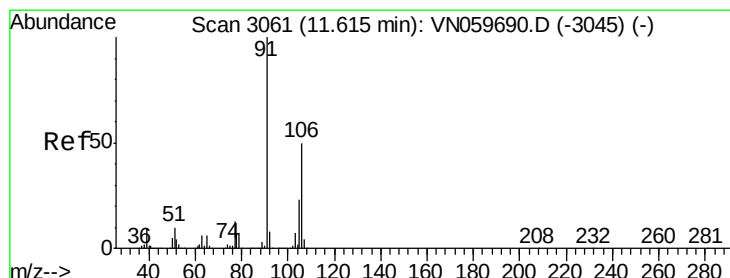
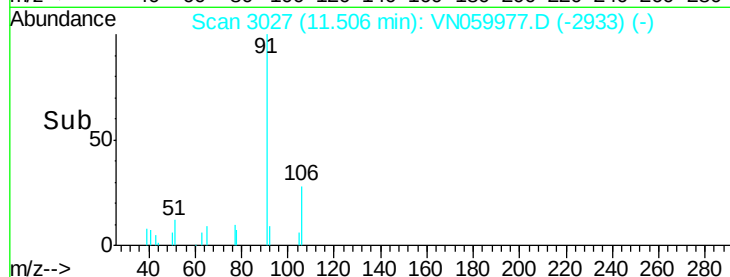
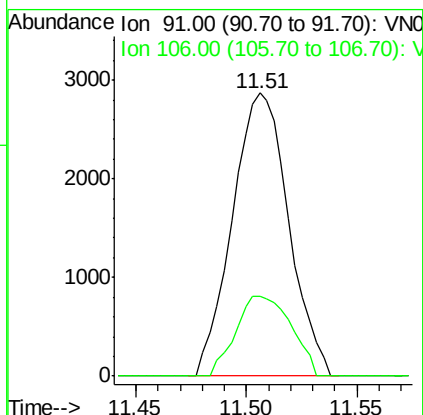
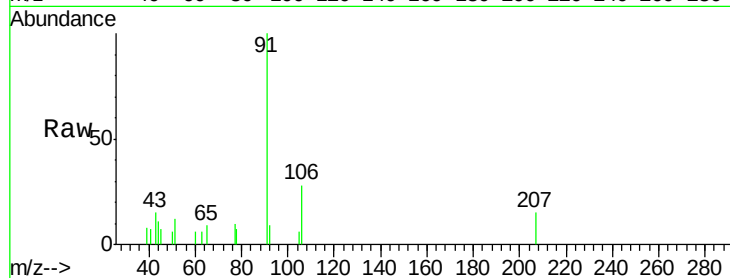




#67
Ethyl Benzene
Concen: 0.488 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

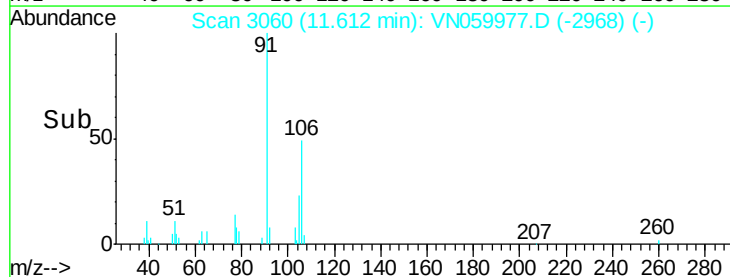
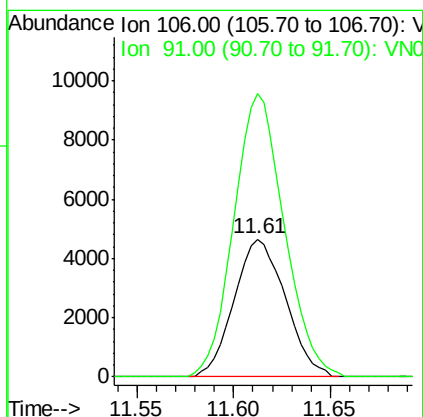
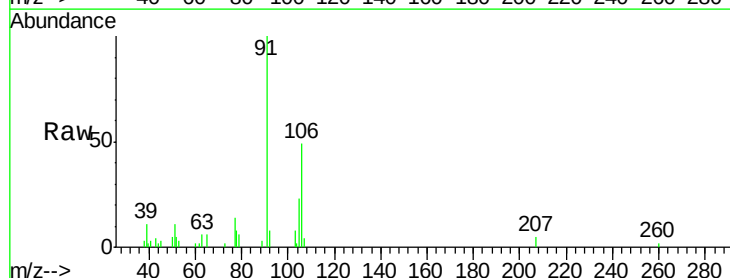
Instrument :
MSVOA_N
ClientSampleId :
COMP-11

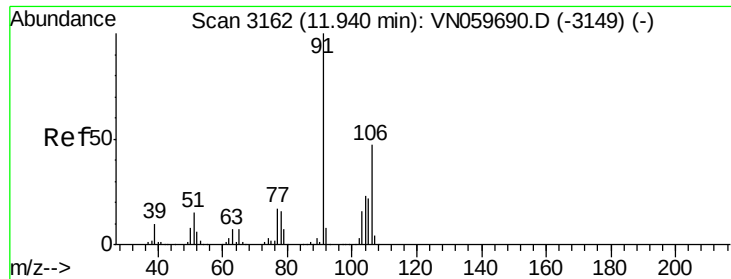
Tot Ion: 91 Resp: 5081
Ion Ratio Lower Upper
91 100
106 28.4 24.1 36.1



#68
m/p-Xylenes
Concen: 2.179 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

Tgt Ion: 106 Resp: 8576
Ion Ratio Lower Upper
106 100
91 201.9 167.9 251.9

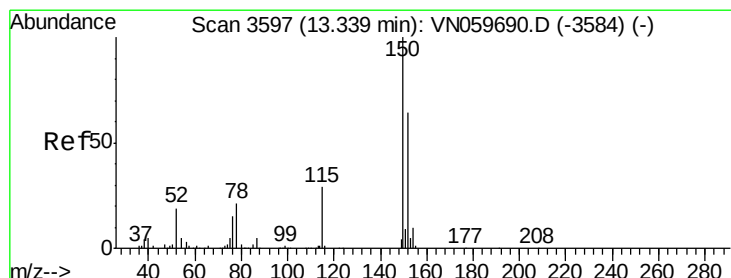
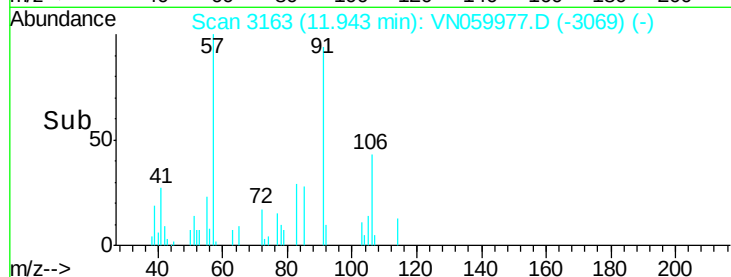
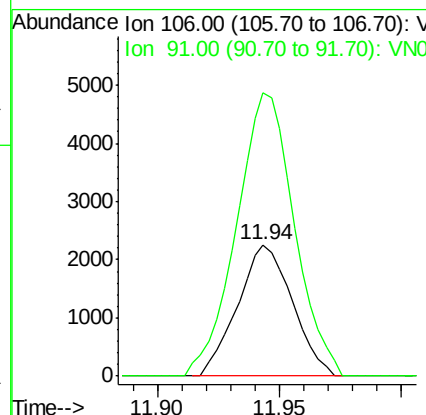
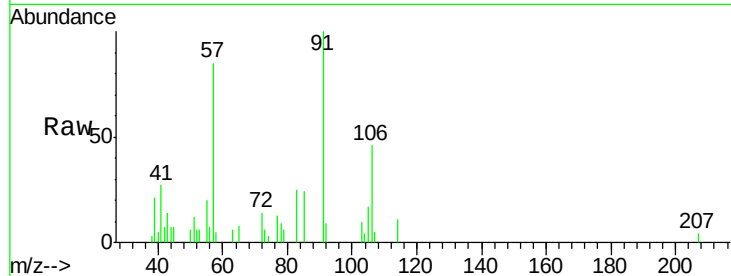




#69
o-Xylene
Concen: 0.909 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

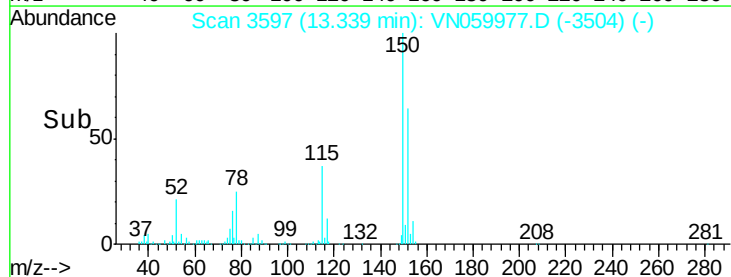
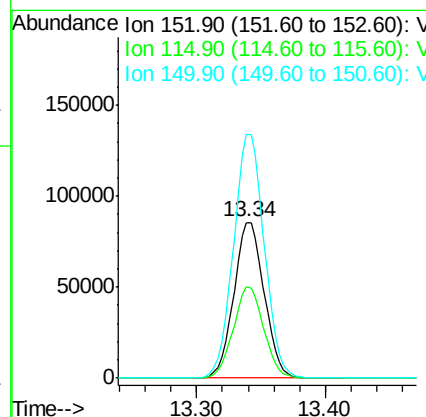
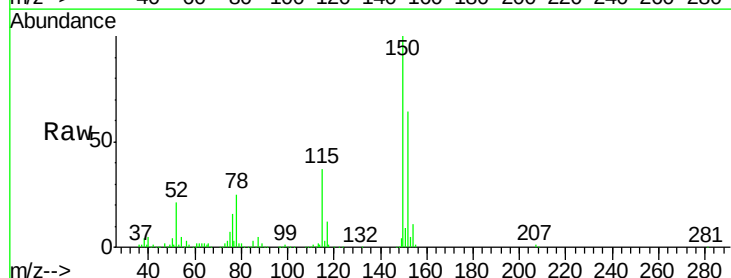
Instrument :
MSVOA_N
ClientSampled :
COMP-11

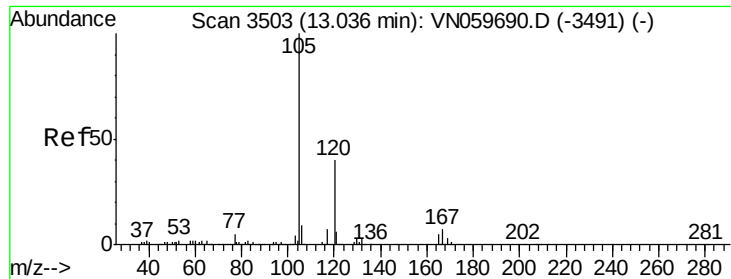
Tot Ion:106 Resp: 3503
Ion Ratio Lower Upper
106 100
91 227.8 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059977.D
Acq: 3 Feb 2020 16:11

Tgt Ion:152 Resp: 139364
Ion Ratio Lower Upper
152 100
115 58.7 30.3 90.9
150 158.8 0.0 345.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.514 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN059977.D
 Acq: 3 Feb 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-11

Tot Ion:105 Resp: 4370
 Ion Ratio Lower Upper
 105 100
 120 35.0 22.3 66.9

