

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059761.D
 Acq On : 17 Jan 2020 15:22
 Operator : JC/MD
 Sample : L1168-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jan 20 03:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	290812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110377	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	100946	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
35) Dibromofluoromethane	7.57	113	88243	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
50) Toluene-d8	10.08	98	334181	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	115250	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

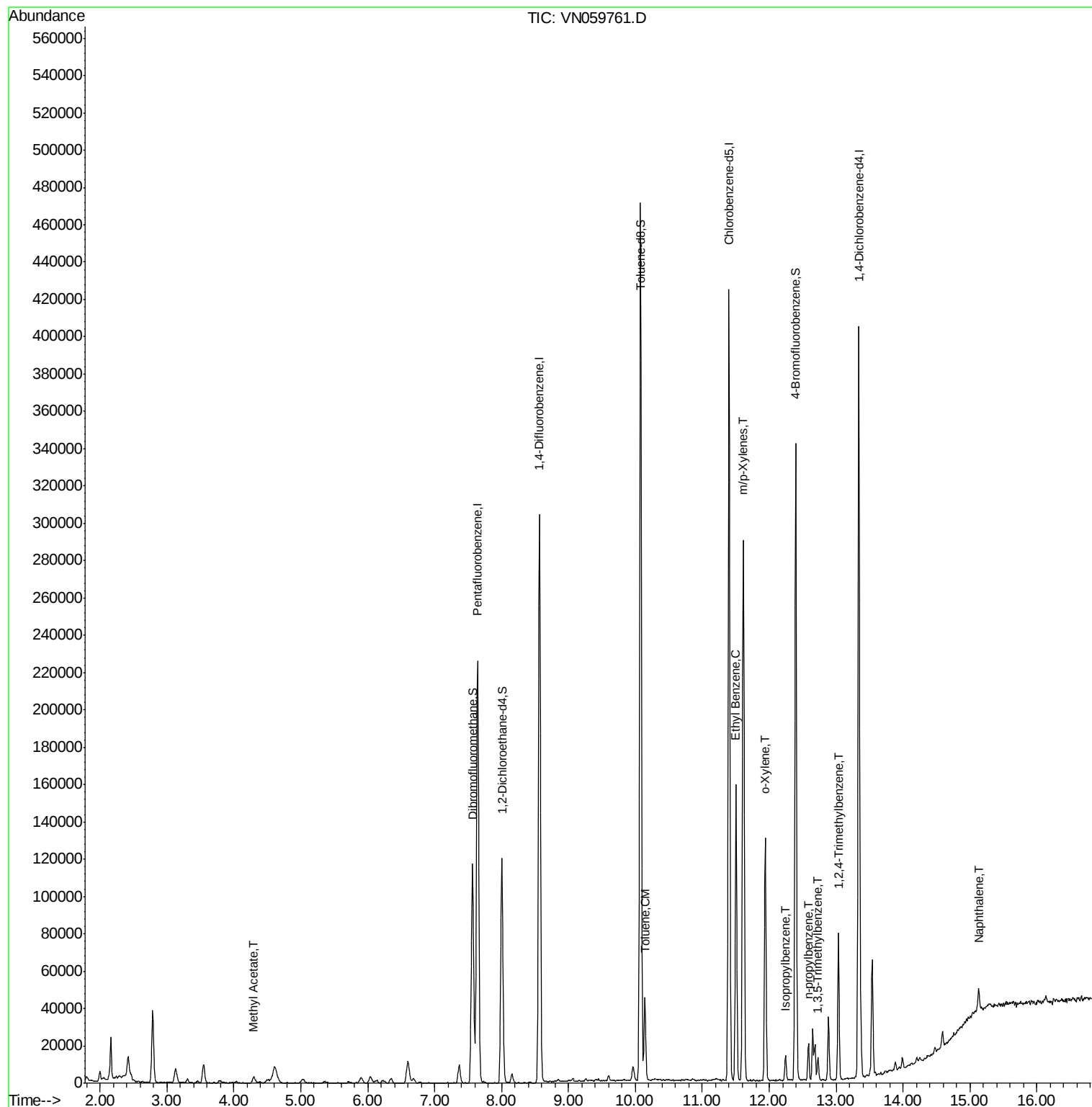
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.29	43	6552	2.592	ug/l	100
52) Toluene	10.14	92	19297	4.045	ug/l	98
67) Ethyl Benzene	11.50	91	115876	12.830	ug/l	97
68) m/p-Xylenes	11.61	106	99613	29.197	ug/l	93
69) o-Xylene	11.94	106	36406	10.900	ug/l	97
73) Isopropylbenzene	12.24	105	9352	1.155	ug/l	98
78) n-propylbenzene	12.59	91	16223	1.786	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7100	1.043	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	45184	6.709	ug/l	97
95) Naphthalene	15.13	128	10317	1.715	ug/l	100

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
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: VN059761.D

Acq: 17 Jan 2020 15:22

Instrument :

MSVOA_N

ClientSampled :

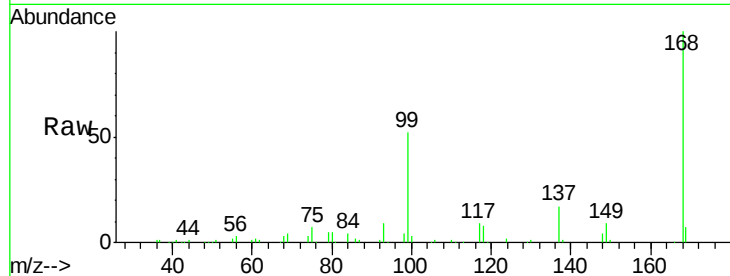
MW-3

Tot Ion:168 Resp: 194893

Ion Ratio Lower Upper

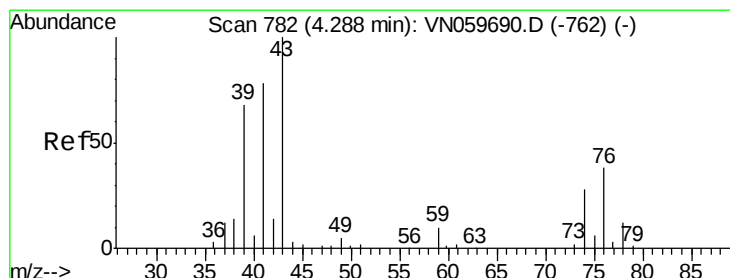
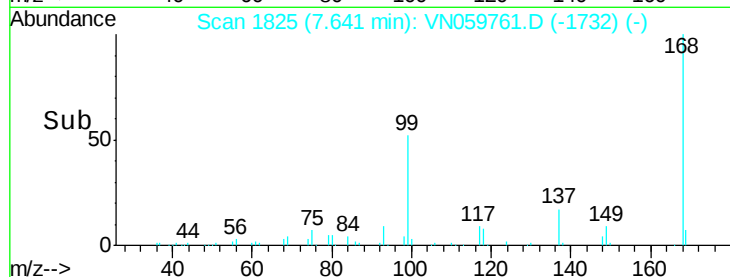
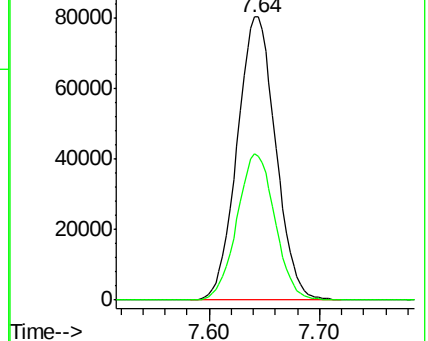
168 100

99 51.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#18

Methyl Acetate

Concen: 2.592 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059761.D

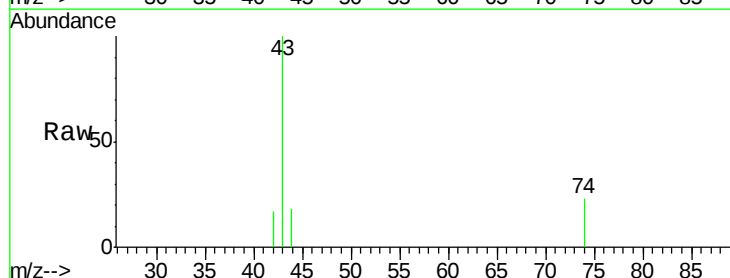
Acq: 17 Jan 2020 15:22

Tgt Ion: 43 Resp: 6552

Ion Ratio Lower Upper

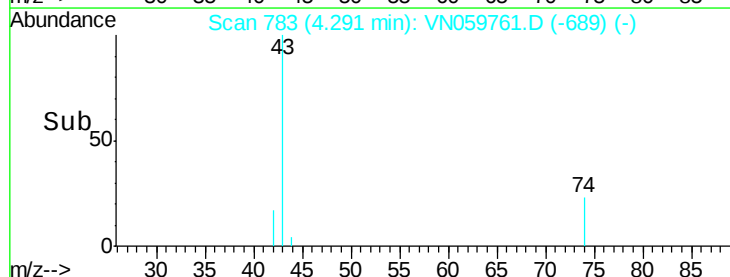
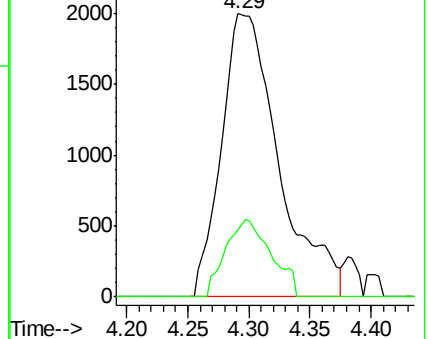
43 100

74 21.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

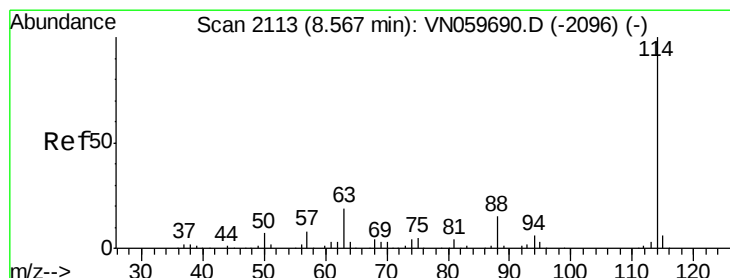
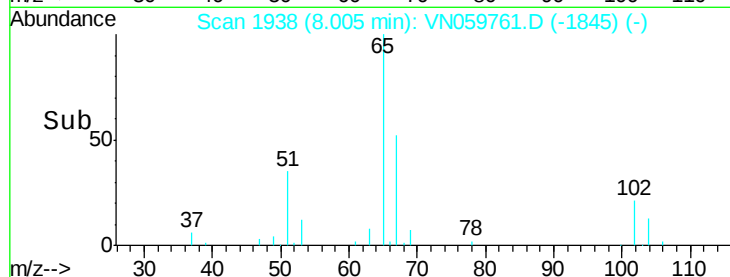
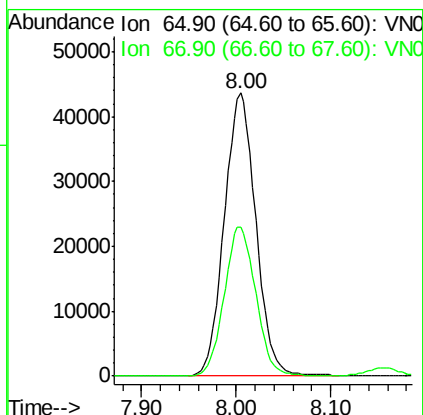
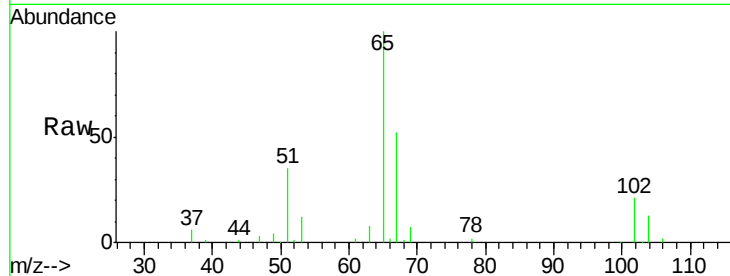




#33
 1,2-Dichloroethane-d4
 Concen: 46.641 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059761.D
 Acq: 17 Jan 2020 15:22

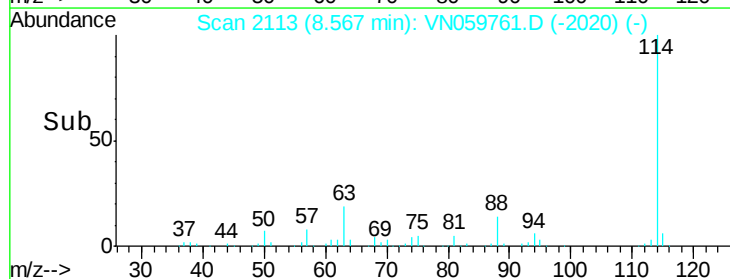
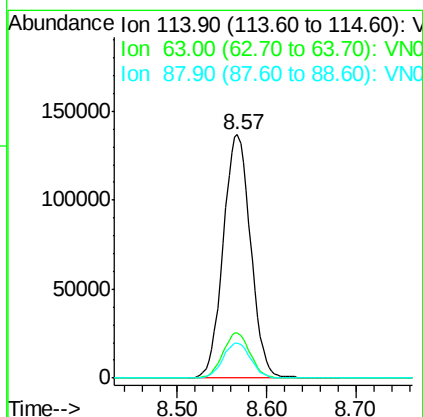
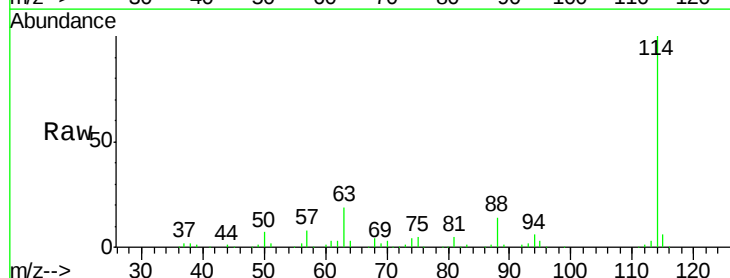
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion: 65 Resp: 100946
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VN059761.D
 Acq: 17 Jan 2020 15:22

Tgt Ion: 114 Resp: 290812
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 14.5 0.0 31.4

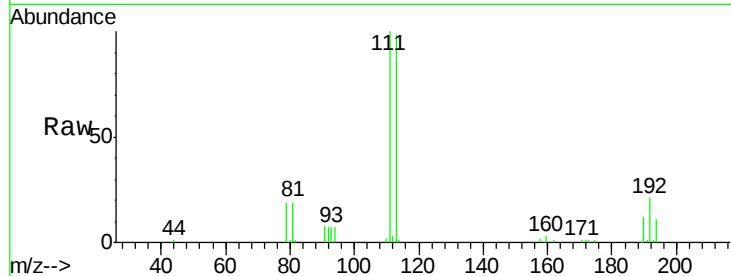




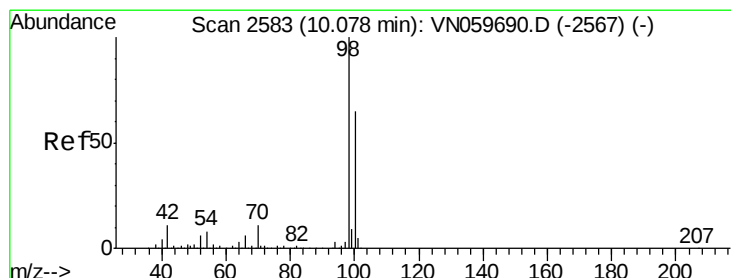
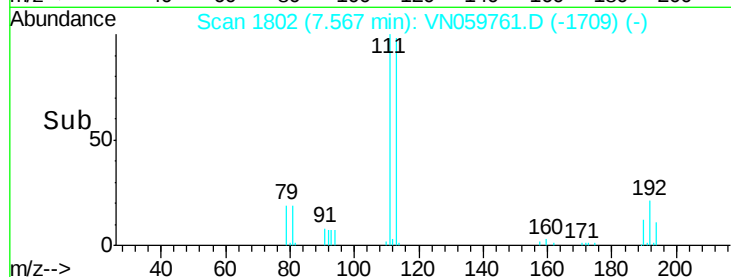
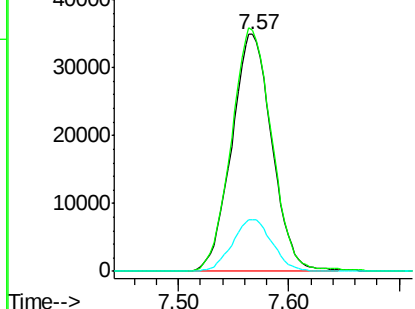
#35
 Dibromofluoromethane
 Concen: 50.883 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059761.D
 Acq: 17 Jan 2020 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion:113 Resp: 88243
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.5 125.3
 192 21.5 15.4 23.2

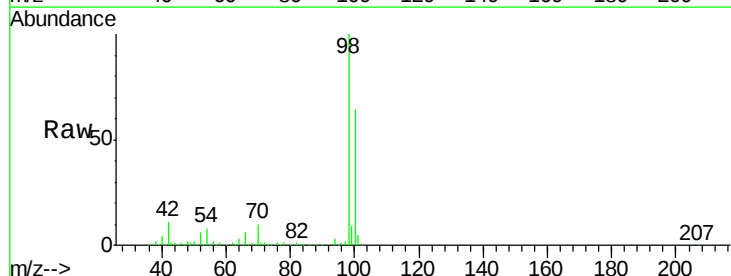


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

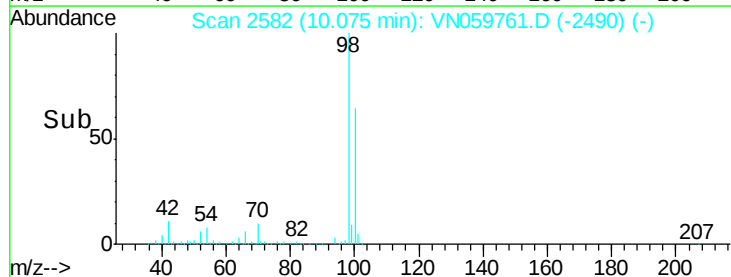
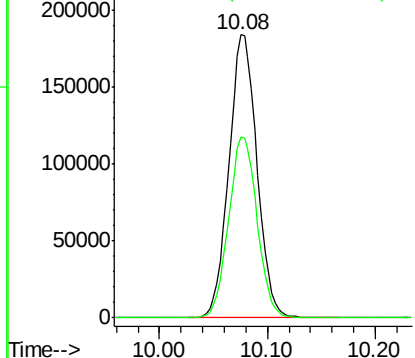


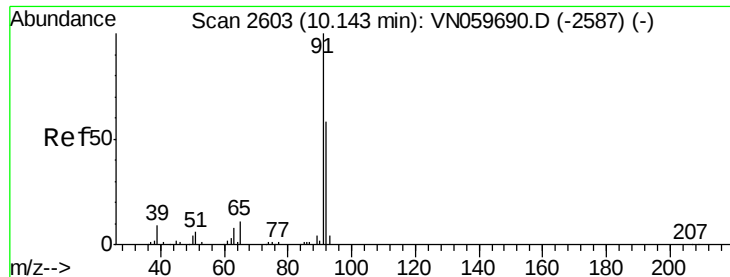
#50
 Toluene-d8
 Concen: 49.734 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN059761.D
 Acq: 17 Jan 2020 15:22

Tgt Ion: 98 Resp: 334181
 Ion Ratio Lower Upper
 98 100
 100 64.8 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: 4.045 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059761.D

Acq: 17 Jan 2020 15:22

Instrument :

MSVOA_N

ClientSampleId :

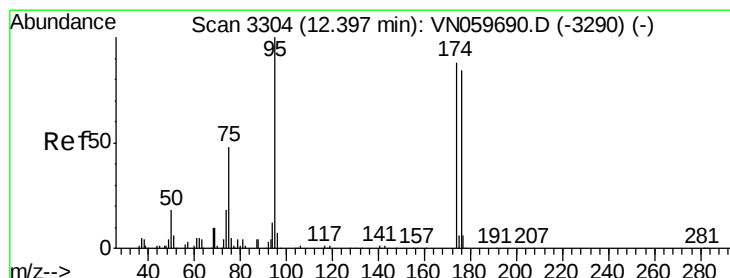
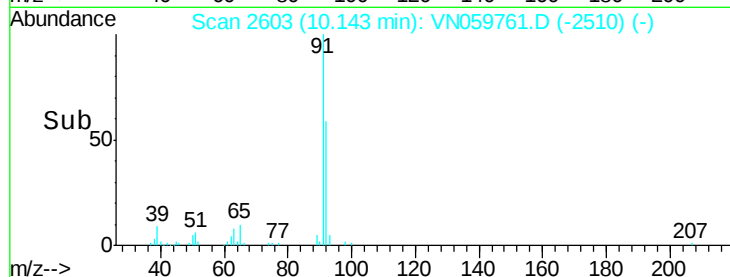
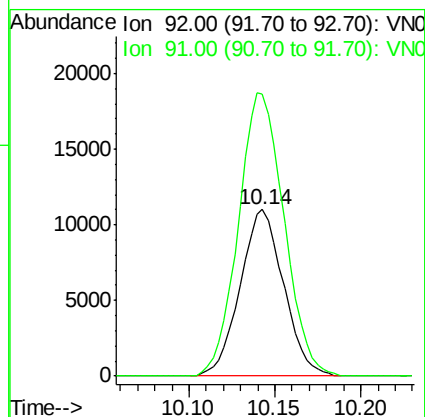
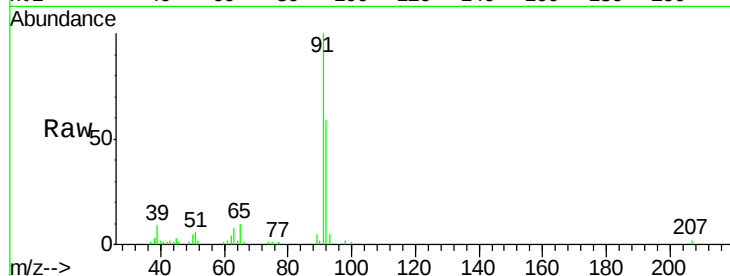
MW-3

Tot Ion: 92 Resp: 19297

Ion Ratio Lower Upper

92 100

91 178.4 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 47.579 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059761.D

Acq: 17 Jan 2020 15:22

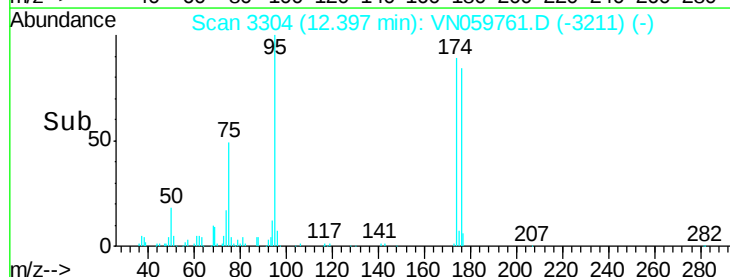
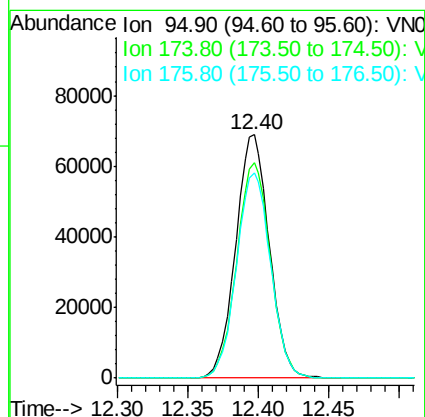
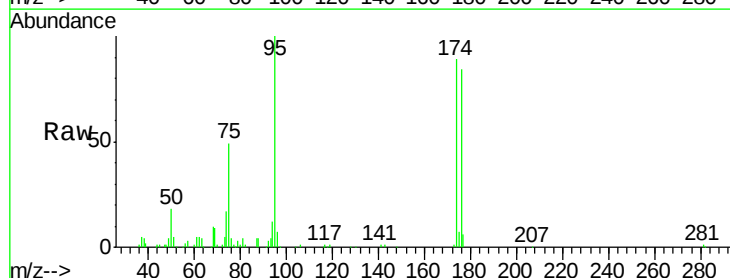
Tgt Ion: 95 Resp: 115250

Ion Ratio Lower Upper

95 100

174 88.5 0.0 151.4

176 85.6 0.0 146.0

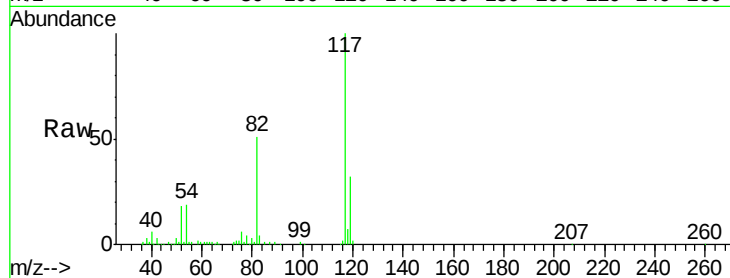




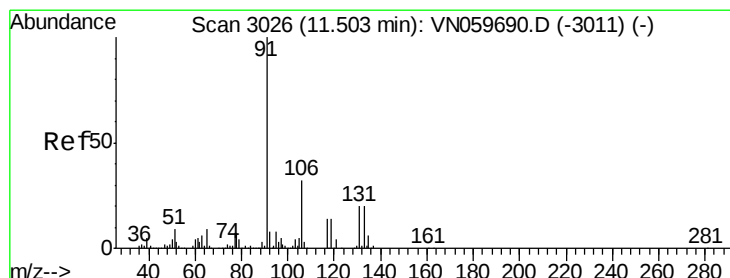
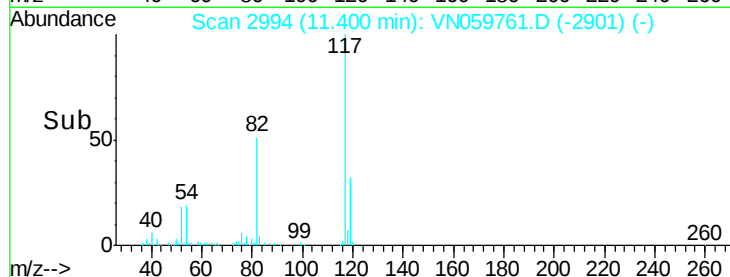
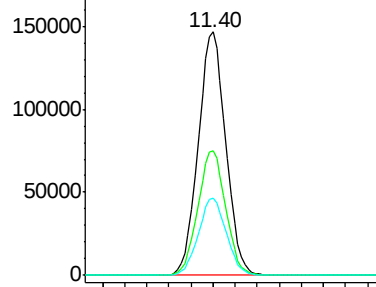
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059761.D
Acq: 17 Jan 2020 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	45.9	68.9
119	31.6	25.5	38.3

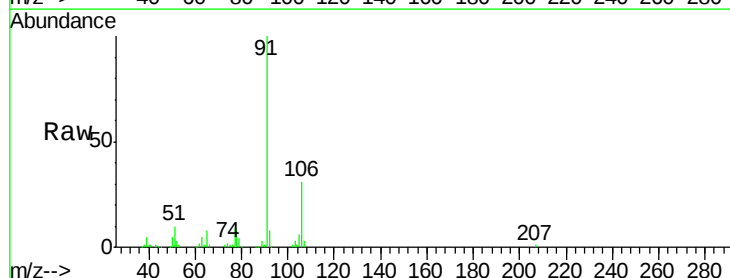


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

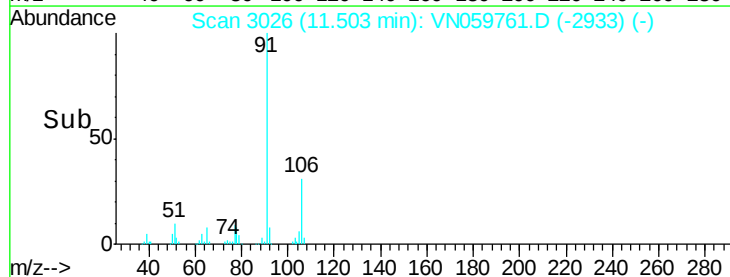
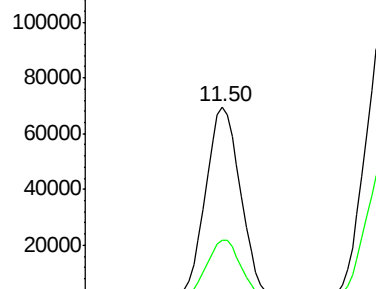


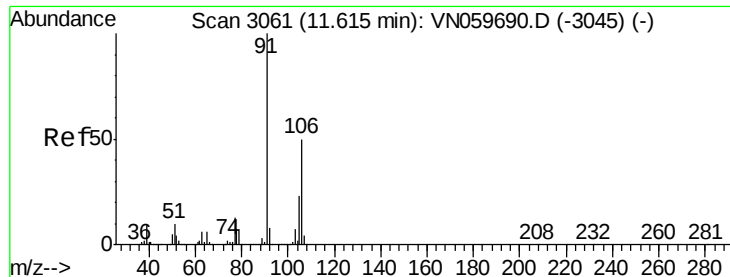
#67
Ethyl Benzene
Concen: 12.830 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059761.D
Acq: 17 Jan 2020 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.1	36.1



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

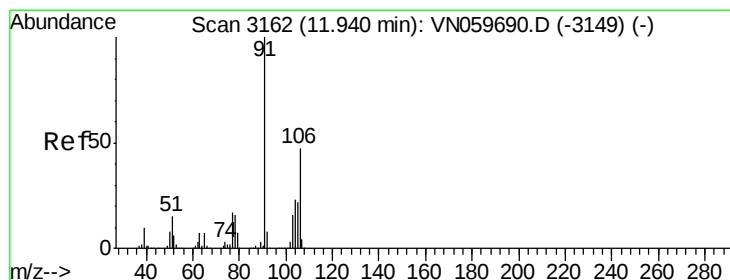
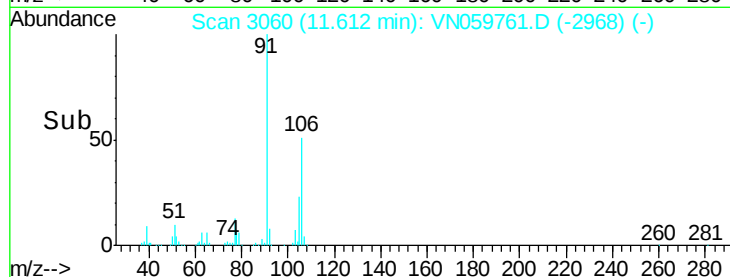
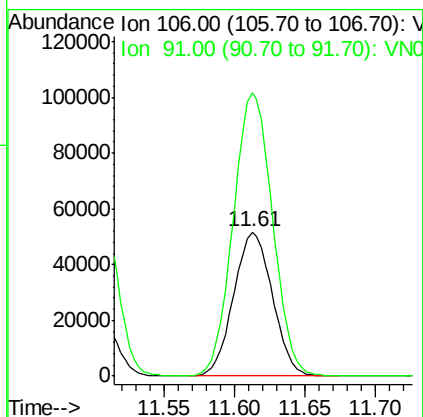
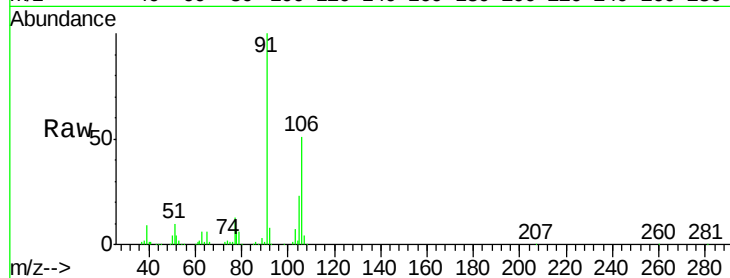




#68
m/p-Xylenes
Concen: 29.197 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059761.D
Acq: 17 Jan 2020 15:22

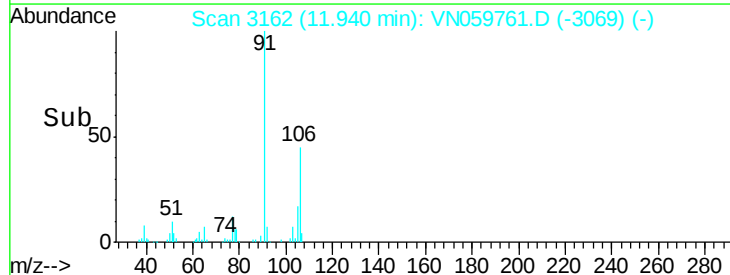
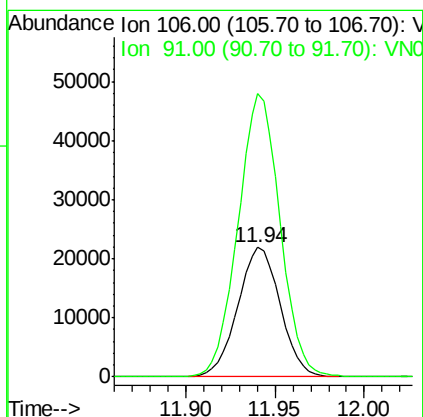
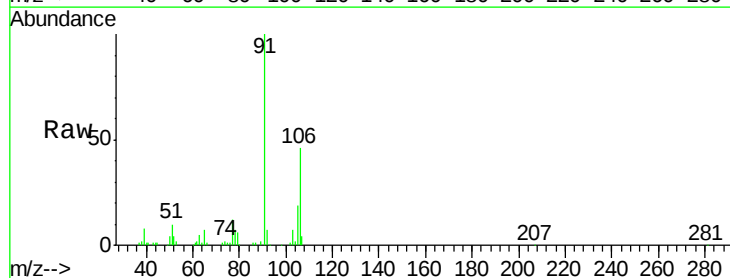
Instrument :
MSVOA_N
ClientSampleId :
MW-3

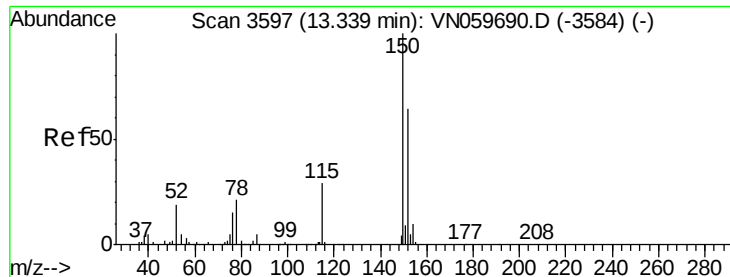
Tot Ion:106 Resp: 99613
Ion Ratio Lower Upper
106 100
91 199.0 167.9 251.9



#69
o-Xylene
Concen: 10.900 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059761.D
Acq: 17 Jan 2020 15:22

Tgt Ion:106 Resp: 36406
Ion Ratio Lower Upper
106 100
91 215.8 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059761.D

Acq: 17 Jan 2020 15:22

Instrument :

MSVOA_N

ClientSampled :

MW-3

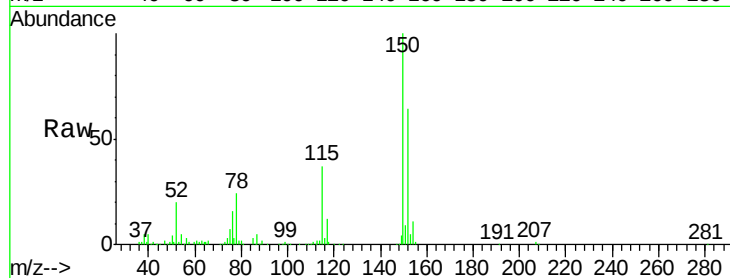
Tot Ion:152 Resp: 110377

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

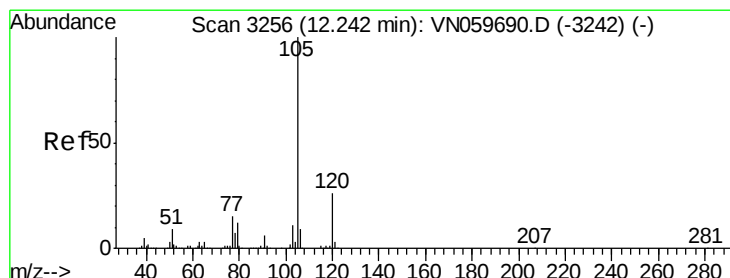
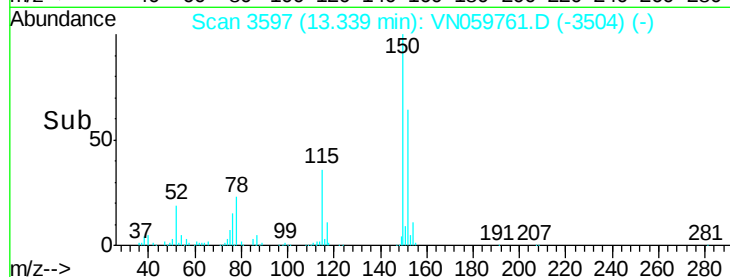
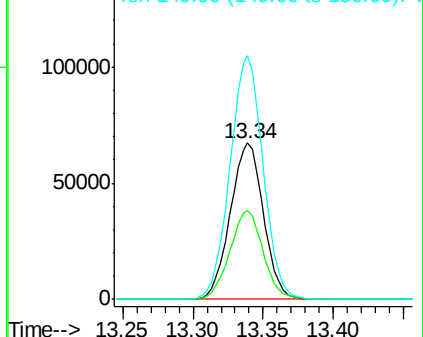
150 155.5 0.0 345.2



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



#73

Isopropylbenzene

Concen: 1.155 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059761.D

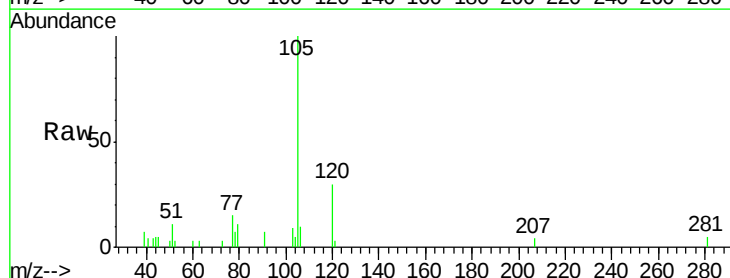
Acq: 17 Jan 2020 15:22

Tgt Ion:105 Resp: 9352

Ion Ratio Lower Upper

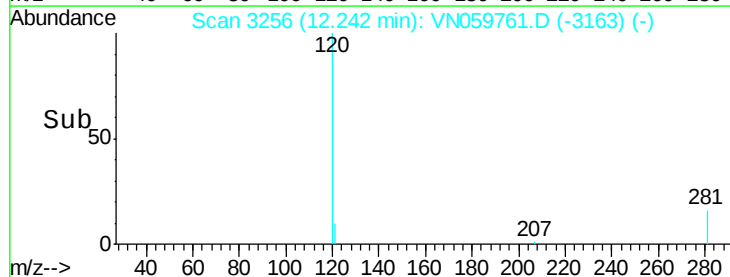
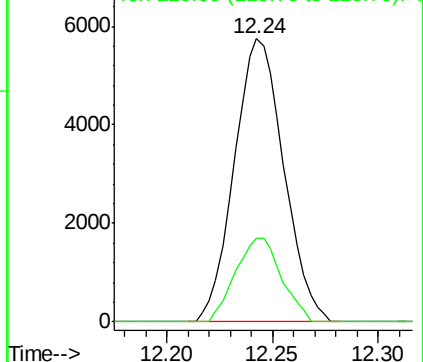
105 100

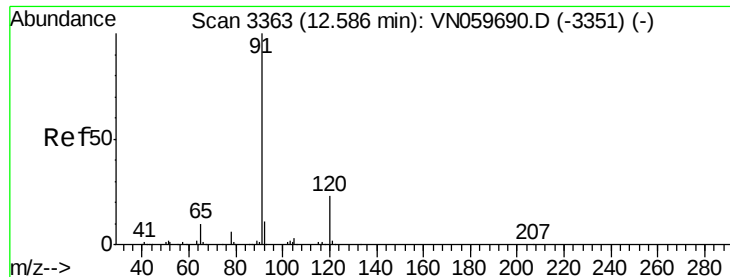
120 27.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.786 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059761.D

Acq: 17 Jan 2020 15:22

Instrument :

MSVOA_N

ClientSampled :

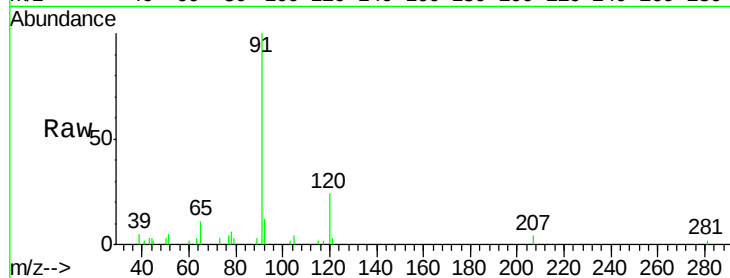
MW-3

Tot Ion: 91 Resp: 16223

Ion Ratio Lower Upper

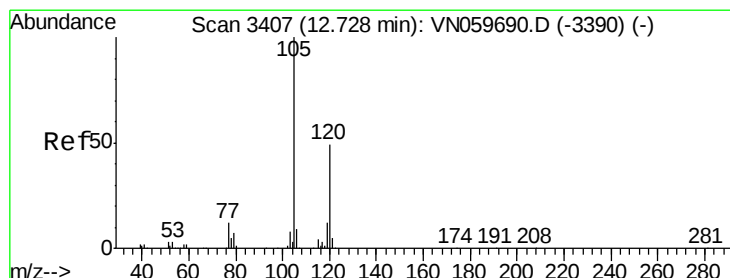
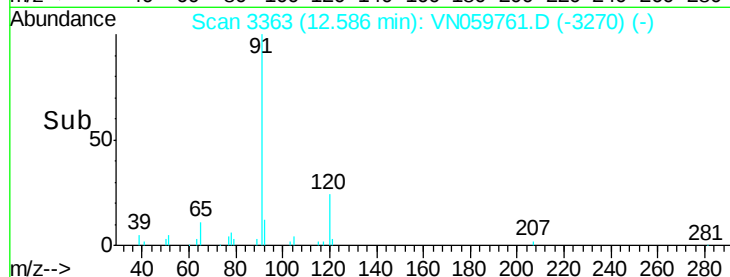
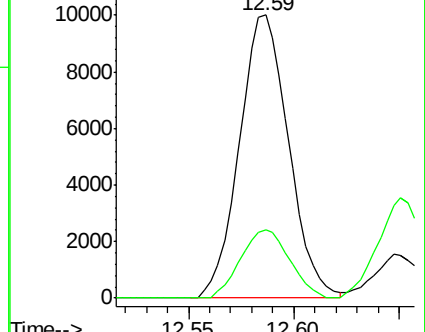
91 100

120 23.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN059761.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN059761.D (-3351) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.043 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059761.D

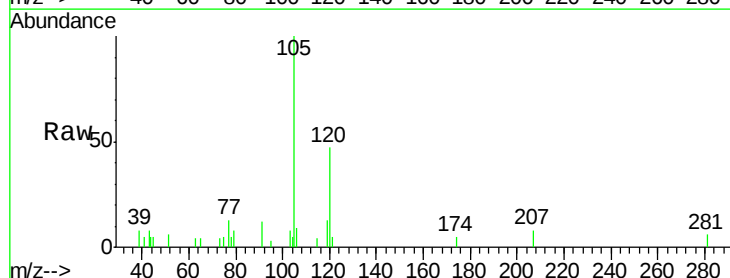
Acq: 17 Jan 2020 15:22

Tgt Ion: 105 Resp: 7100

Ion Ratio Lower Upper

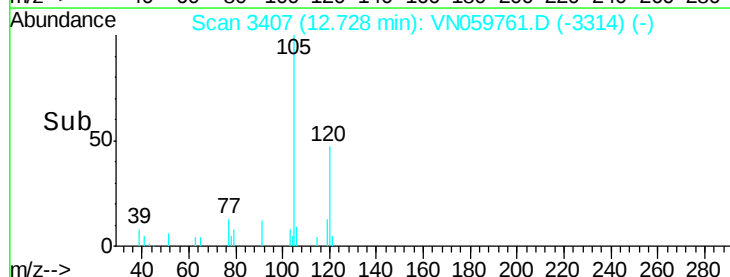
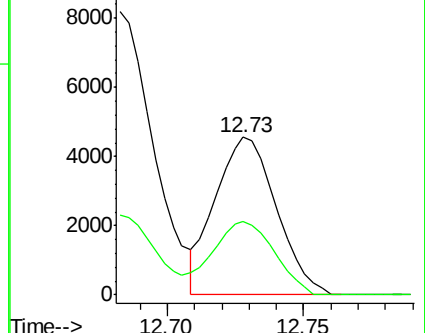
105 100

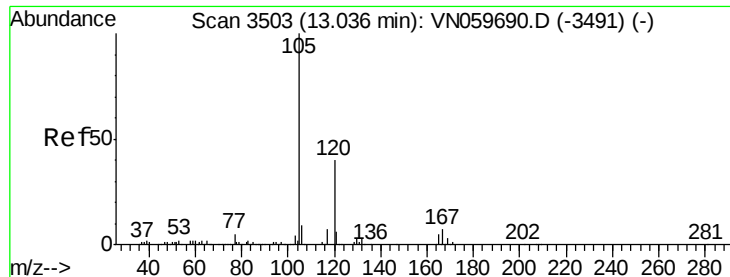
120 47.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059761.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059761.D (-3390) (-)

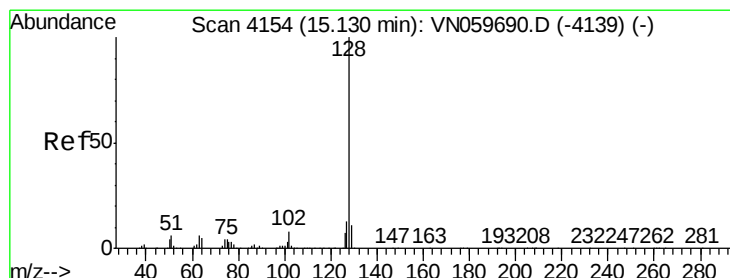
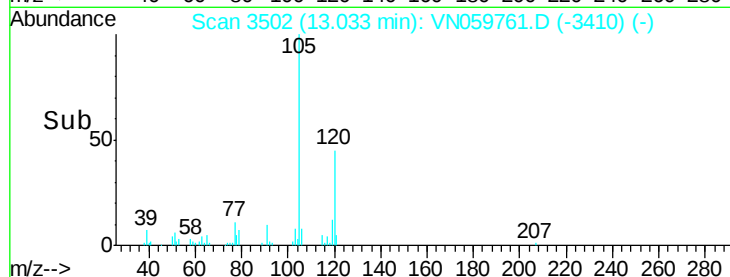
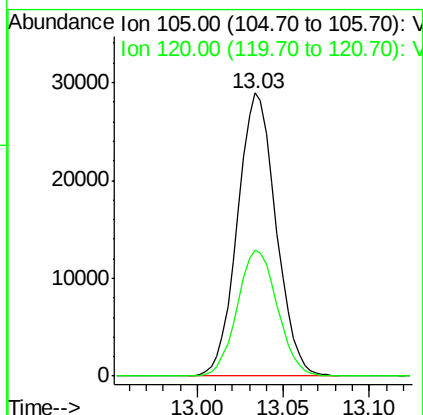
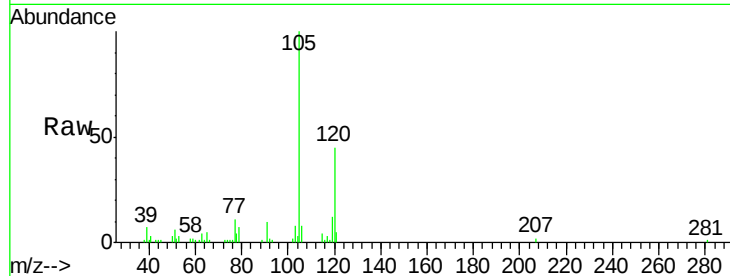




#84
 1,2,4-Trimethylbenzene
 Concen: 6.709 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059761.D
 Acq: 17 Jan 2020 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion:105 Resp: 45184
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.3 66.9



#95
 Naphthalene
 Concen: 1.715 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059761.D
 Acq: 17 Jan 2020 15:22

Tgt Ion:128 Resp: 10317
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 10.8 8.6 12.8

