

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064729.D
 Acq On : 19 Nov 2020 13:37
 Operator : JC/MD
 Sample : L4783-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Nov 24 06:12:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

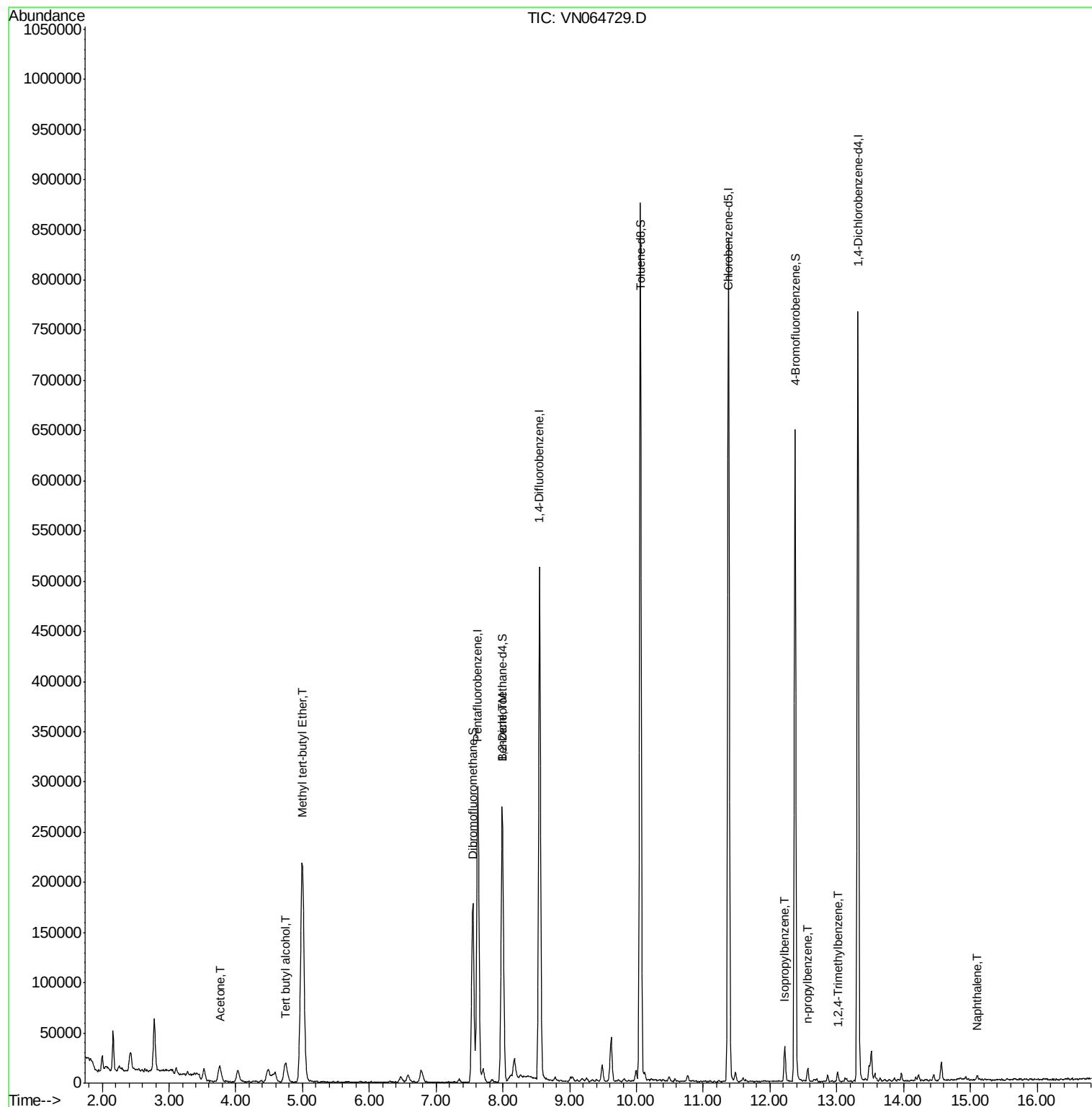
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	202683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201700	56.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.14%	
35) Dibromofluoromethane	7.55	113	130661	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
50) Toluene-d8	10.06	98	573995	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.37	95	214744	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.74	59	31933	92.315	ug/l #	70
16) Acetone	3.77	43	13822	20.762	ug/l #	68
19) Methyl tert-butyl Ether	5.00	73	339769	46.599	ug/l	96
40) Benzene	8.00	78	70214	5.861	ug/l	95
73) Isopropylbenzene	12.22	105	19611	1.524	ug/l	98
78) n-propylbenzene	12.57	91	9649	0.644	ug/l	92
84) 1,2,4-Trimethylbenzene	13.01	105	5279	0.484	ug/l	99
95) Naphthalene	15.11	128	4285	0.421	ug/l	99

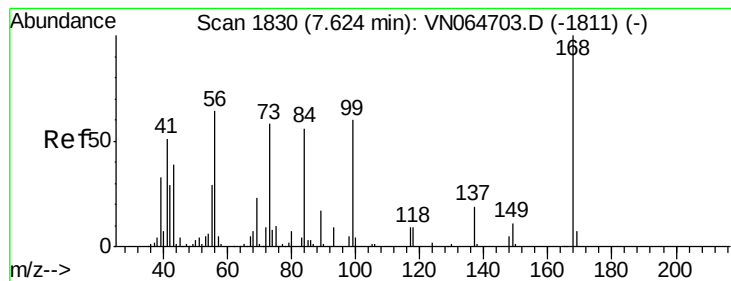
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064729.D

Acq: 19 Nov 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

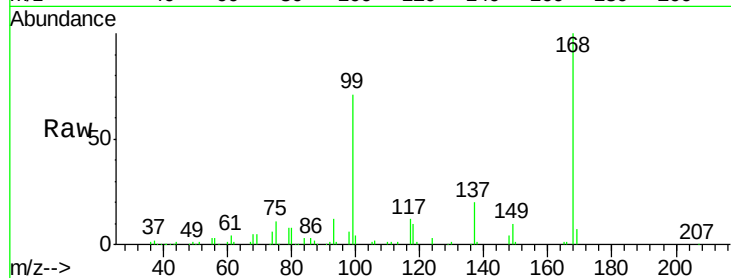
MW-14

Tot Ion:168 Resp: 202683

Ion Ratio Lower Upper

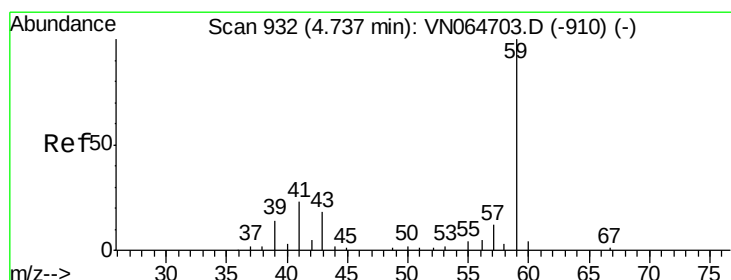
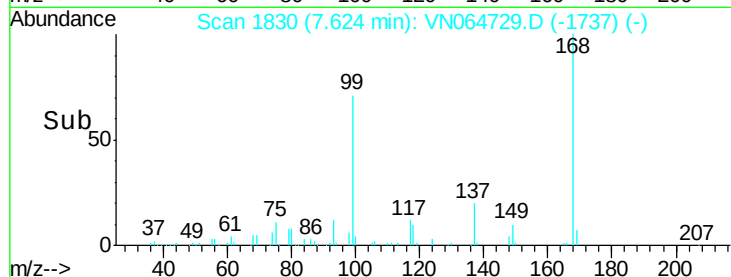
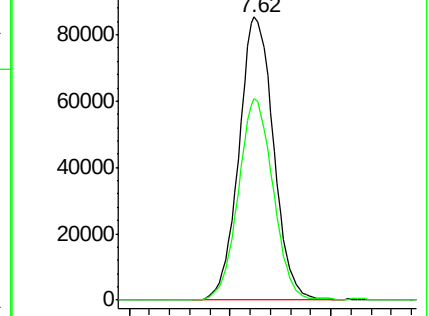
168 100

99 71.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 92.315 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: VN064729.D

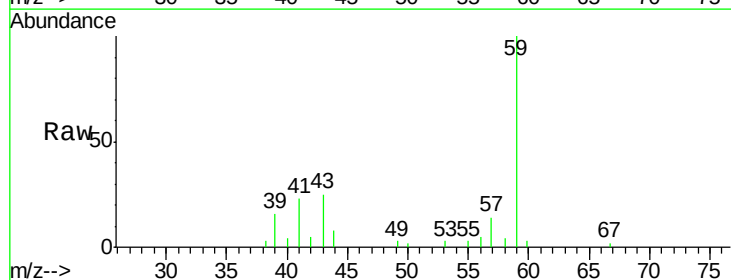
Acq: 19 Nov 2020 13:37

Tgt Ion: 59 Resp: 31933

Ion Ratio Lower Upper

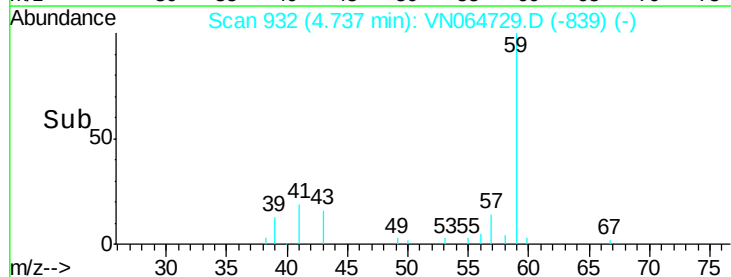
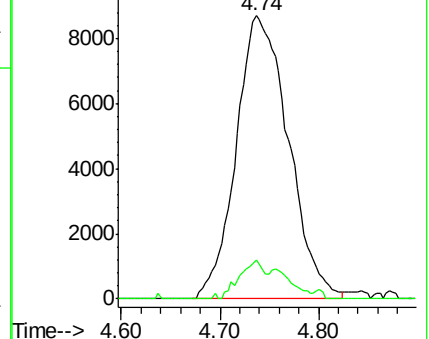
59 100

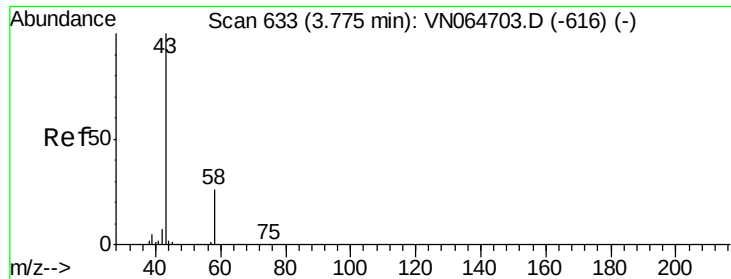
57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 20.762 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN064729.D

Acq: 19 Nov 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

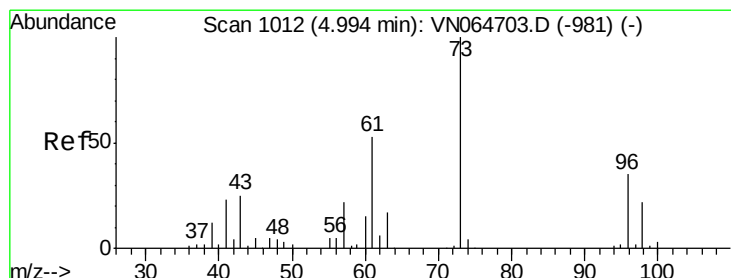
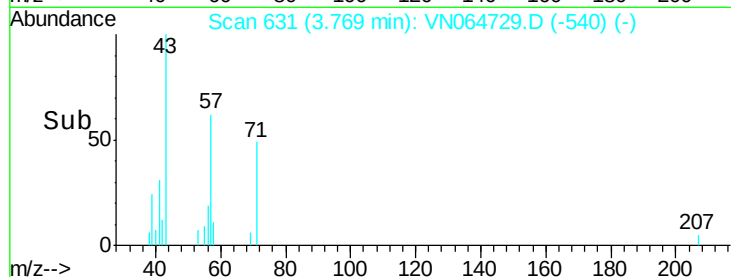
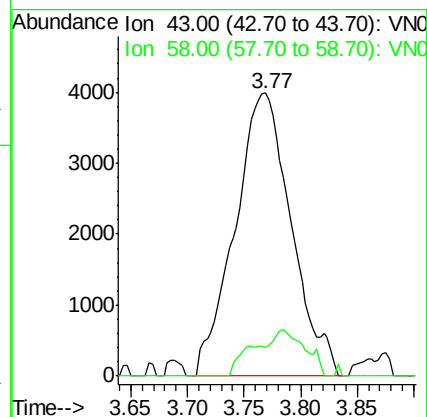
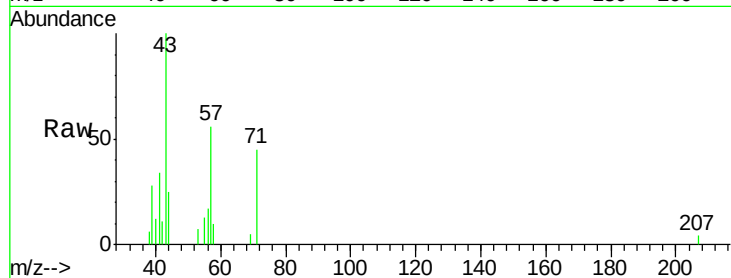
MW-14

Tot Ion: 43 Resp: 13822

Ion Ratio Lower Upper

43 100

58 10.2 21.2 31.8#



#19

Methyl tert-butyl Ether

Concen: 46.599 ug/l

RT: 5.00 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VN064729.D

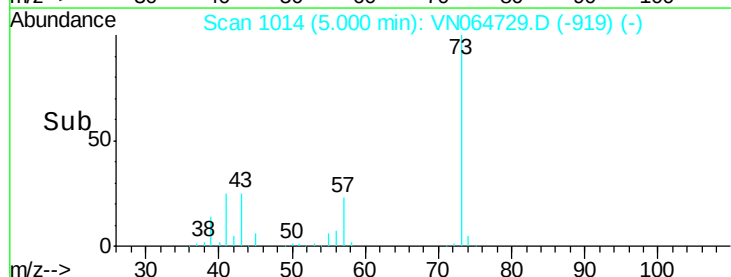
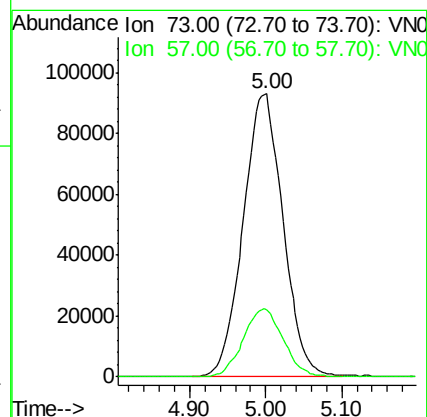
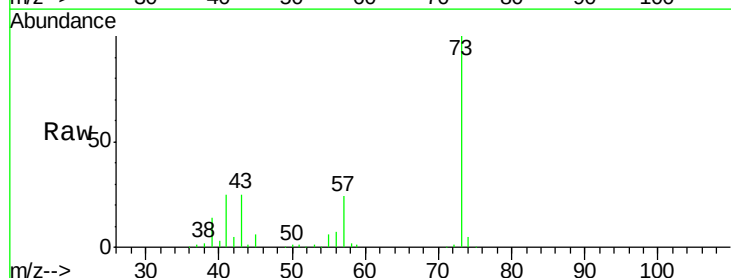
Acq: 19 Nov 2020 13:37

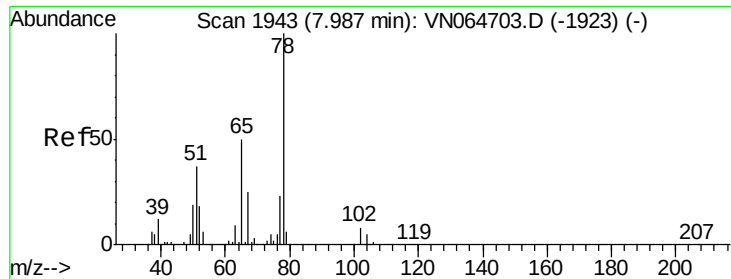
Tgt Ion: 73 Resp: 339769

Ion Ratio Lower Upper

73 100

57 23.6 17.3 25.9

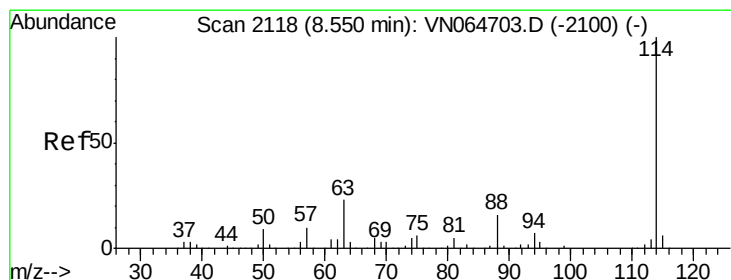
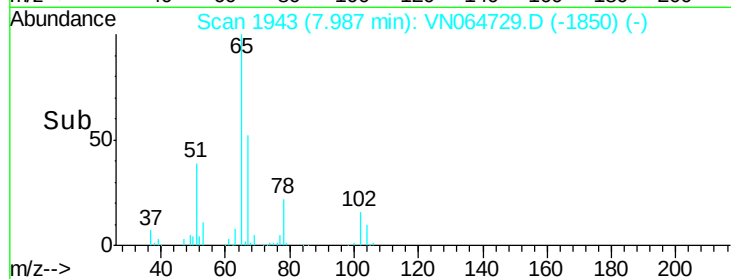
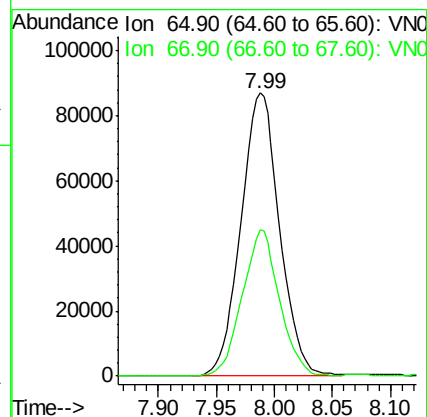
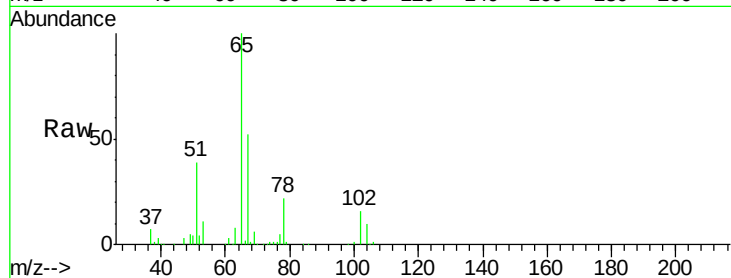




#33
 1,2-Dichloroethane-d4
 Concen: 56.569 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064729.D
 Acq: 19 Nov 2020 13:37

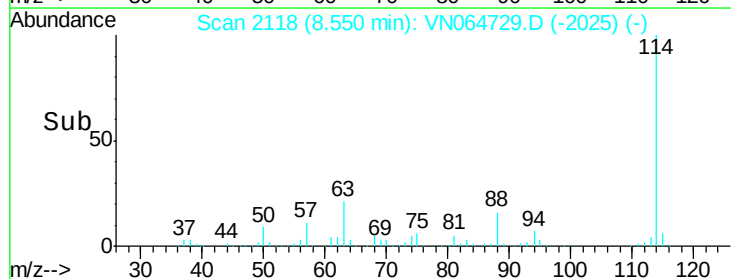
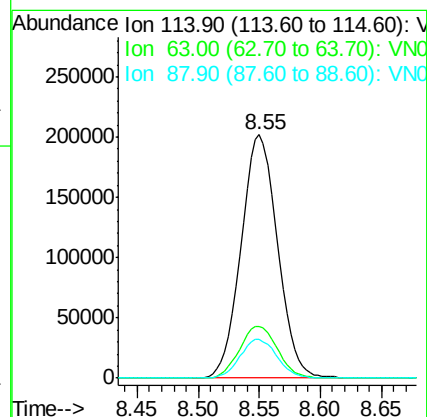
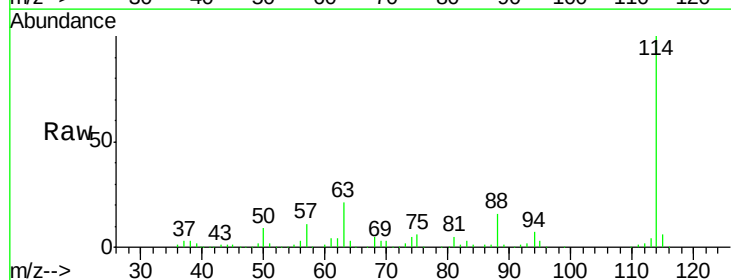
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

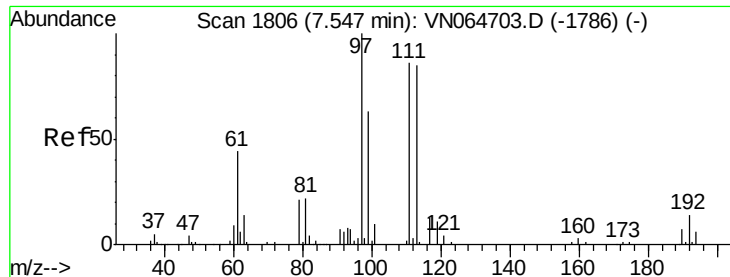
Tot Ion: 65 Resp: 201700
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064729.D
 Acq: 19 Nov 2020 13:37

Tgt Ion: 114 Resp: 417922
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 46.0
 88 15.8 0.0 31.2

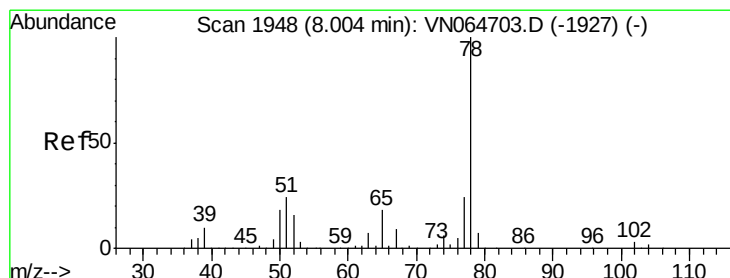
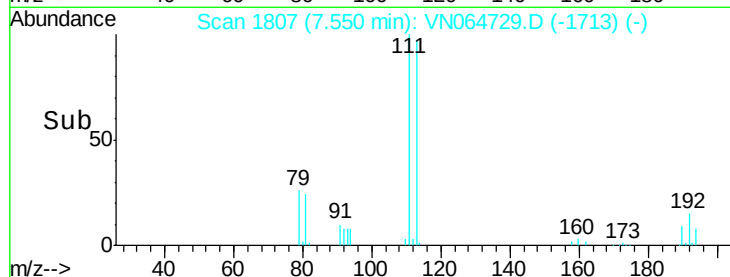
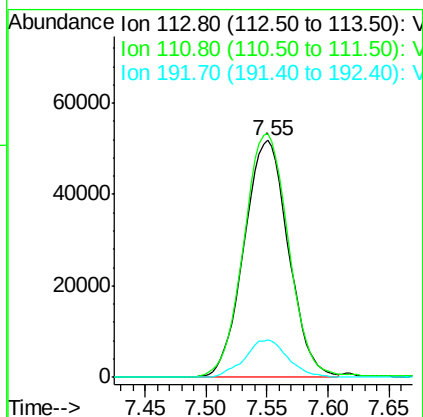
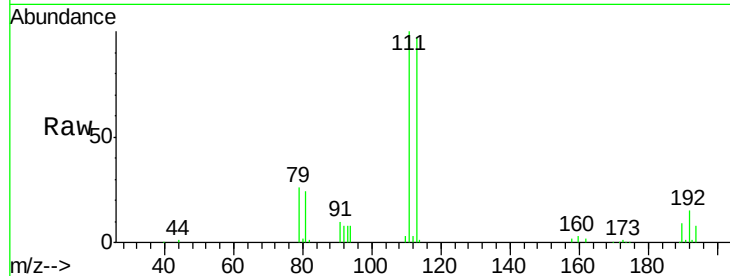




#35
 Dibromofluoromethane
 Concen: 54.930 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064729.D
 Acq: 19 Nov 2020 13:37

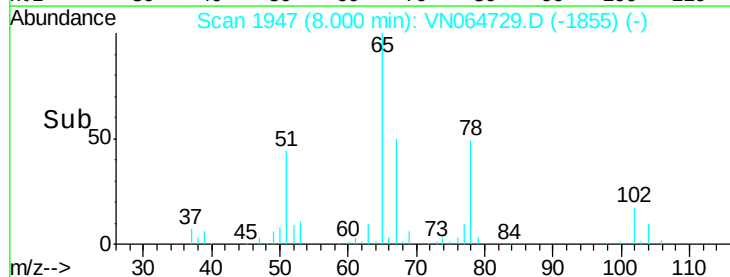
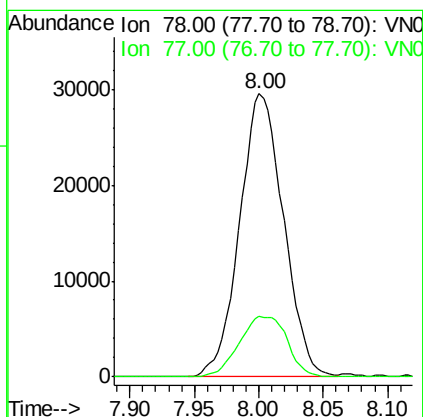
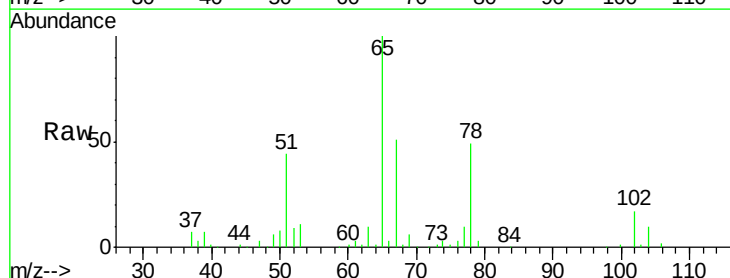
Instrument :
 MSVOA_N
 ClientSampled :
 MW-14

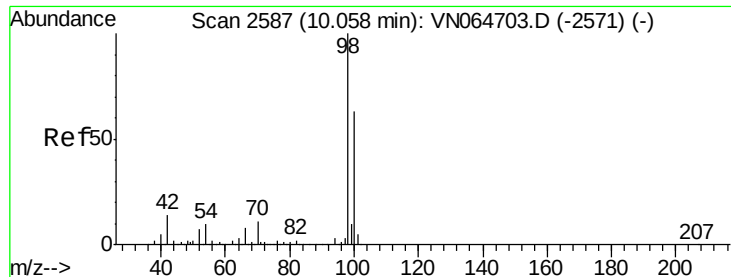
Tot Ion:113 Resp: 130661
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 15.4 12.7 19.1



#40
 Benzene
 Concen: 5.861 ug/l
 RT: 8.00 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: VN064729.D
 Acq: 19 Nov 2020 13:37

Tgt Ion: 78 Resp: 70214
 Ion Ratio Lower Upper
 78 100
 77 21.4 19.2 28.8





#50

Toluene-d8

Concen: 53.094 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064729.D

Acq: 19 Nov 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

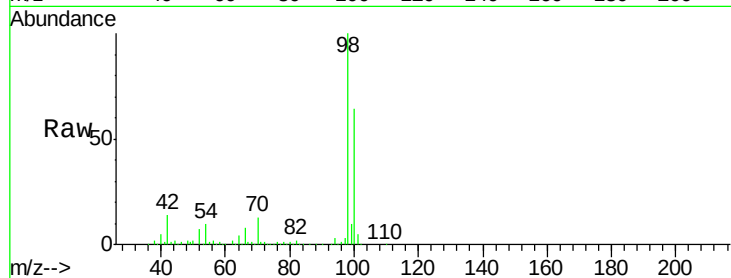
MW-14

Tot Ion: 98 Resp: 573995

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064729.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064729.D (-2494) (-)

10.06

300000

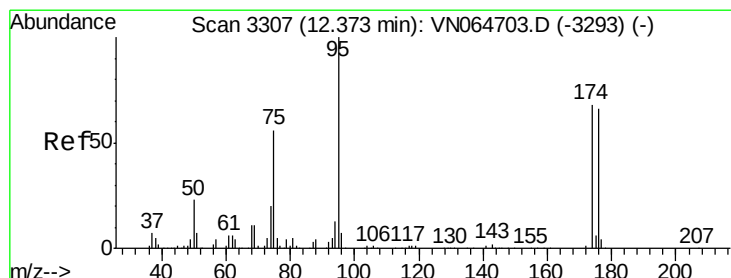
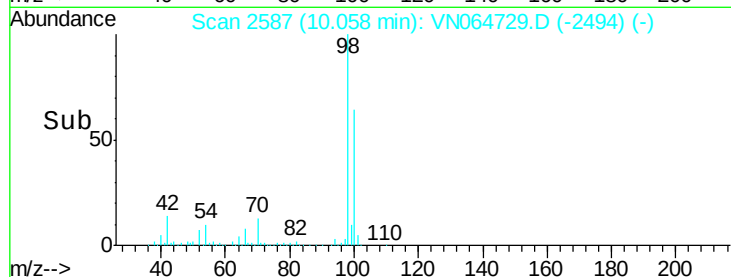
200000

100000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 53.143 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN064729.D

Acq: 19 Nov 2020 13:37

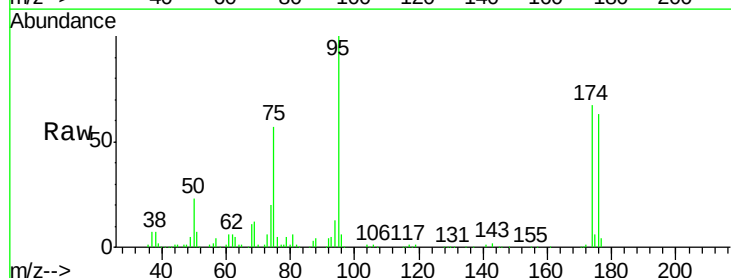
Tgt Ion: 95 Resp: 214744

Ion Ratio Lower Upper

95 100

174 68.8 0.0 136.8

176 65.9 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064729.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064729.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064729.D (-3214) (-)

12.37

150000

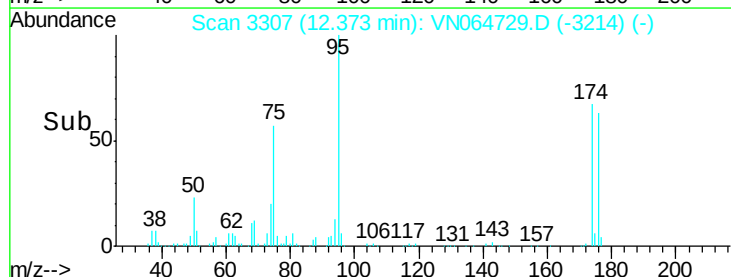
100000

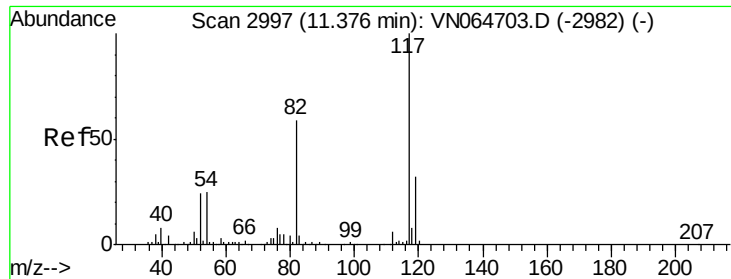
50000

0

Time-->

12.30 12.40

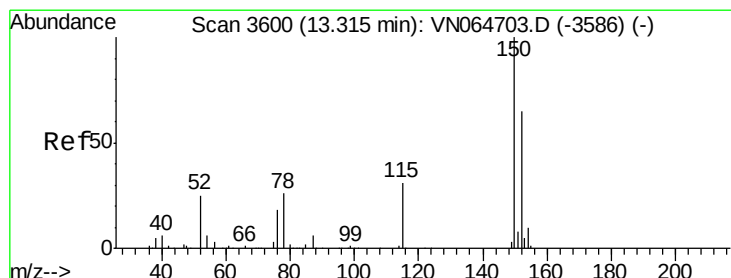
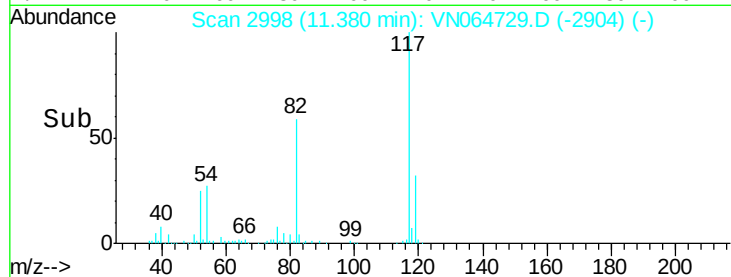
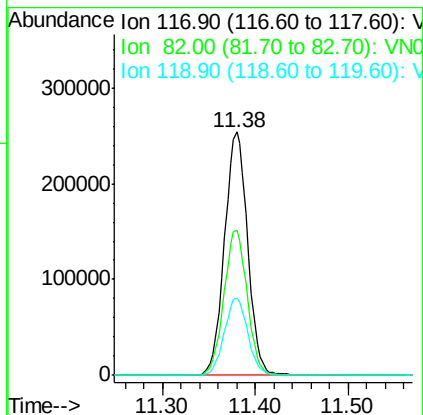
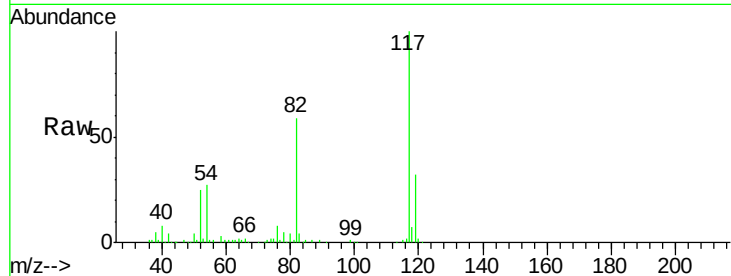




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064729.D
Acq: 19 Nov 2020 13:37

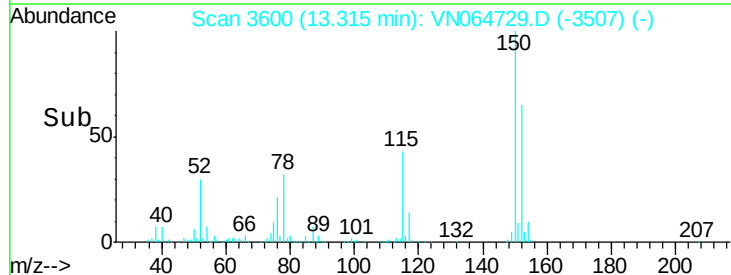
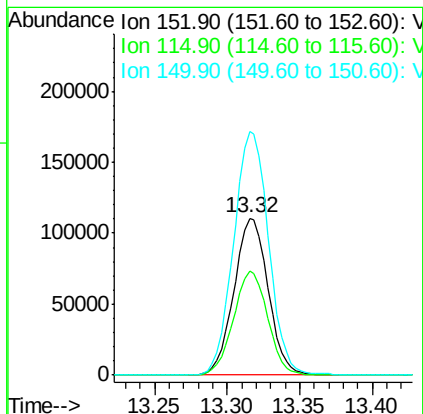
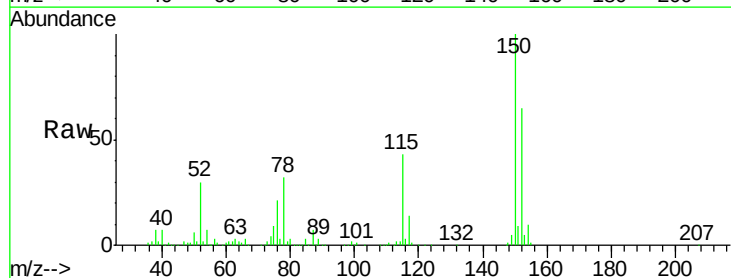
Instrument :
MSVOA_N
ClientSampleId :
MW-14

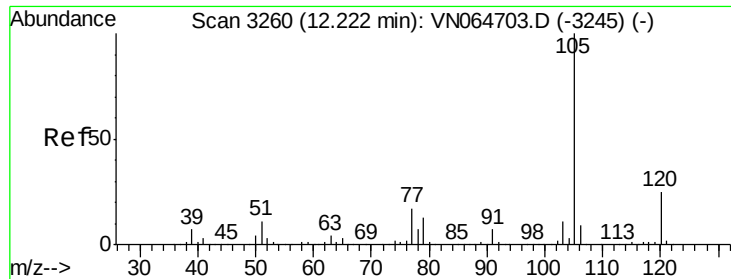
Tot Ion:117 Resp: 438422
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.6
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064729.D
Acq: 19 Nov 2020 13:37

Tgt Ion:152 Resp: 181183
Ion Ratio Lower Upper
152 100
115 66.1 32.1 96.3
150 159.0 0.0 344.8





#73

Isopropylbenzene

Concen: 1.524 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064729.D

Acq: 19 Nov 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

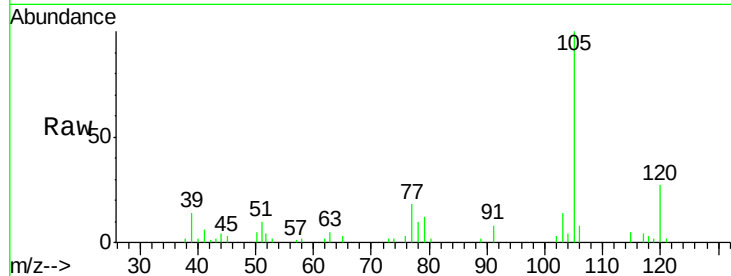
MW-14

Tot Ion:105 Resp: 19611

Ion Ratio Lower Upper

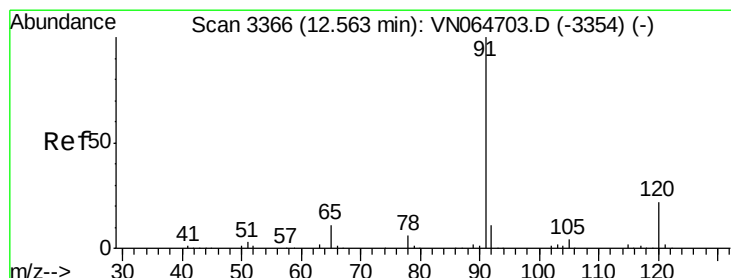
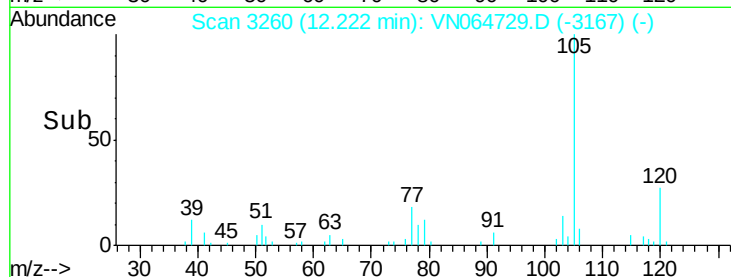
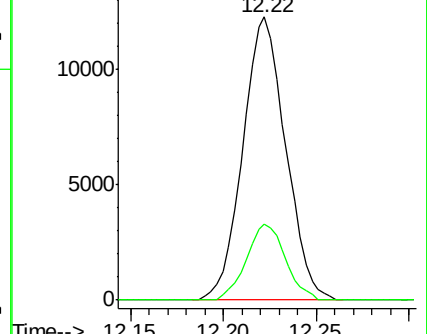
105 100

120 24.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.644 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064729.D

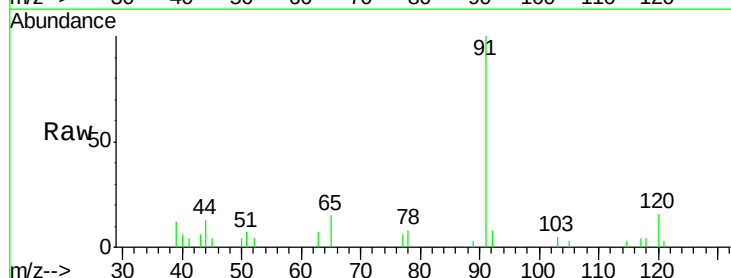
Acq: 19 Nov 2020 13:37

Tgt Ion: 91 Resp: 9649

Ion Ratio Lower Upper

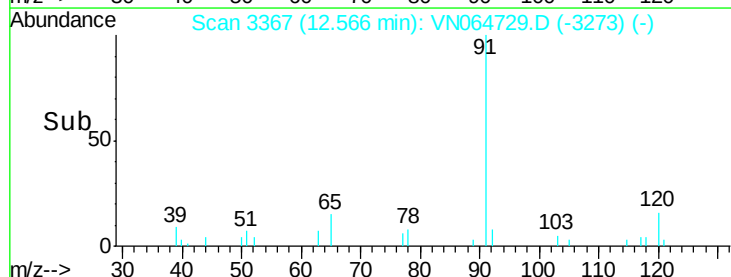
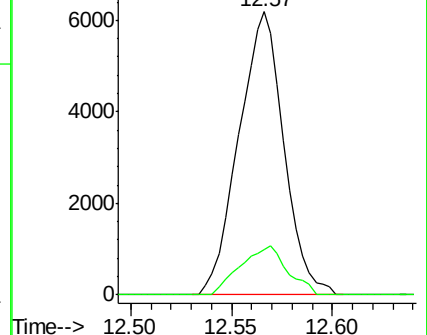
91 100

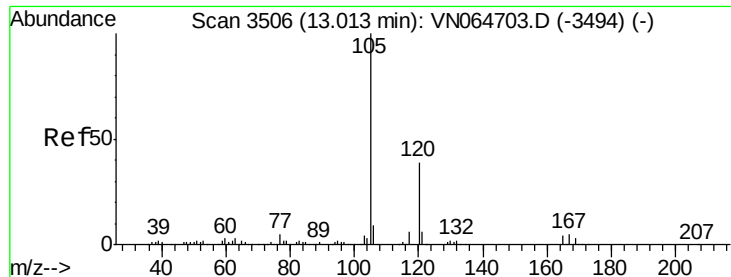
120 18.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

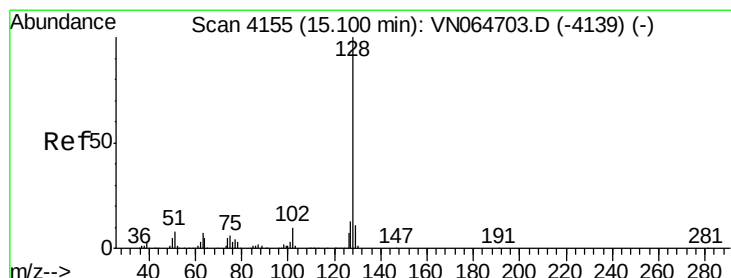
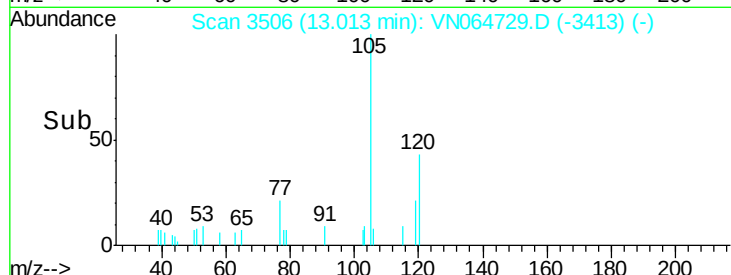
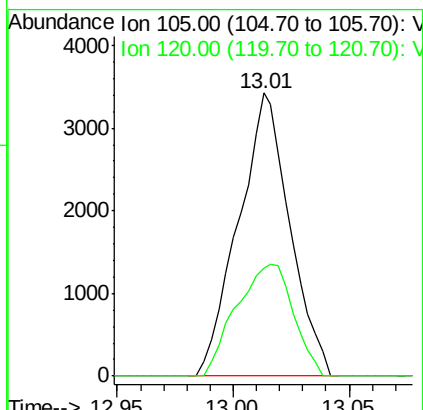
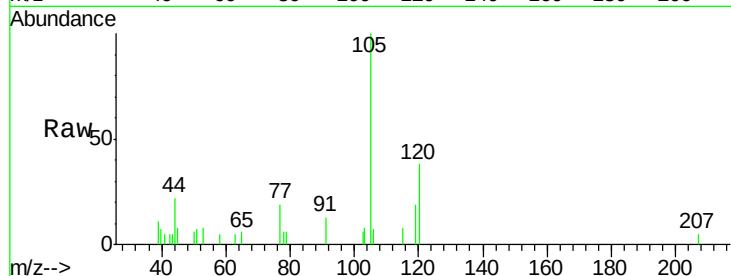




#84
 1,2,4-Trimethylbenzene
 Concen: 0.484 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064729.D
 Acq: 19 Nov 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Tot Ion:105 Resp: 5279
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.0 66.0



#95
 Naphthalene
 Concen: 0.421 ug/l
 RT: 15.11 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN064729.D
 Acq: 19 Nov 2020 13:37

Tgt Ion:128 Resp: 4285
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.8 16.2
 129 11.5 8.9 13.3

