

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100618\
 Data File : VN051702.D
 Acq On : 5 Oct 2018 22:00
 Operator : MD\SY
 Sample : J5084-17ME
 Misc : 6.09g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B-4(14.5-15)ME

Quant Time: Oct 09 04:11:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

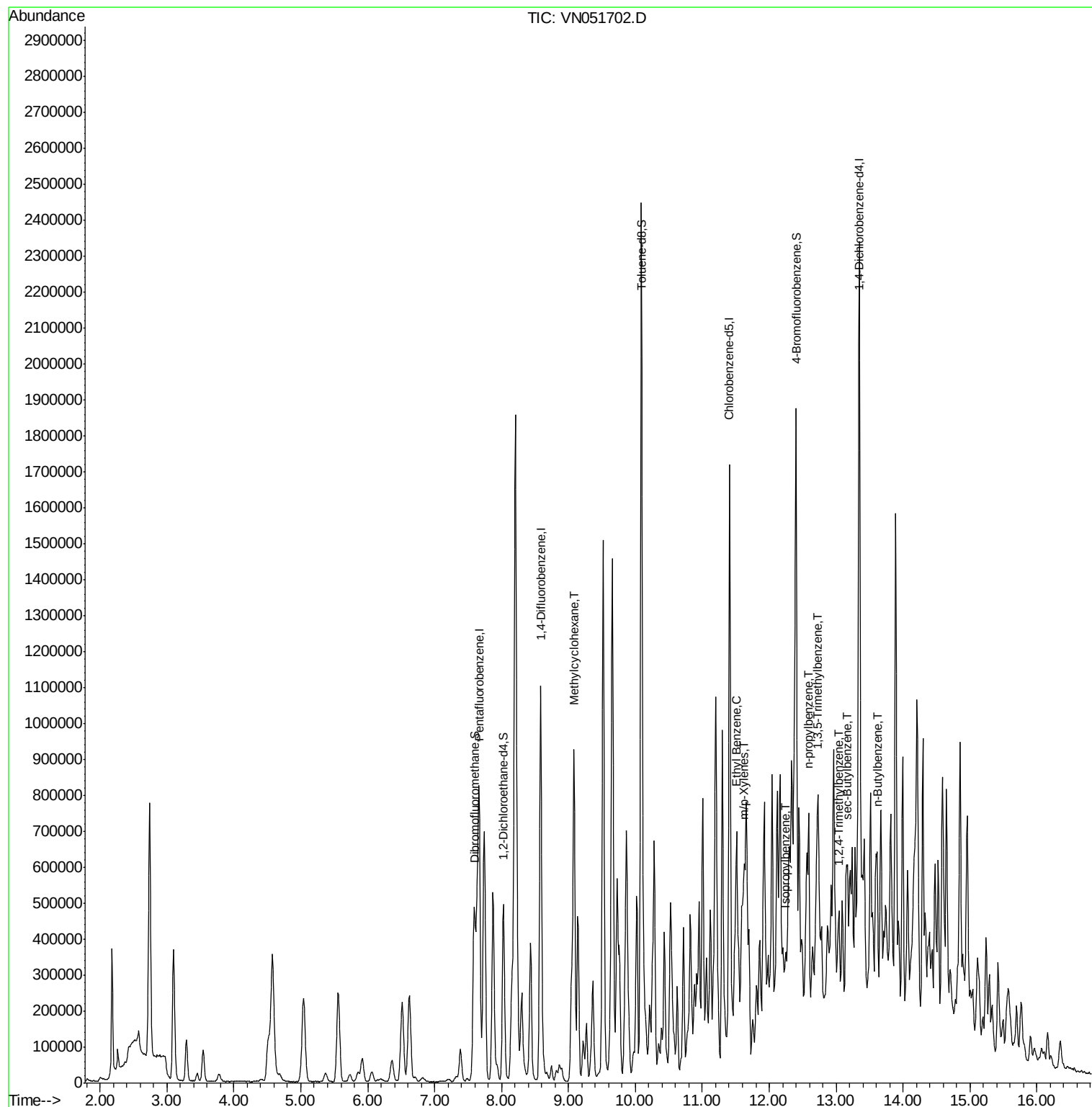
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	616393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	501971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	375131	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
35) Dibromofluoromethane	7.59	113	334910	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1343249	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	485429	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
Target Compounds						
39) Methylcyclohexane	9.08	83	299557	25.306	ug/l	90
67) Ethyl Benzene	11.51	91	353396	9.430	ug/l	98
68) m/p-Xylenes	11.62	106	130864	8.728	ug/l	99
73) Isopropylbenzene	12.25	105	62516	1.461	ug/l	98
78) n-propylbenzene	12.59	91	406990	8.720	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	31722	0.880	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	91226	2.526	ug/l	98
85) sec-Butylbenzene	13.17	105	152074	3.558	ug/l #	53
89) n-Butylbenzene	13.62	91	234601	7.831	ug/l #	81

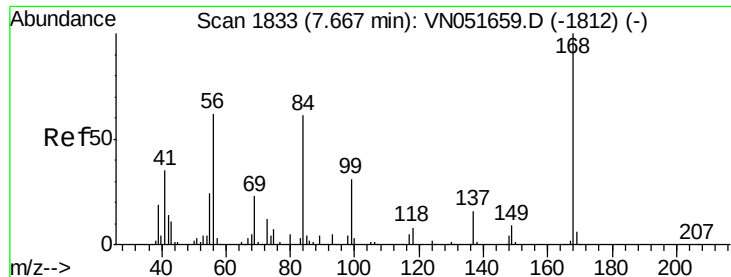
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :
B-4(14.5-15)ME

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Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Instrument :

MSVOA_N

ClientSampleId :

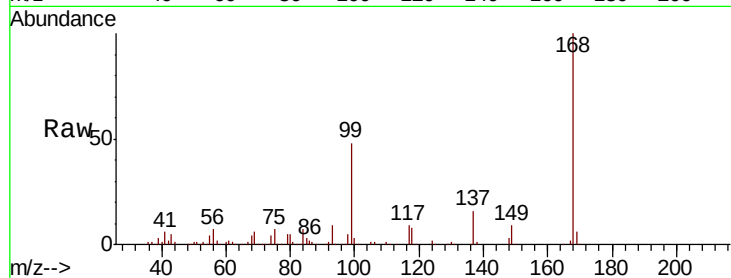
B-4(14.5-15)ME

Tgt Ion:168 Resp: 616393

Ion Ratio Lower Upper

168 100

99 48.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051702.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051702.D (-1740) (-)

7.66

250000

200000

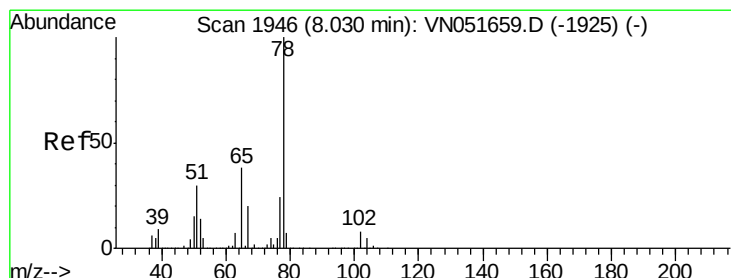
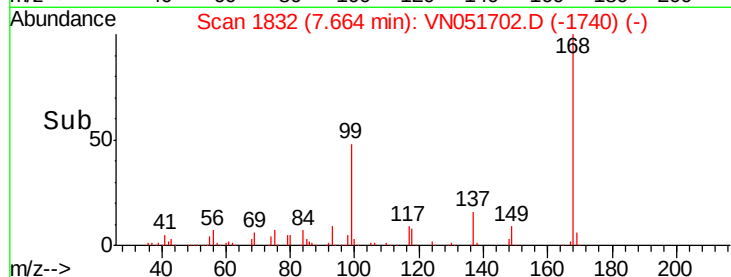
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051702.D

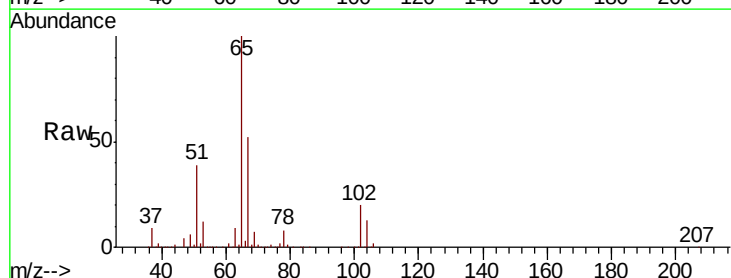
Acq: 5 Oct 2018 22:00

Tgt Ion: 65 Resp: 375131

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051702.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051702.D (-1853) (-)

8.03

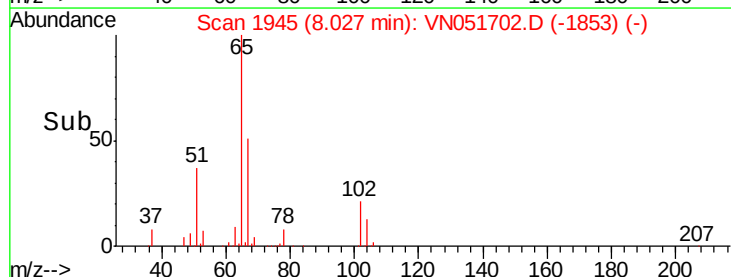
150000

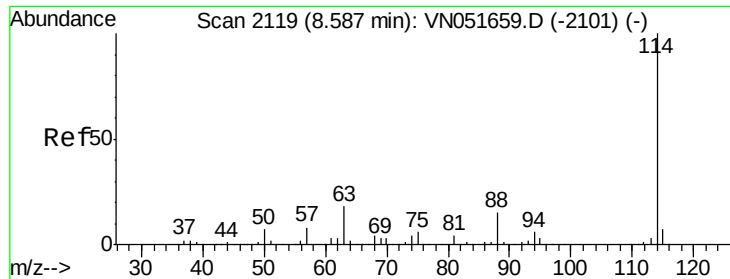
100000

50000

0

Time--> 7.90 8.00 8.10

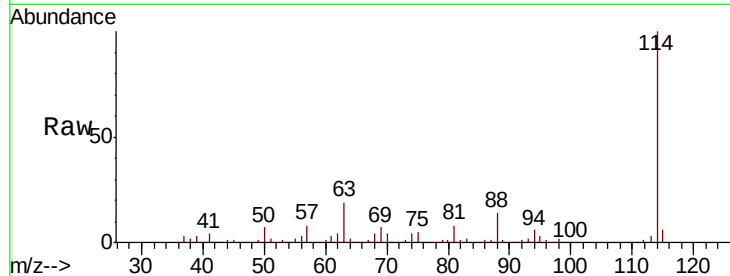




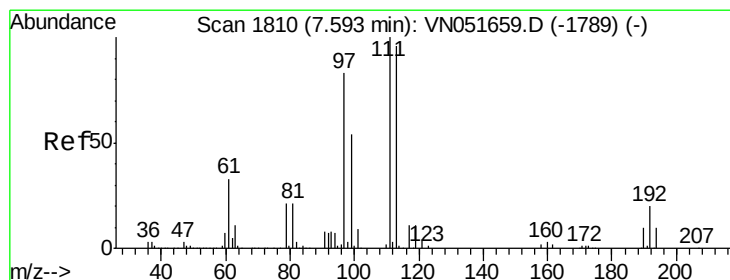
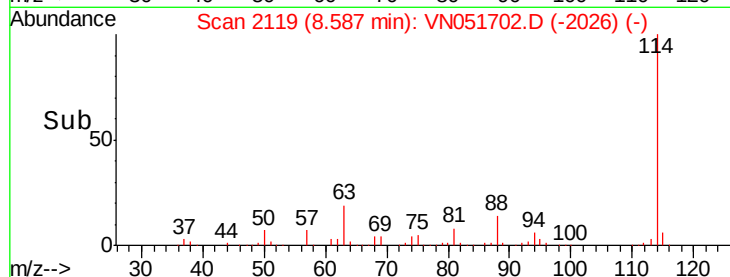
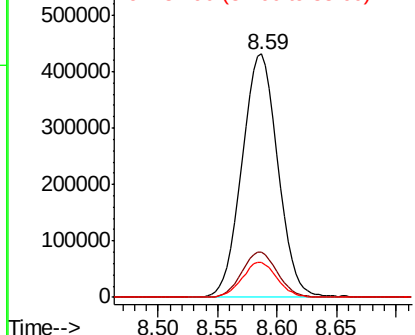
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

Instrument :
 MSVOA_N
 ClientSampleId :
 B-4(14.5-15)ME

Tgt Ion:114 Resp: 902194
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 14.2 0.0 30.2

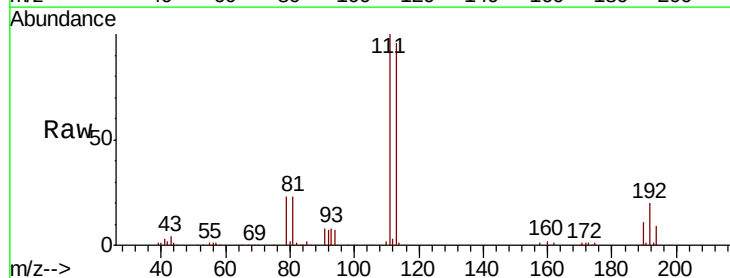


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

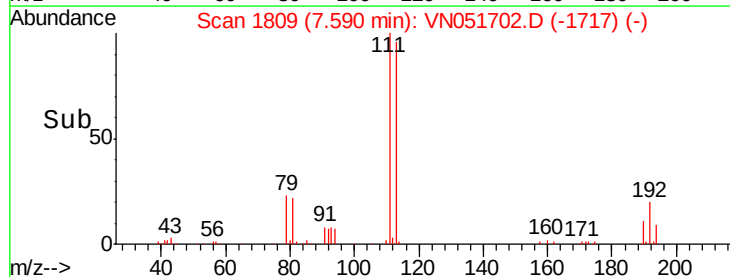
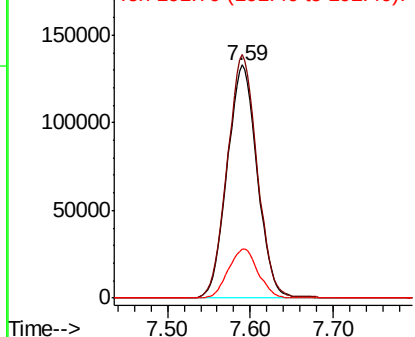


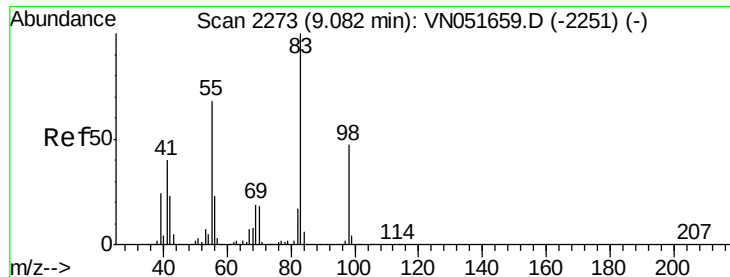
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

Tgt Ion:113 Resp: 334910
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 20.9 16.5 24.7



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

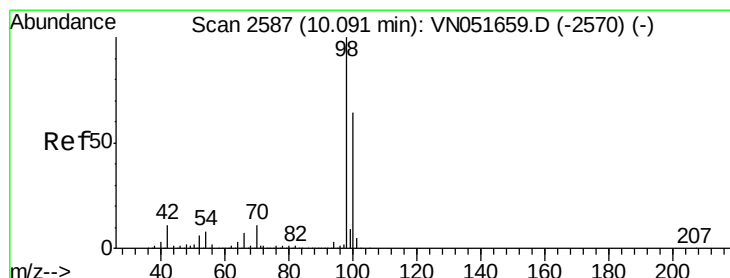
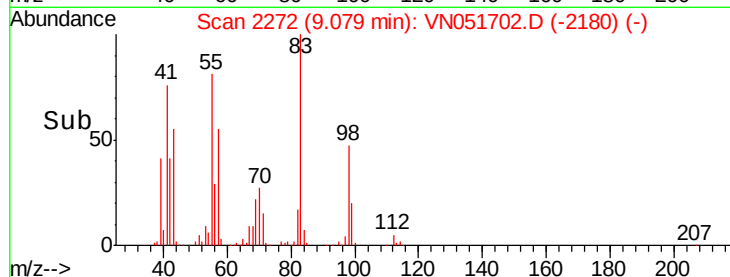
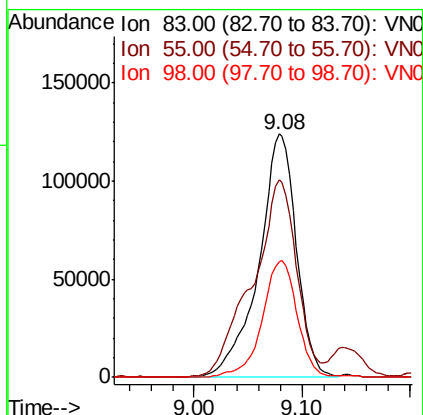
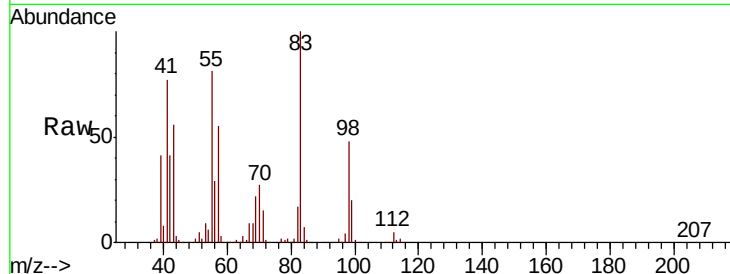




#39
Methylcyclohexane
Concen: 25.306 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

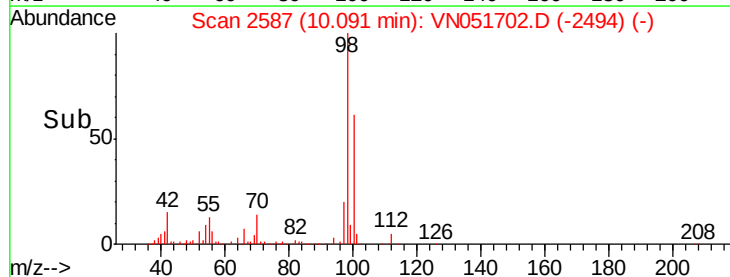
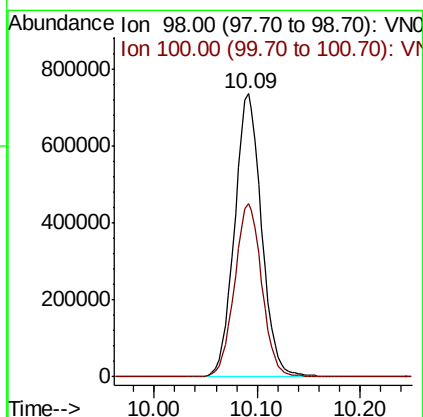
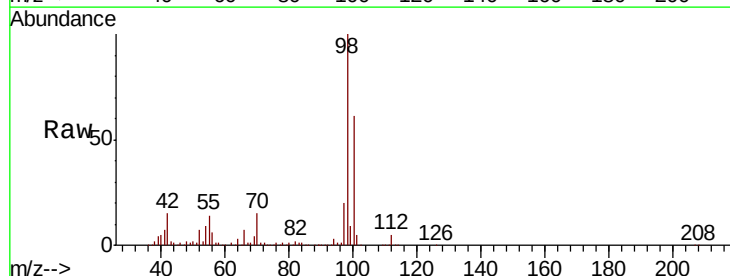
Instrument :
MSVOA_N
ClientSampleId :
B-4(14.5-15)ME

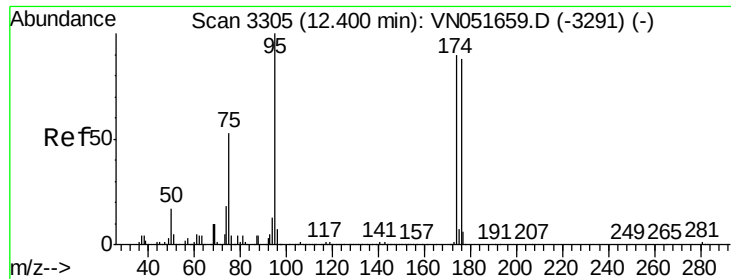
Tgt Ion: 83 Resp: 299557
Ion Ratio Lower Upper
83 100
55 81.0 54.3 81.5
98 47.6 37.4 56.2



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 98 Resp: 1343249
Ion Ratio Lower Upper
98 100
100 62.0 51.5 77.3

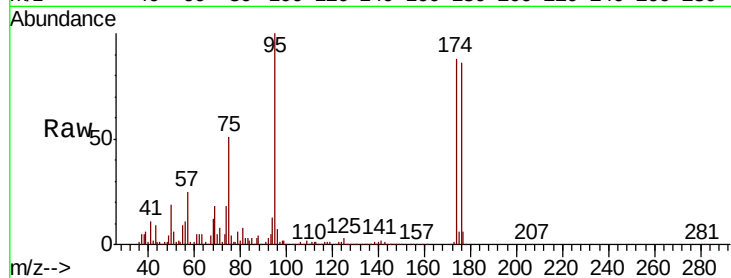




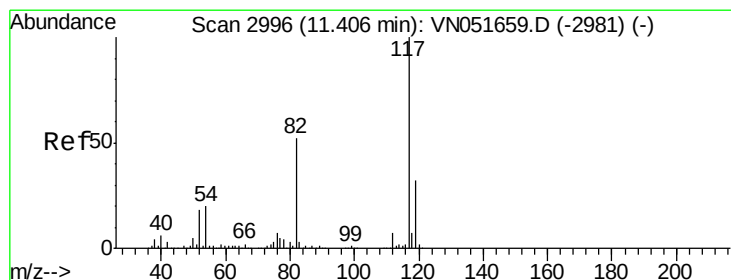
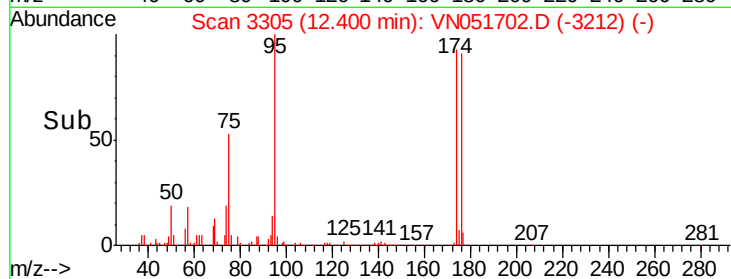
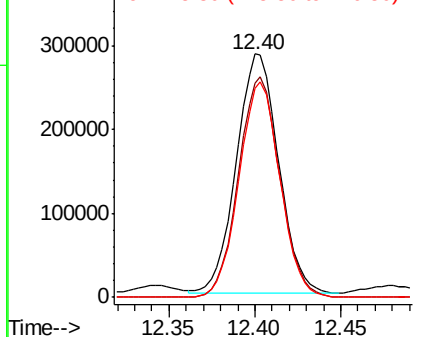
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
B-4(14.5-15)ME

Tgt Ion: 95 Resp: 485429
Ion Ratio Lower Upper
95 100
174 90.5 0.0 182.8
176 87.7 0.0 176.4

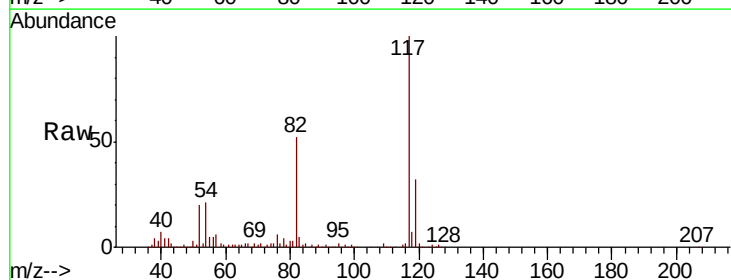


Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)

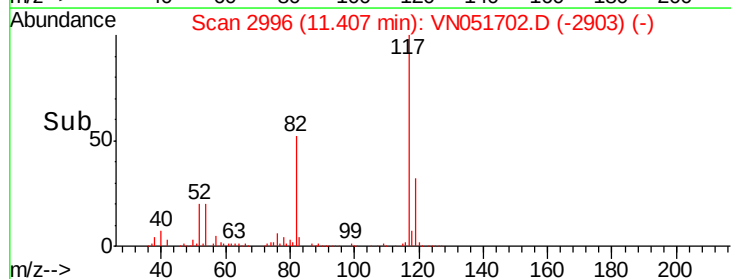
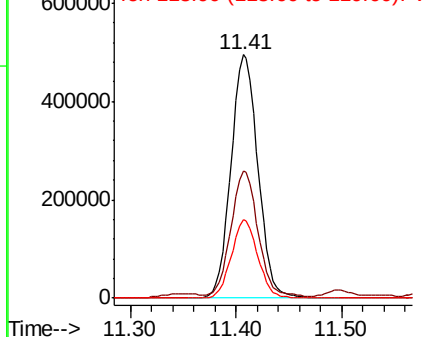


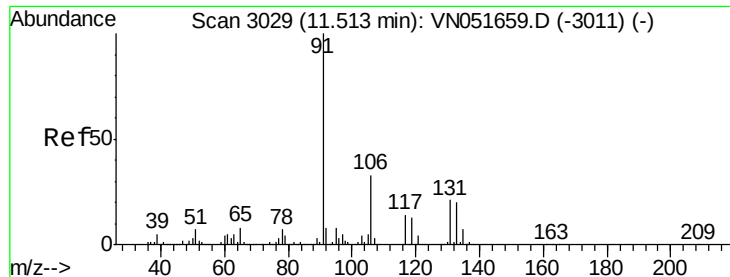
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 117 Resp: 875425
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 32.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)

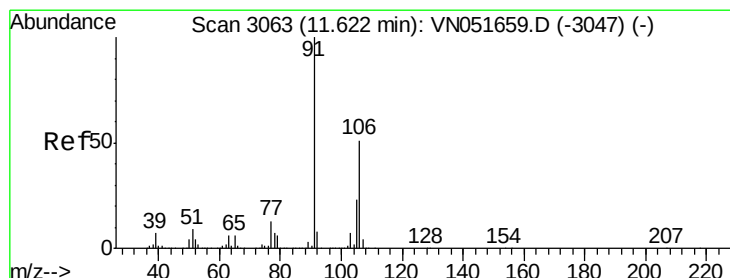
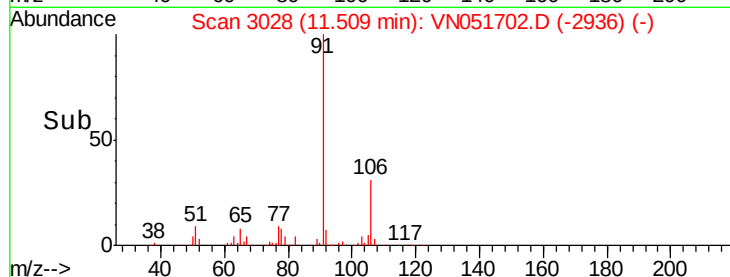
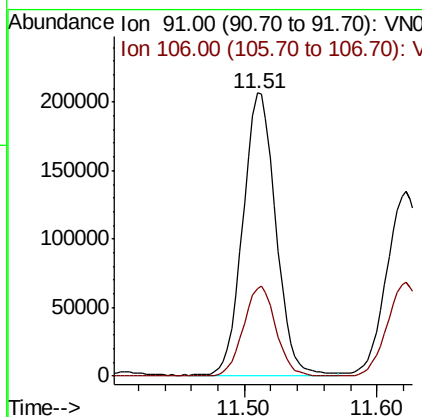
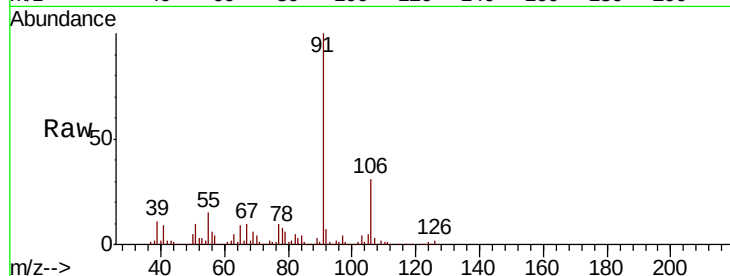




#67
Ethyl Benzene
Concen: 9.430 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

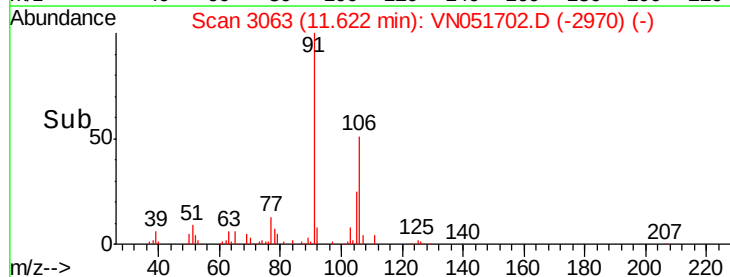
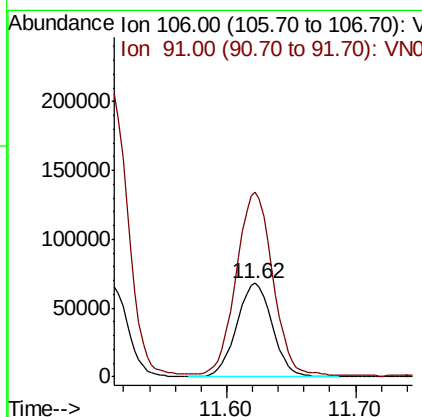
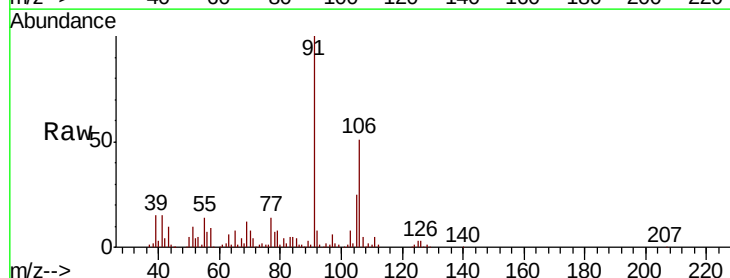
Instrument :
MSVOA_N
ClientSampled :
B-4(14.5-15)ME

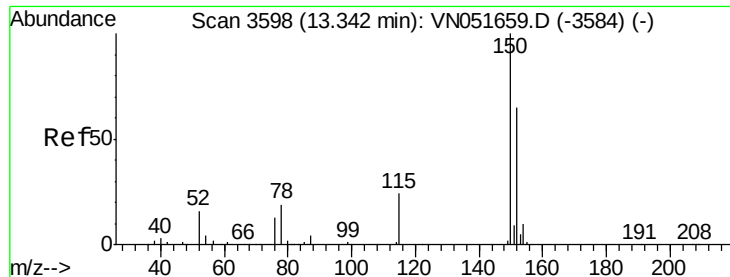
Tgt Ion: 91 Resp: 353396
Ion Ratio Lower Upper
91 100
106 31.2 26.0 39.0



#68
m/p-Xylenes
Concen: 8.728 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 106 Resp: 130864
Ion Ratio Lower Upper
106 100
91 199.9 158.4 237.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Instrument :

MSVOA_N

ClientSampleId :

B-4(14.5-15)ME

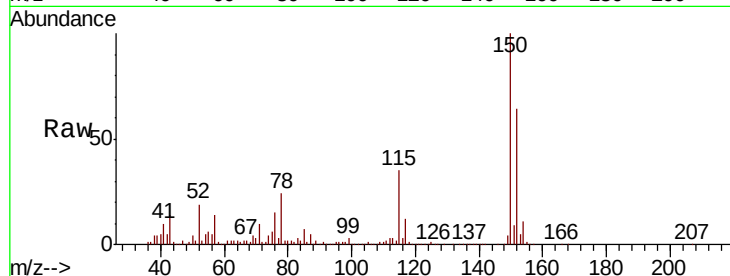
Tgt Ion:152 Resp: 501971

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.8

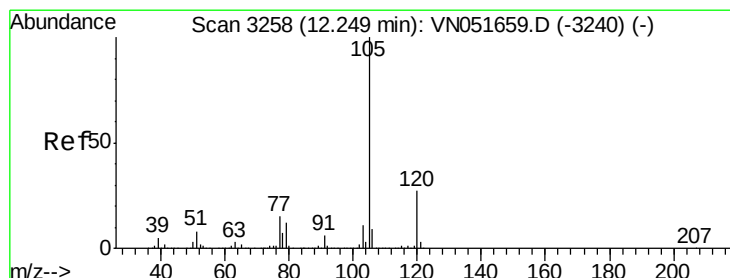
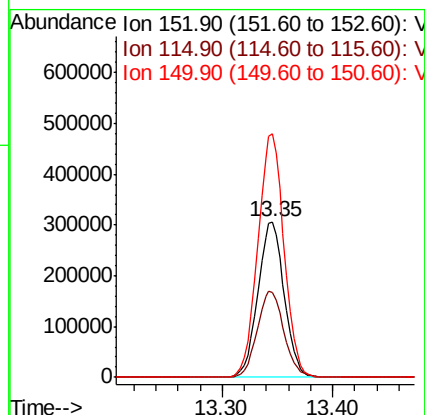
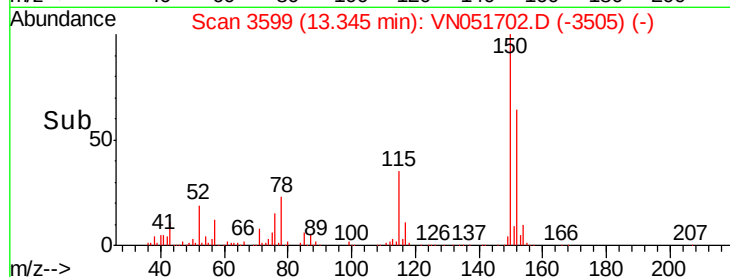
150 155.9 0.0 352.4



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: 1.461 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051702.D

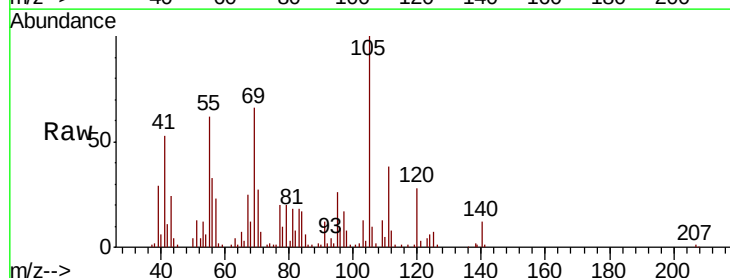
Acq: 5 Oct 2018 22:00

Tgt Ion:105 Resp: 62516

Ion Ratio Lower Upper

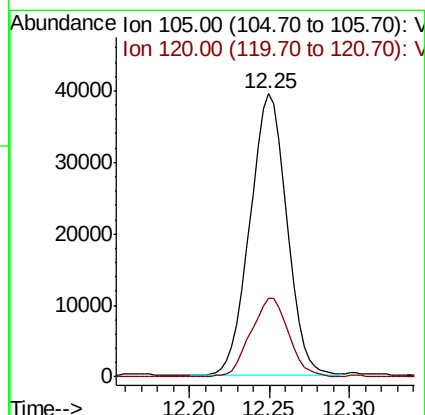
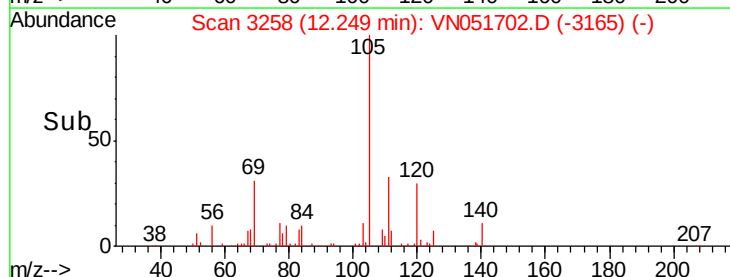
105 100

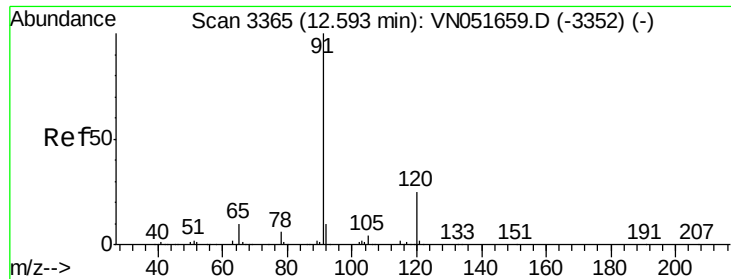
120 28.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

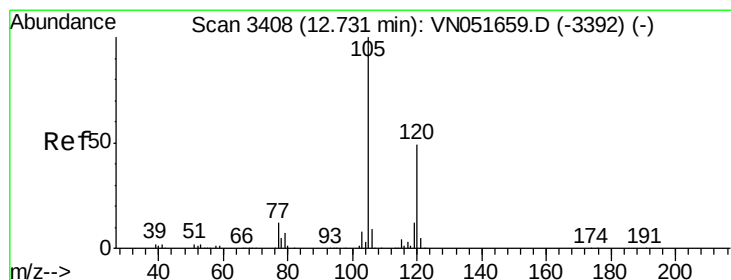
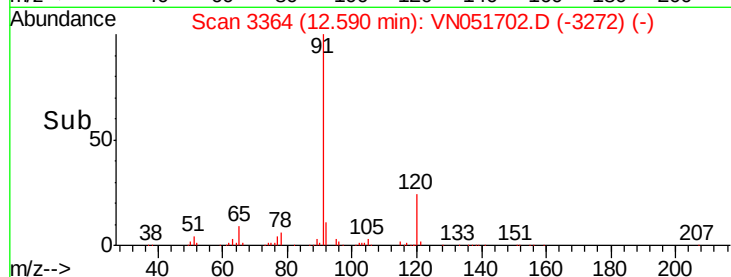
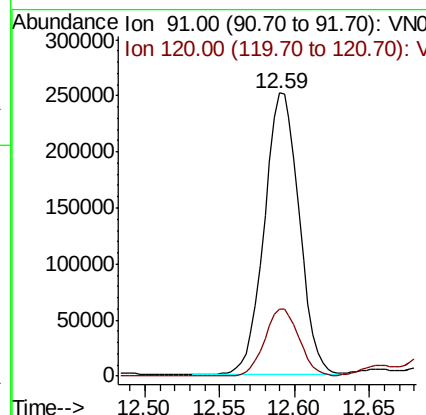
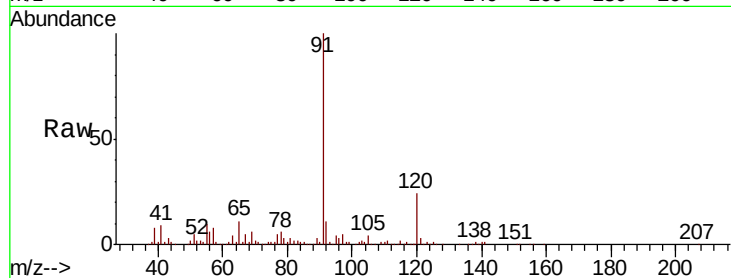




#78
n-propylbenzene
Concen: 8.720 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

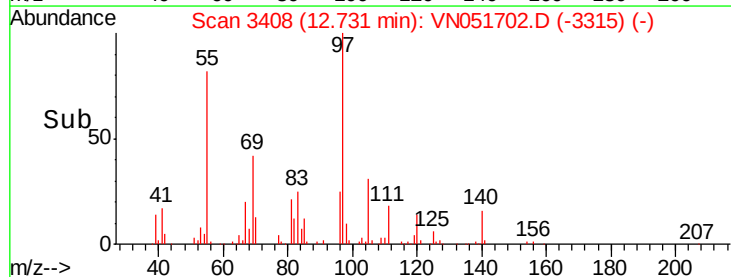
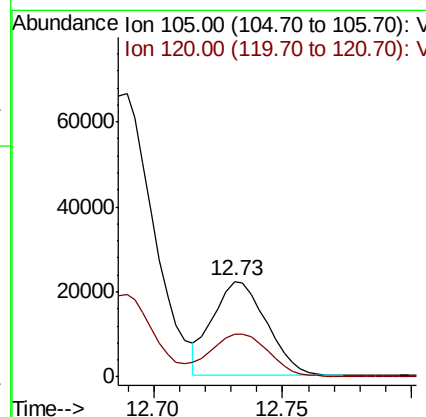
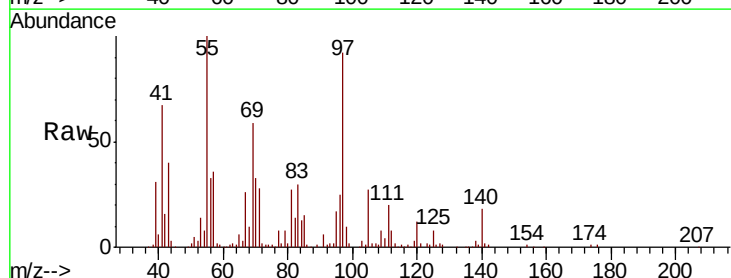
Instrument :
MSVOA_N
ClientSampleId :
B-4(14.5-15)ME

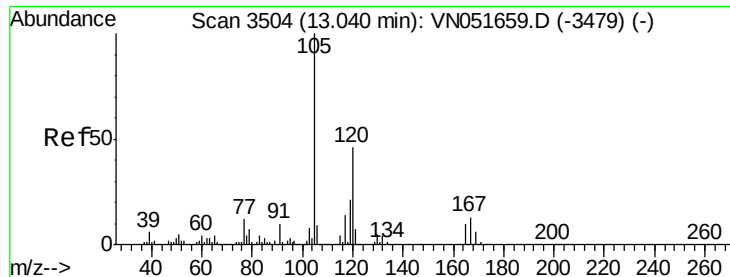
Tgt Ion: 91 Resp: 406990
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2



#80
1,3,5-Trimethylbenzene
Concen: 0.880 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 105 Resp: 31722
Ion Ratio Lower Upper
105 100
120 51.3 24.6 74.0

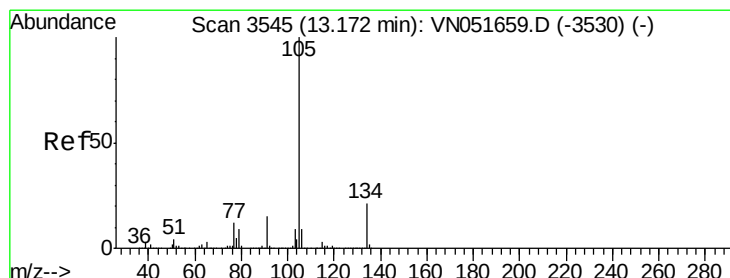
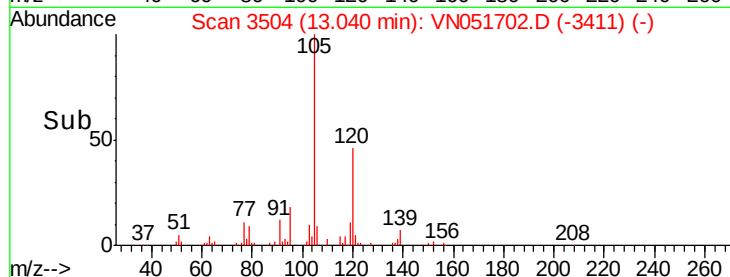
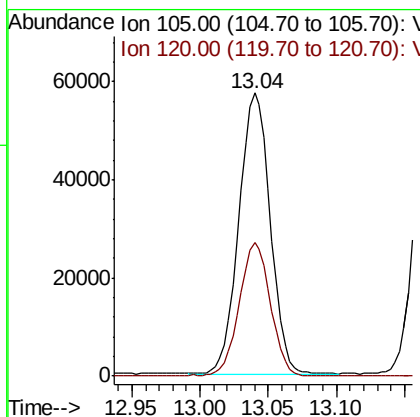
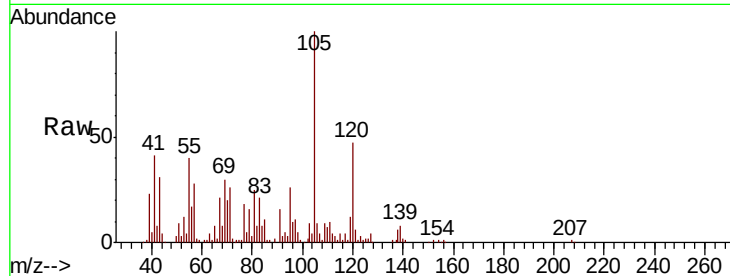




#84
 1,2,4-Trimethylbenzene
 Concen: 2.526 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

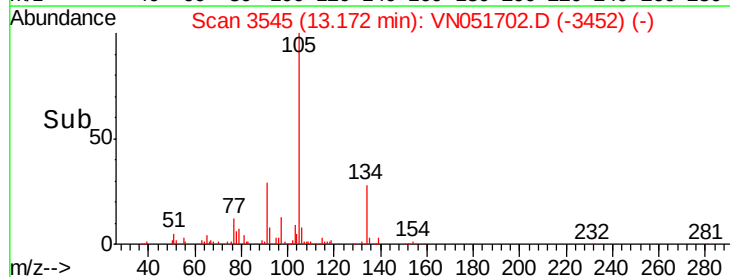
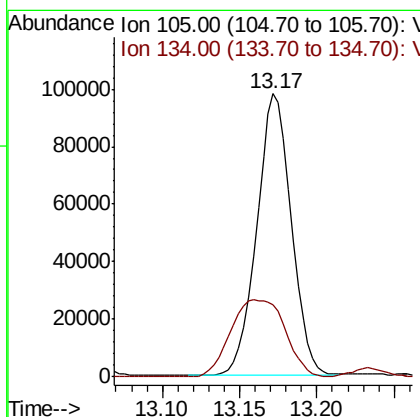
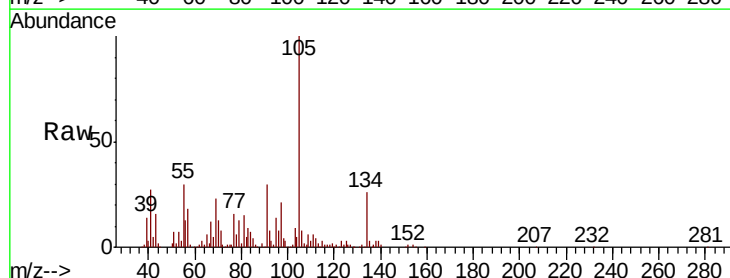
Instrument :
 MSVOA_N
 ClientSampled :
 B-4(14.5-15)ME

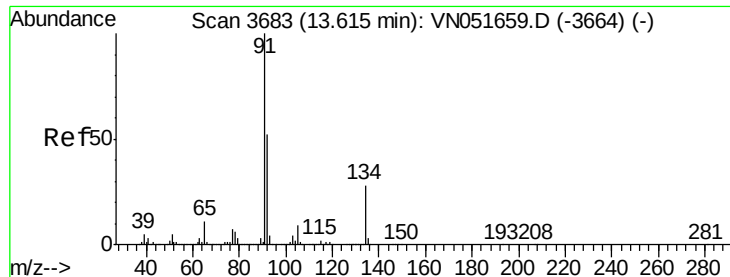
Tgt Ion:105 Resp: 91226
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 3.558 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

Tgt Ion:105 Resp: 152074
 Ion Ratio Lower Upper
 105 100
 134 42.9 10.5 31.6#





#89

n-Butylbenzene

Concen: 7.831 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Instrument :

MSVOA_N

ClientSampleId :

B-4(14.5-15)ME

Tgt Ion: 91 Resp: 234601

Ion Ratio Lower Upper

91 100

92 46.9 26.0 78.0

134 50.0 14.2 42.6#

