

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055224.D
 Acq On : 24 Apr 2019 13:37
 Operator : JC/SP
 Sample : K2542-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Apr 25 05:16:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	373227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	650498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	589728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186486	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	262877	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	212394	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	793064	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.40	95	248404	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	

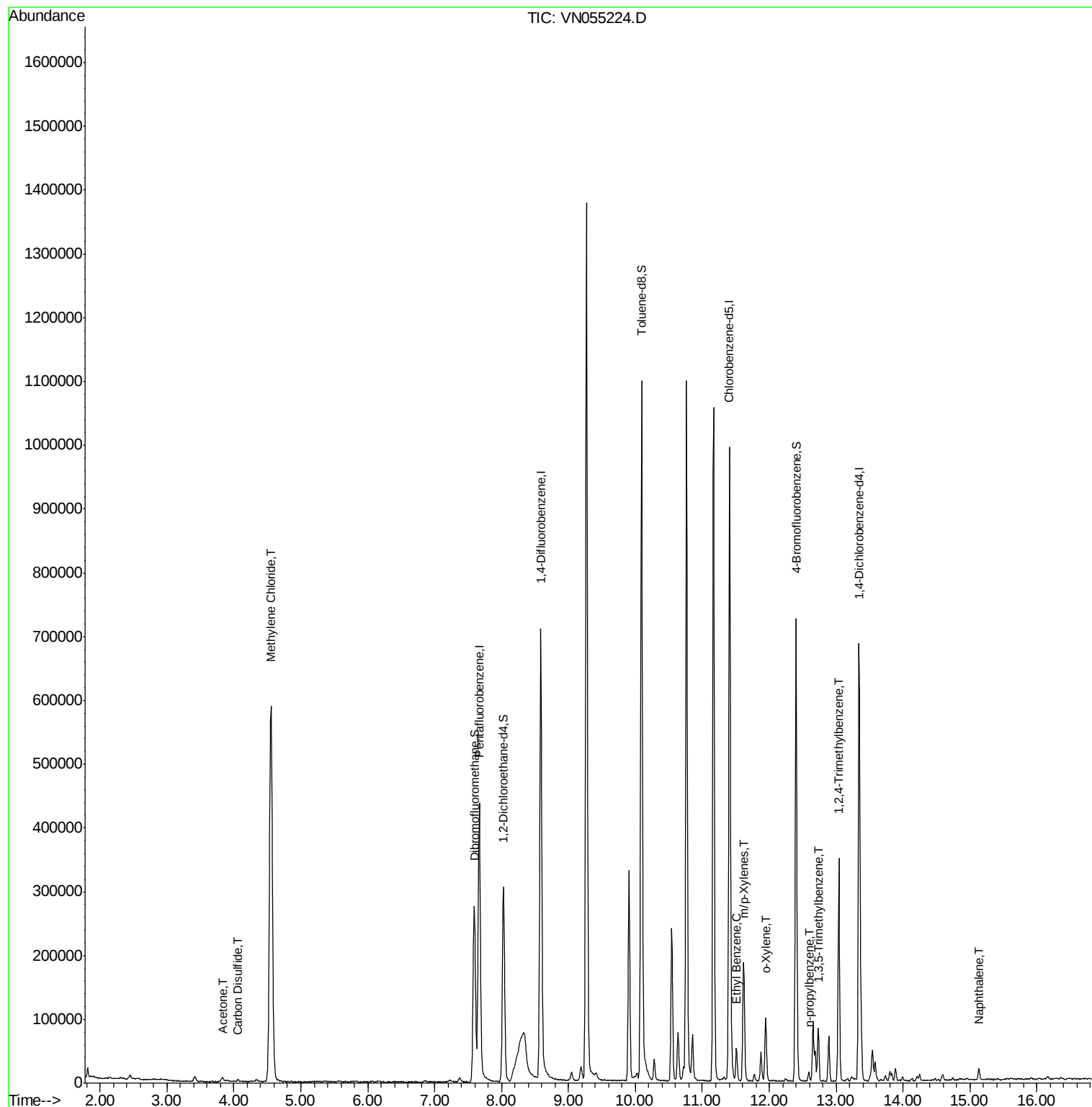
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	11538	6.909	ug/l	96
17) Carbon Disulfide	4.06	76	5193	0.484	ug/l	99
20) Methylene Chloride	4.55	84	415619	86.569	ug/l	96
67) Ethyl Benzene	11.51	91	35808	1.670	ug/l	100
68) m/p-Xylenes	11.62	106	60422	7.857	ug/l	99
69) o-Xylene	11.94	106	25891	3.392	ug/l	99
78) n-propylbenzene	12.59	91	11391	0.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	43913	3.146	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	196259	14.897	ug/l	98
95) Naphthalene	15.14	128	13807	5.537	ug/l #	96

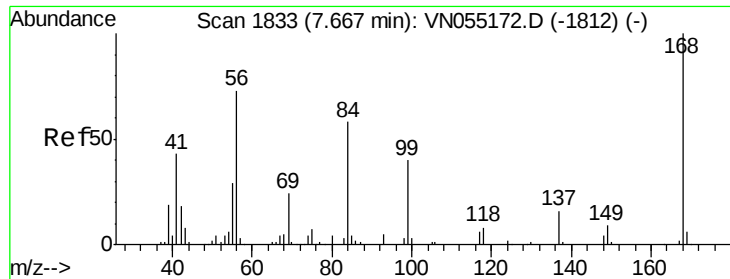
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042419\
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Quant Time: Apr 25 05:16:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055224.D

Acq: 24 Apr 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

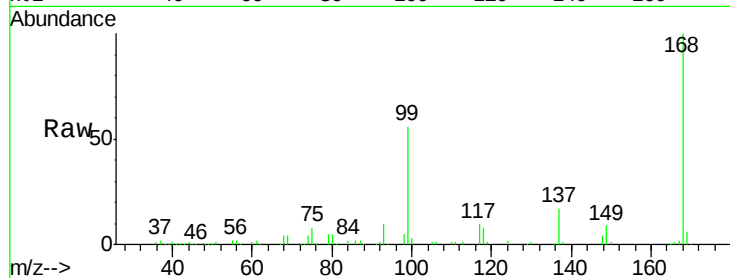
TP-7

Tot Ion:168 Resp: 373227

Ion Ratio Lower Upper

168 100

99 56.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

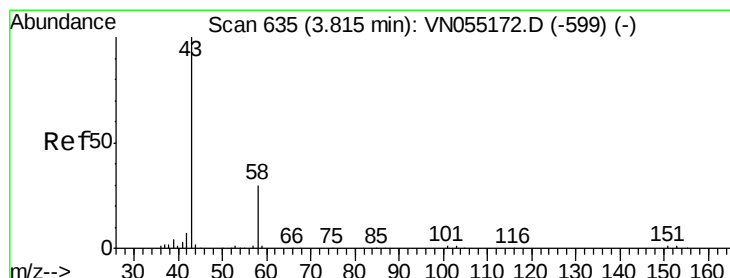
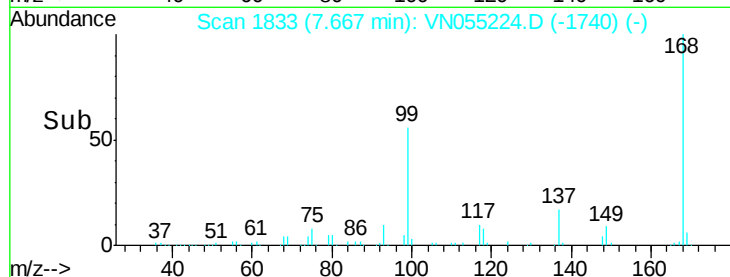
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.909 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN055224.D

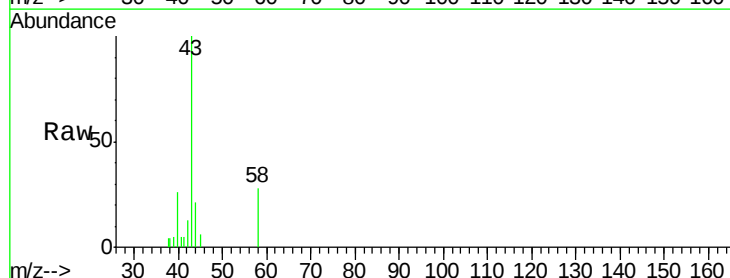
Acq: 24 Apr 2019 13:37

Tgt Ion: 43 Resp: 11538

Ion Ratio Lower Upper

43 100

58 27.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

4000

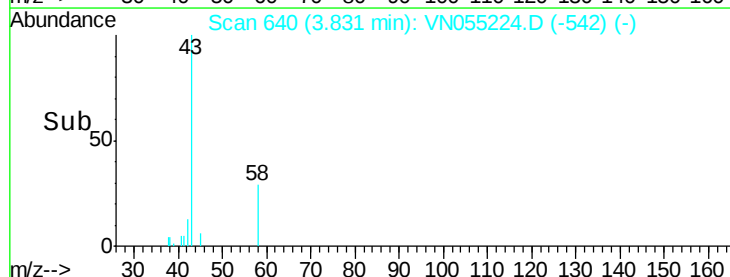
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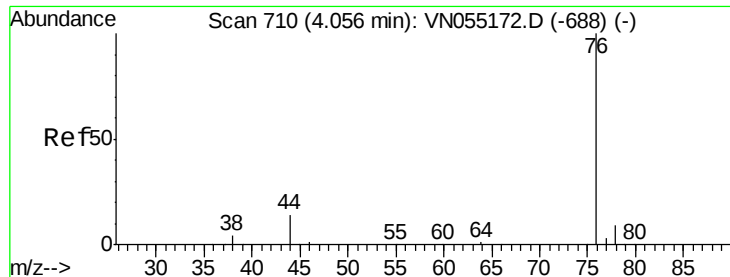
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.484 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055224.D

Acq: 24 Apr 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

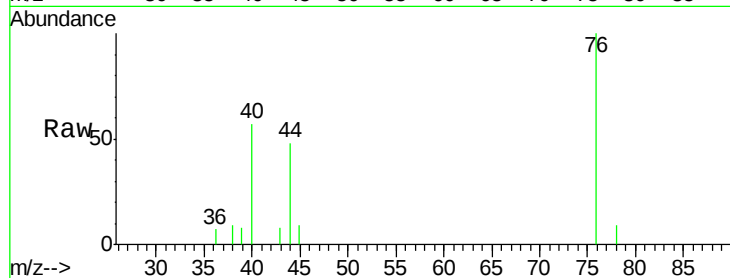
TP-7

Tot Ion: 76 Resp: 5193

Ion Ratio Lower Upper

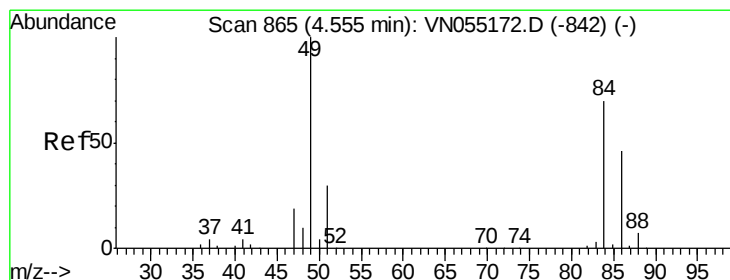
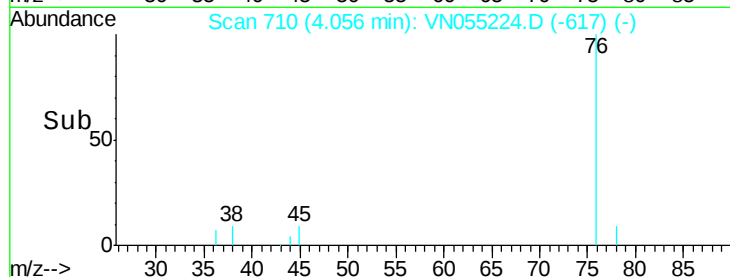
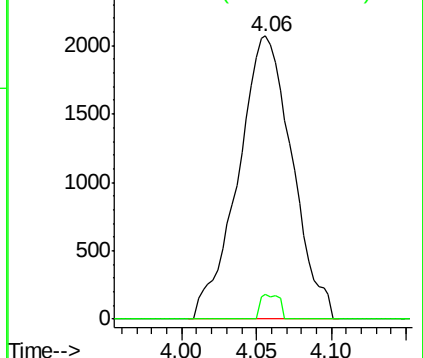
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#20

Methylene Chloride

Concen: 86.569 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN055224.D

Acq: 24 Apr 2019 13:37

Tgt Ion: 84 Resp: 415619

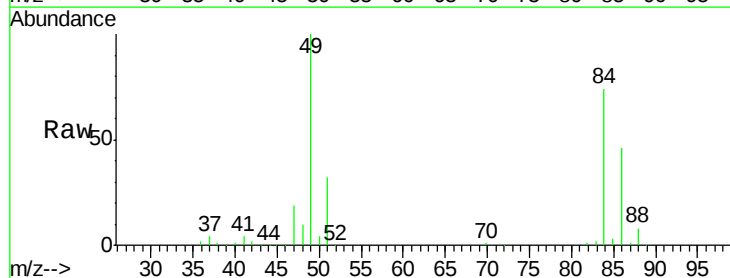
Ion Ratio Lower Upper

84 100

49 135.8 113.8 170.6

51 43.0 34.0 51.0

86 62.0 52.3 78.5

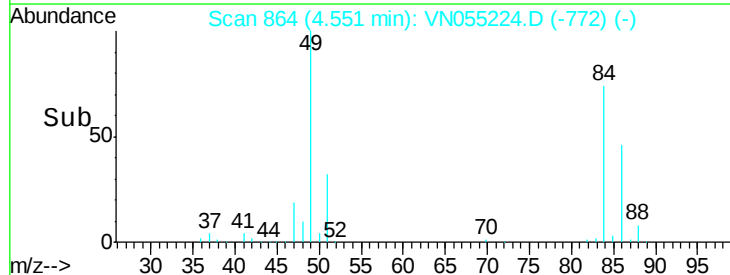
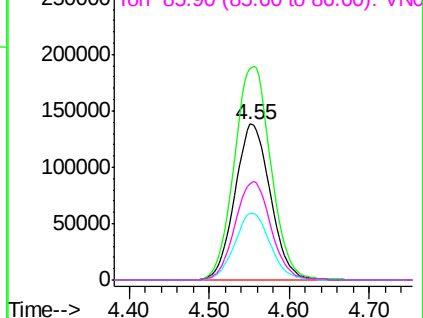


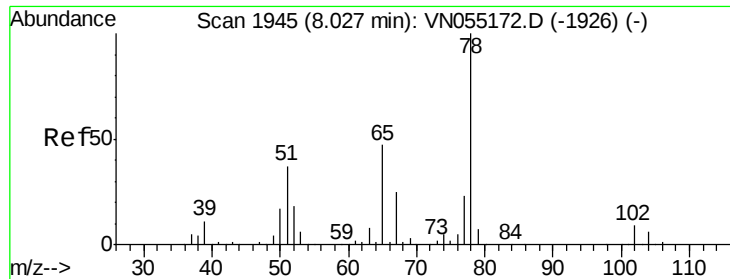
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

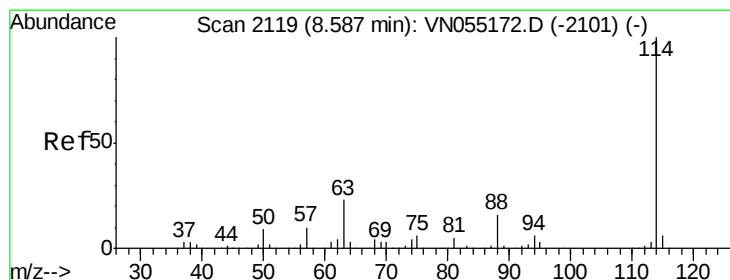
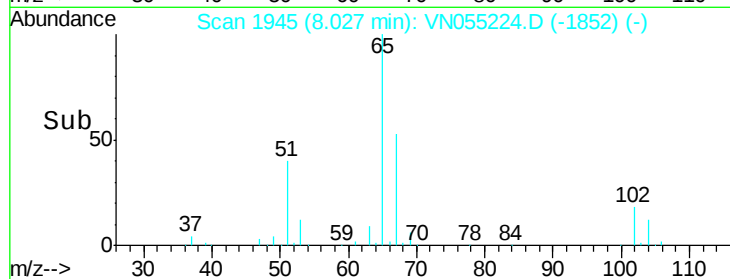
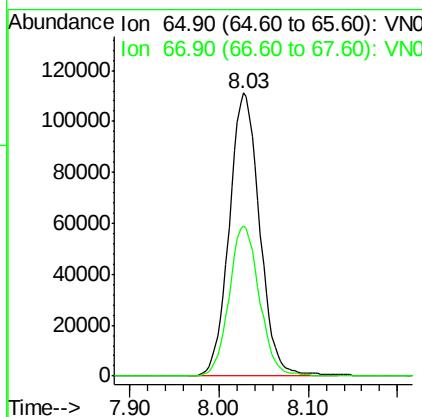
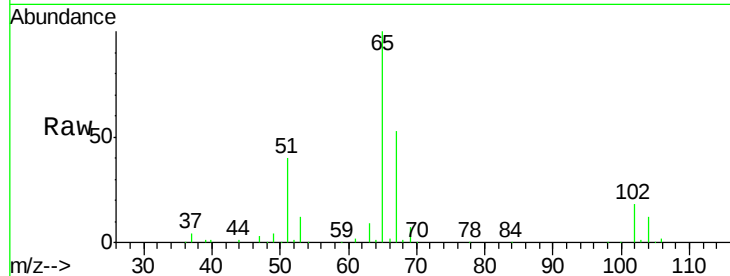




#33
 1,2-Dichloroethane-d4
 Concen: 52.037 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055224.D
 Acq: 24 Apr 2019 13:37

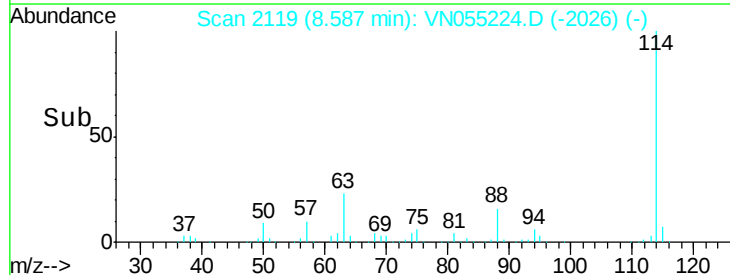
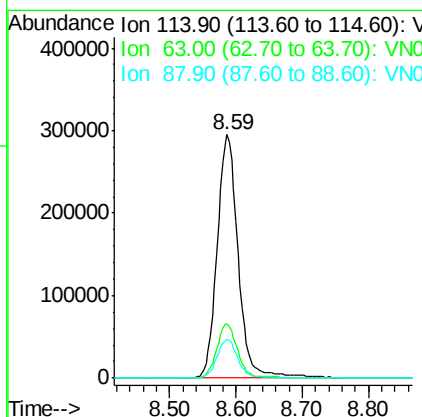
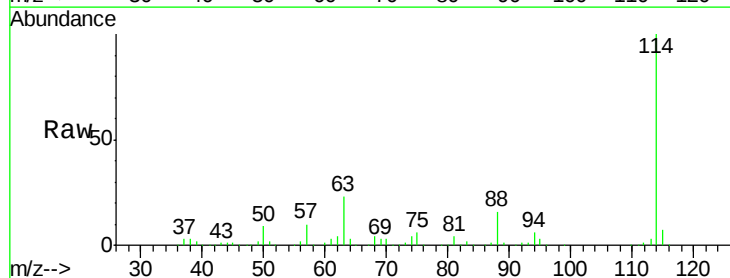
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

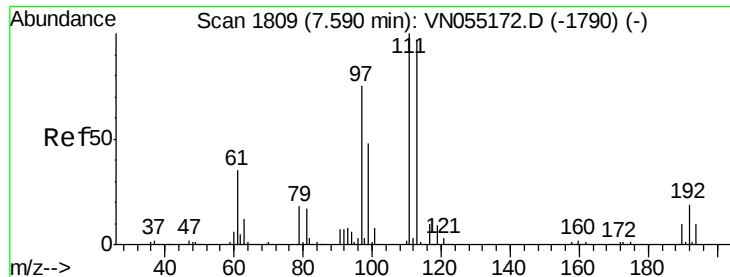
Tot Ion: 65 Resp: 262877
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055224.D
 Acq: 24 Apr 2019 13:37

Tgt Ion: 114 Resp: 650498
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 15.9 0.0 32.8

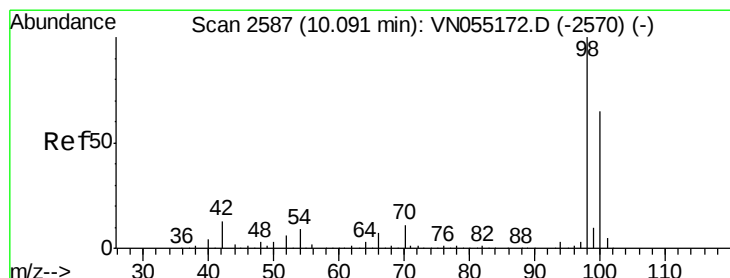
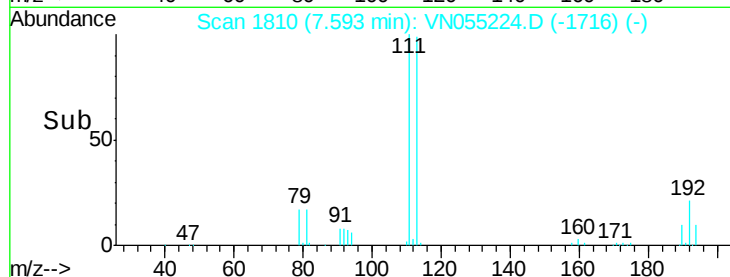
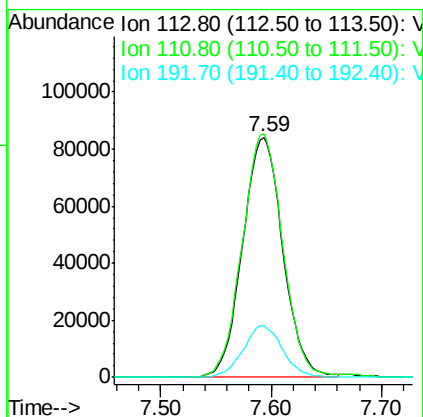
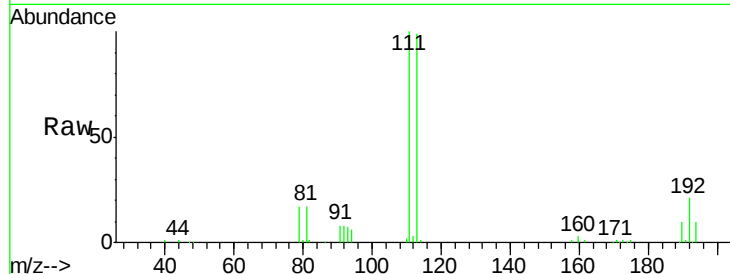




#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055224.D
 Acq: 24 Apr 2019 13:37

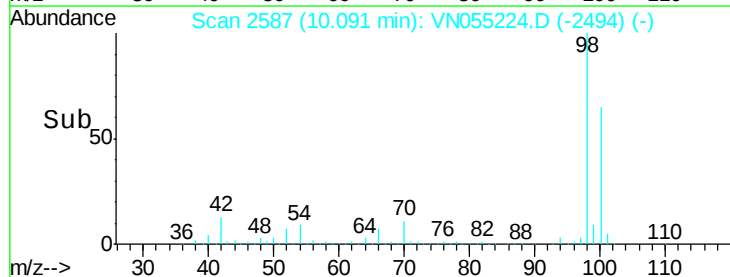
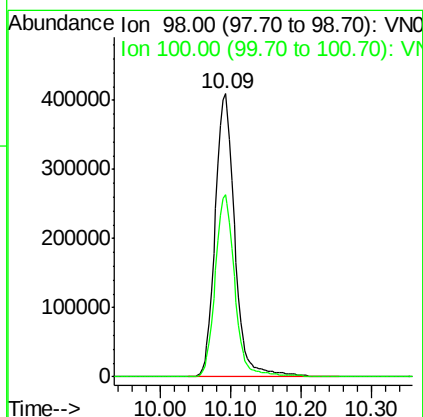
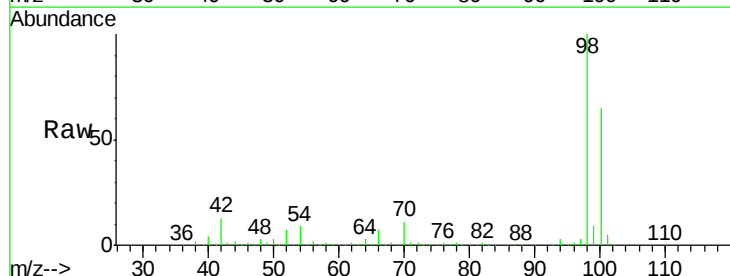
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

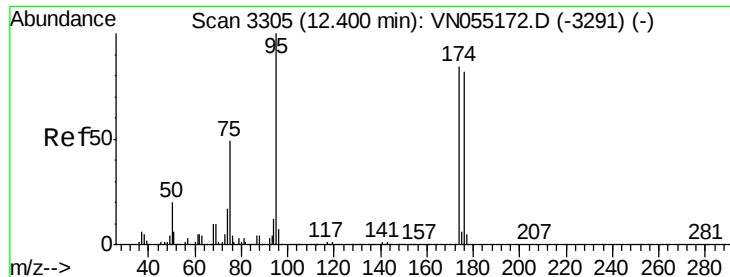
Tot Ion:113 Resp: 212394
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.4
 192 21.2 16.2 24.4



#50
 Toluene-d8
 Concen: 48.436 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055224.D
 Acq: 24 Apr 2019 13:37

Tgt Ion: 98 Resp: 793064
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.8 77.6





#62

4-Bromofluorobenzene

Concen: 47.907 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055224.D

Acq: 24 Apr 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

TP-7

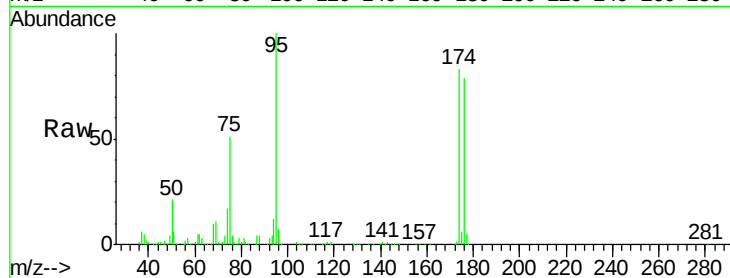
Tot Ion: 95 Resp: 248404

Ion Ratio Lower Upper

95 100

174 83.8 0.0 168.4

176 81.7 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)

12.40

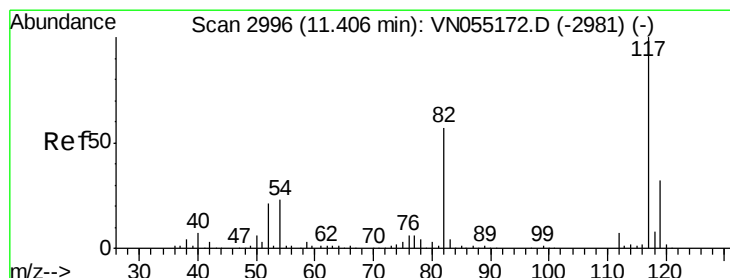
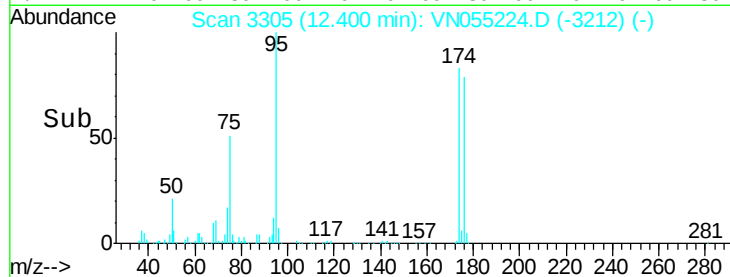
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055224.D

Acq: 24 Apr 2019 13:37

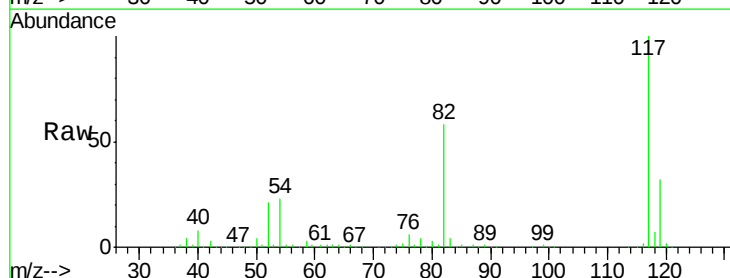
Tgt Ion: 117 Resp: 589728

Ion Ratio Lower Upper

117 100

82 57.7 45.7 68.5

119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)

11.41

400000

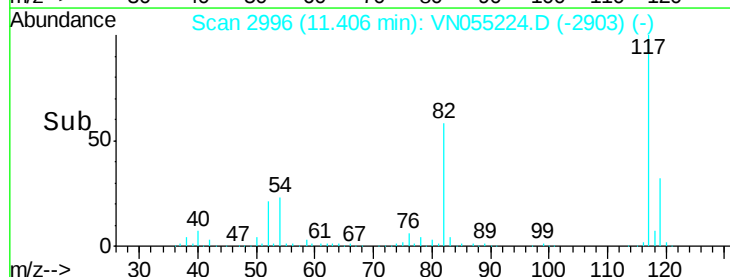
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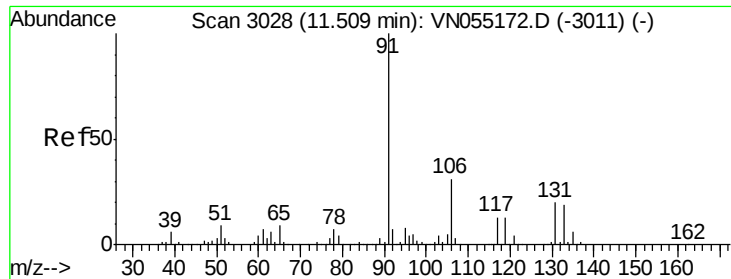
200000

100000

0

Time--> 11.30 11.40 11.50

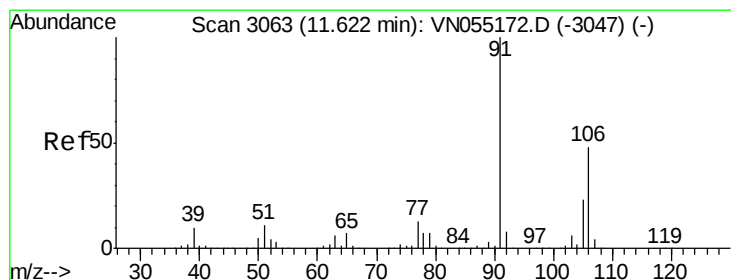
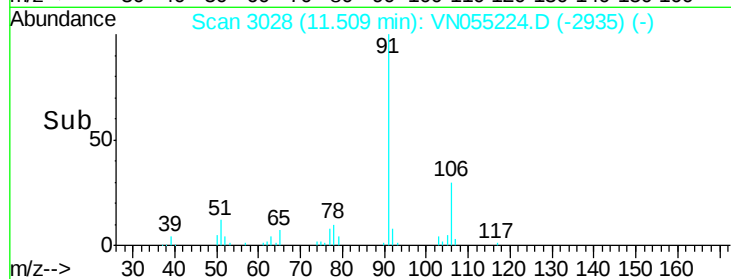
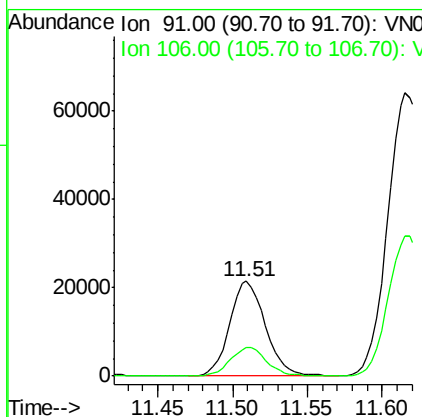
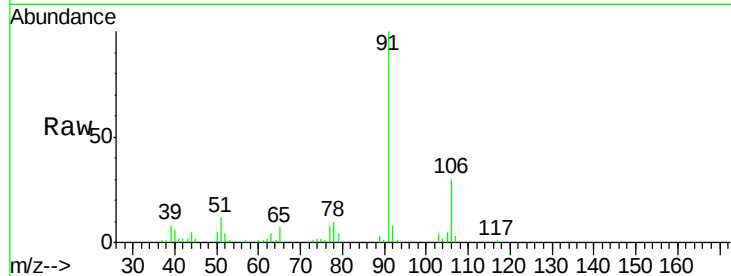




#67
Ethyl Benzene
Concen: 1.670 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055224.D
Acq: 24 Apr 2019 13:37

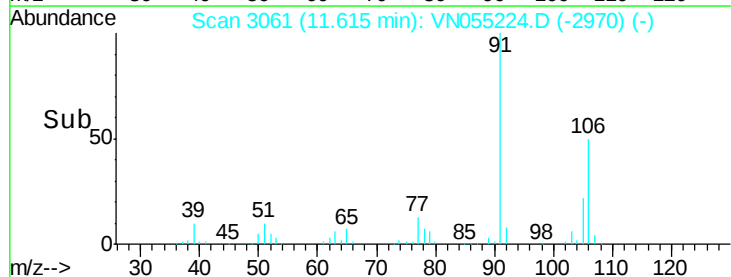
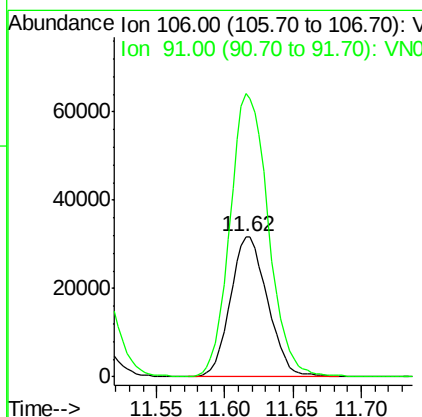
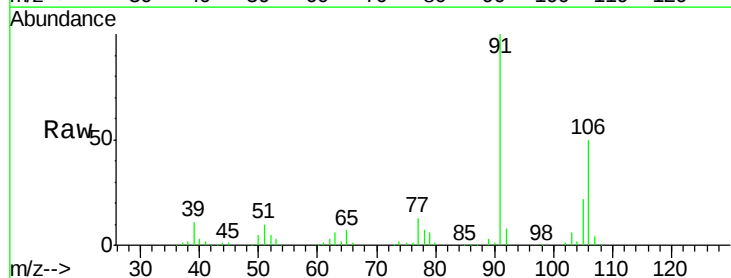
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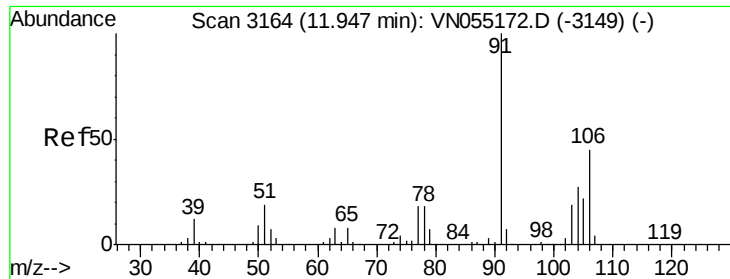
Tot Ion: 91 Resp: 35808
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 7.857 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN055224.D
Acq: 24 Apr 2019 13:37

Tgt Ion: 106 Resp: 60422
Ion Ratio Lower Upper
106 100
91 207.8 167.1 250.7

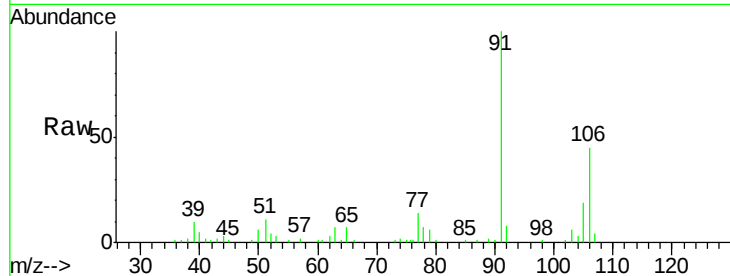




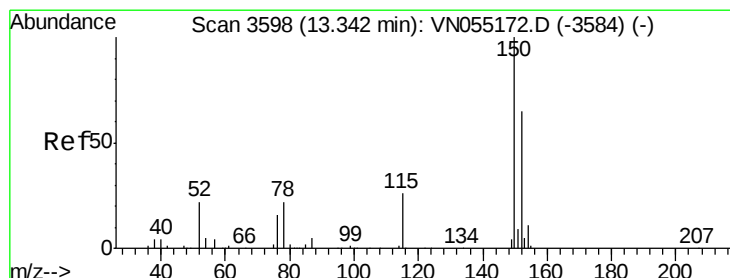
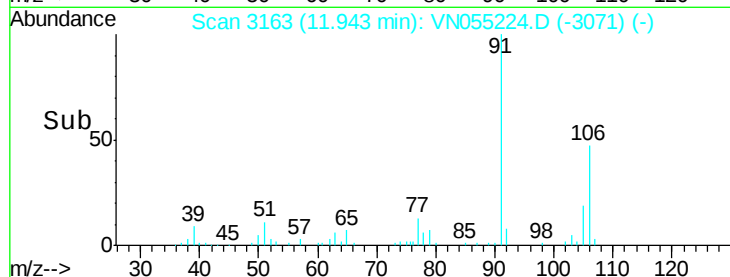
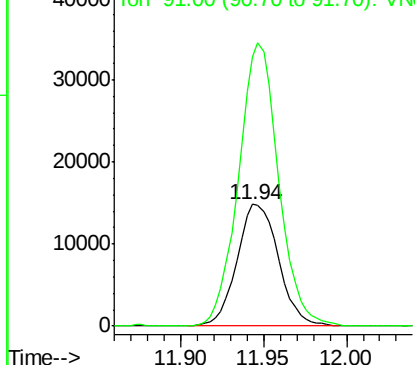
#69
o-Xylene
Concen: 3.392 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055224.D
Acq: 24 Apr 2019 13:37

Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion:106 Resp: 25891
Ion Ratio Lower Upper
106 100
91 223.1 110.6 331.8

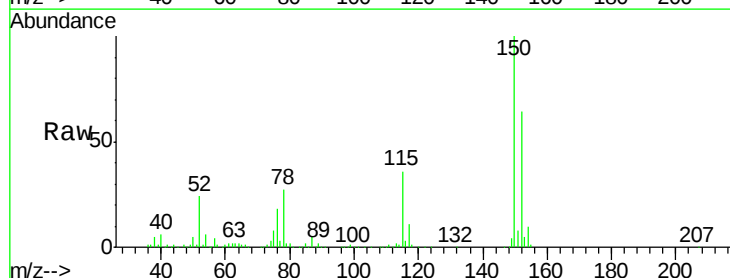


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

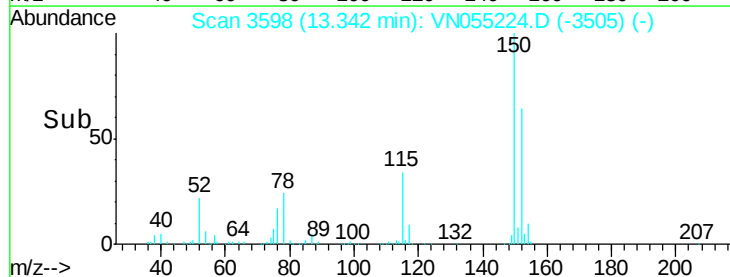
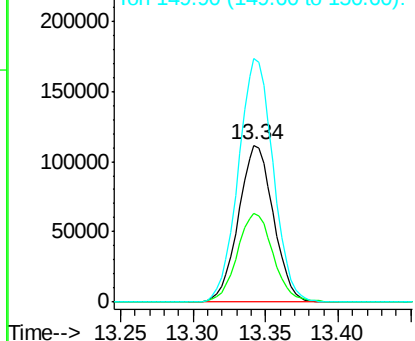


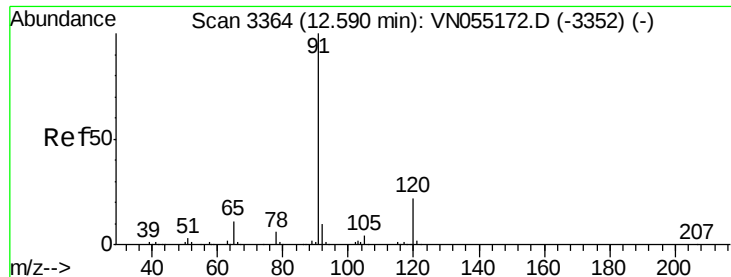
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055224.D
Acq: 24 Apr 2019 13:37

Tgt Ion:152 Resp: 186486
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 155.1 0.0 346.6



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





#78

n-propylbenzene

Concen: 0.609 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055224.D

Acq: 24 Apr 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

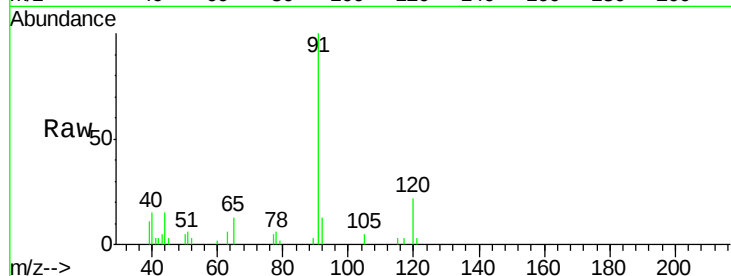
TP-7

Tot Ion: 91 Resp: 11391

Ion Ratio Lower Upper

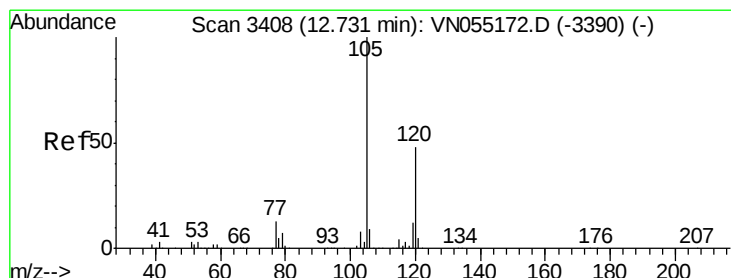
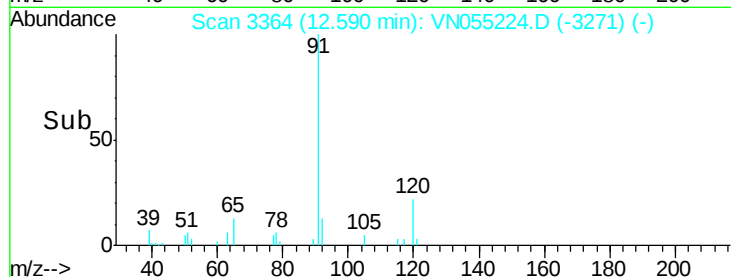
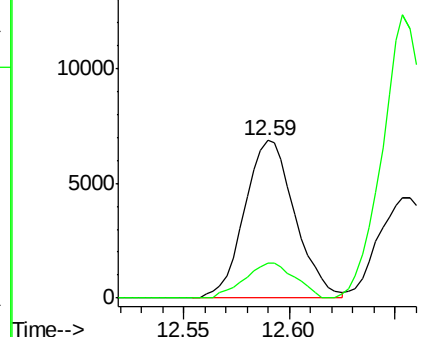
91 100

120 22.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN055224.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055224.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 3.146 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055224.D

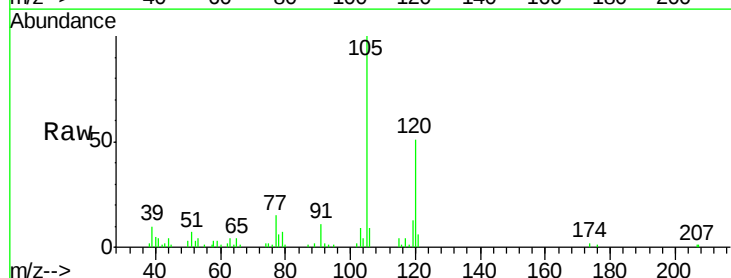
Acq: 24 Apr 2019 13:37

Tgt Ion:105 Resp: 43913

Ion Ratio Lower Upper

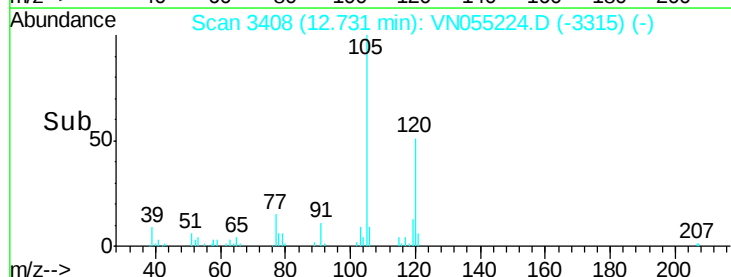
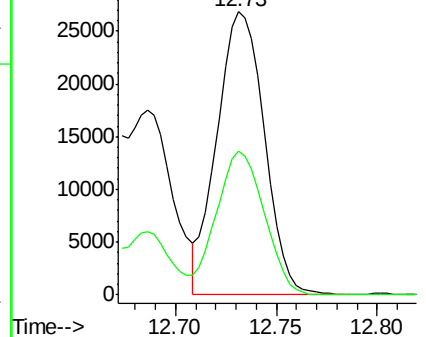
105 100

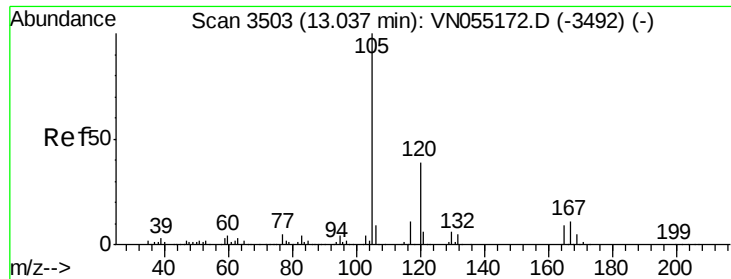
120 50.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055224.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055224.D (-3390) (-)

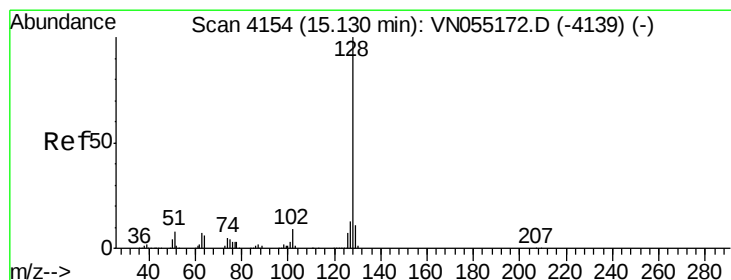
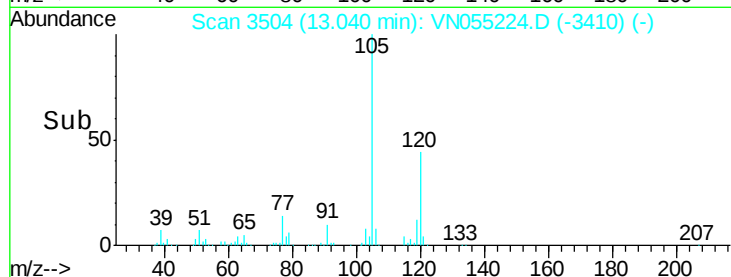
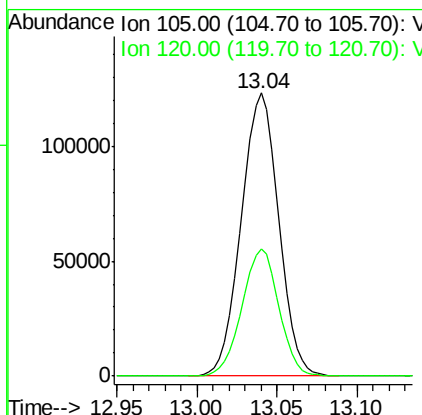
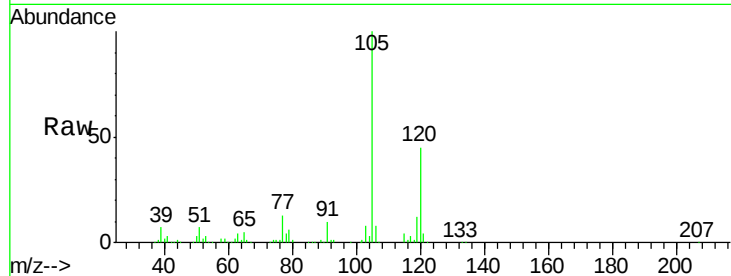




#84
 1,2,4-Trimethylbenzene
 Concen: 14.897 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055224.D
 Acq: 24 Apr 2019 13:37

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

Tot Ion:105 Resp: 196259
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.7 68.1



#95
 Naphthalene
 Concen: 5.537 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN055224.D
 Acq: 24 Apr 2019 13:37

Tgt Ion:128 Resp: 13807
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.3 15.5
 129 13.6 8.8 13.2#

