

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055956.D
 Acq On : 3 Jun 2019 13:00
 Operator : JC/SP
 Sample : K3125-24DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13904DL

Quant Time: Jun 03 19:22:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	342899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	525666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192783	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	176840	49.94	ug/l	0.00
Spiked Amount						
			Recovery	=	99.88%	
35) Dibromofluoromethane	7.59	113	155767	46.87	ug/l	0.00
Spiked Amount						
			Recovery	=	93.74%	
50) Toluene-d8	10.09	98	636831	49.95	ug/l	0.00
Spiked Amount						
			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	219374	50.19	ug/l	0.00
Spiked Amount						
			Recovery	=	100.38%	

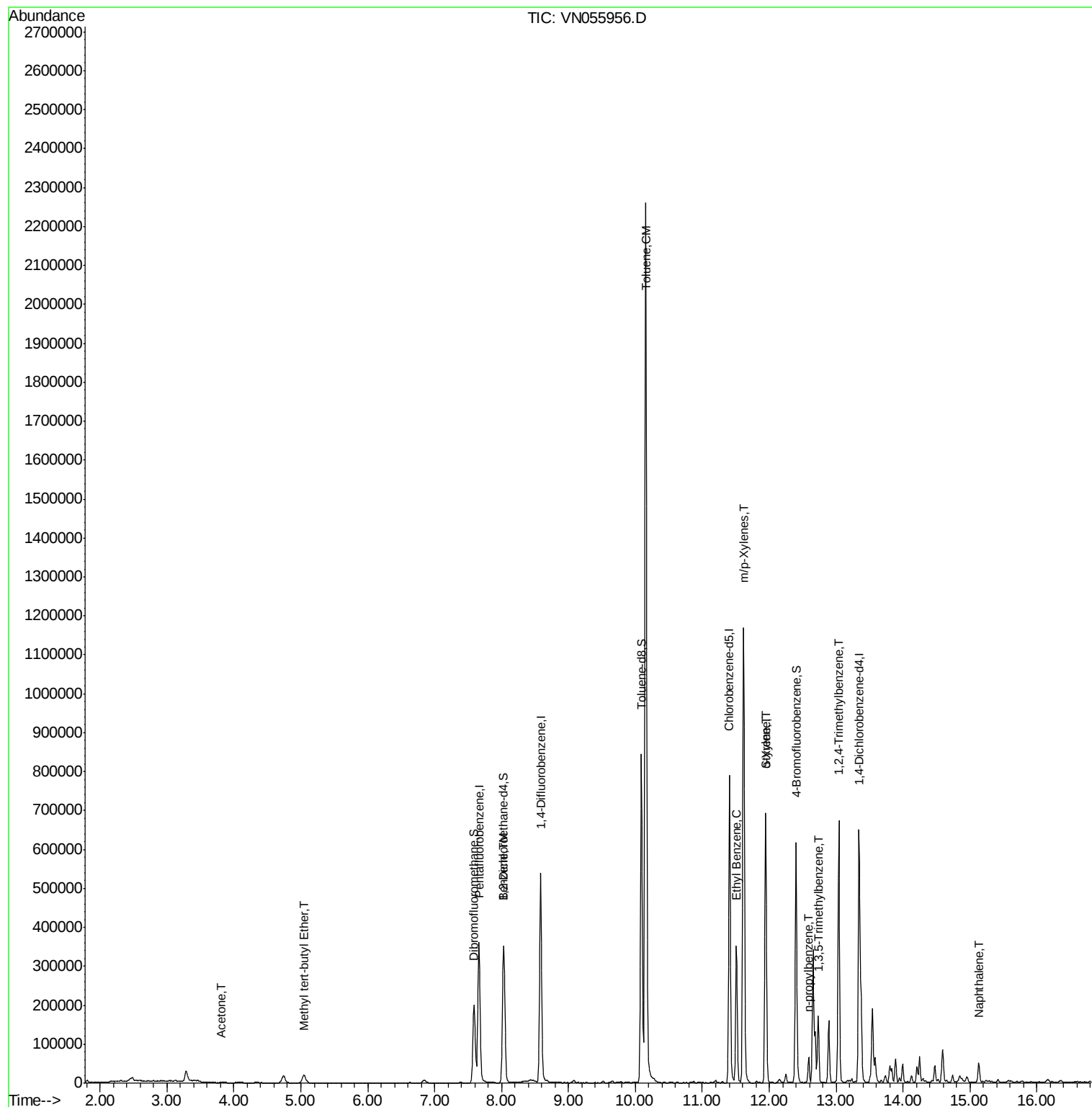
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	3287	2.112	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	34992	3.598	ug/l	99
40) Benzene	8.04	78	203282	14.724	ug/l	100
52) Toluene	10.16	92	1068044	123.003	ug/l	99
67) Ethyl Benzene	11.51	91	273851	15.173	ug/l	99
68) m/p-Xylenes	11.62	106	406800	59.620	ug/l	99
69) o-Xylene	11.95	106	206683	30.531	ug/l	99
70) Styrene	11.95	104	11195	1.021	ug/l #	1
78) n-propylbenzene	12.59	91	55260	3.298	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	95670	6.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	407270	34.621	ug/l	98
95) Naphthalene	15.13	128	46871	5.256	ug/l	99

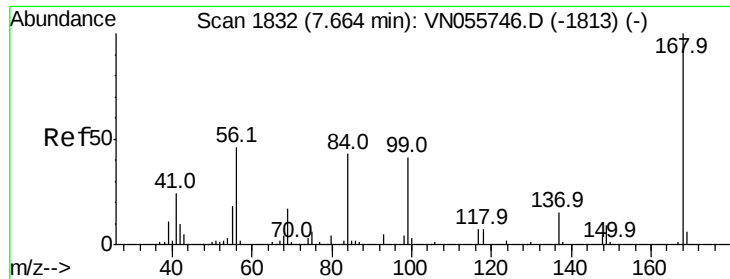
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060319\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
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: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleID :

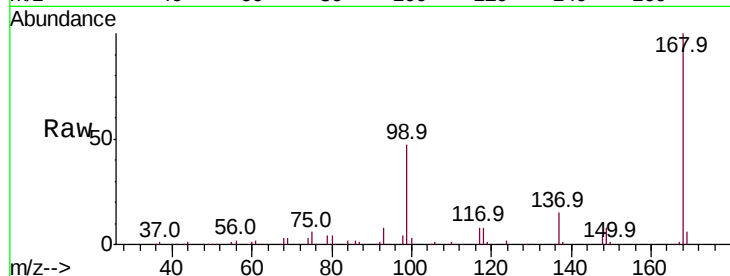
13904DL

Tot Ion:168 Resp: 342899

Ion Ratio Lower Upper

168 100

99 46.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

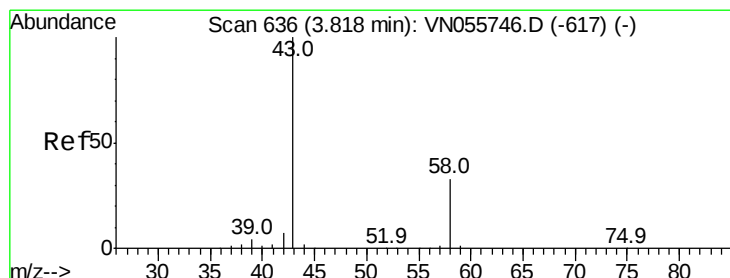
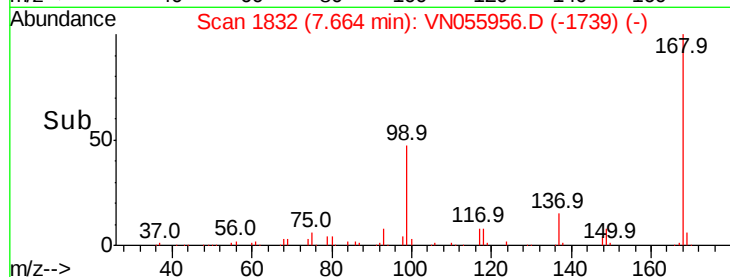
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.112 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055956.D

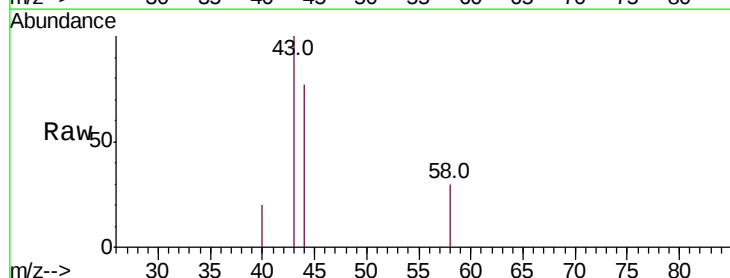
Acq: 3 Jun 2019 13:00

Tgt Ion: 43 Resp: 3287

Ion Ratio Lower Upper

43 100

58 30.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

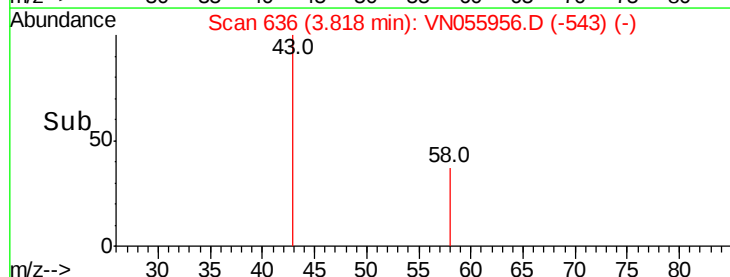
1000

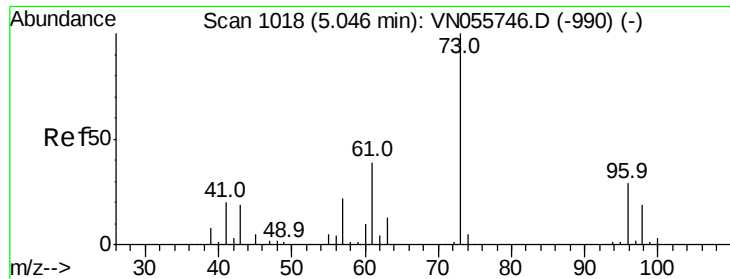
500

0

3.75 3.80 3.85 3.90

Time-->



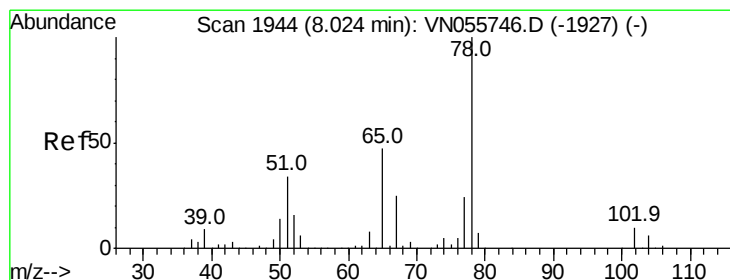
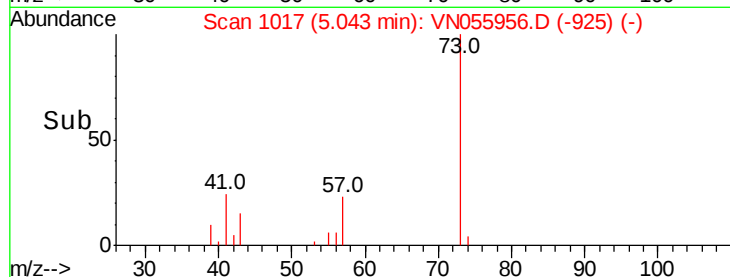
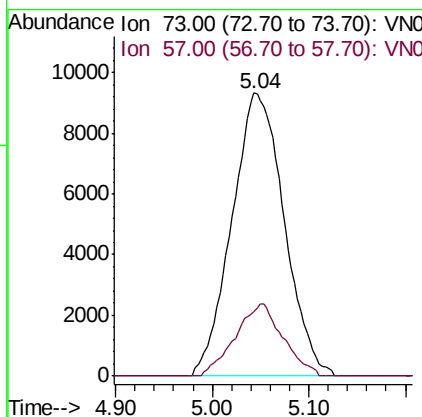
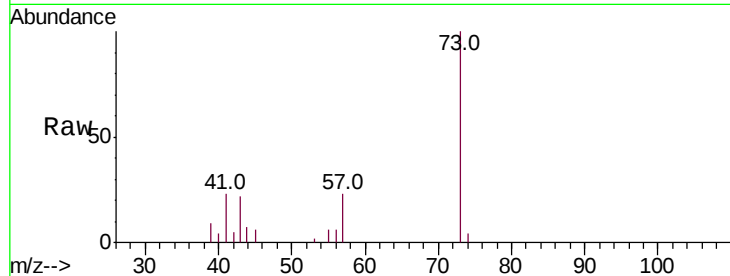


#19

Methvl tert-butvl Ether
 Concen: 3.598 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

Instrument :
 MSVOA_N
 ClientSampled :
 13904DL

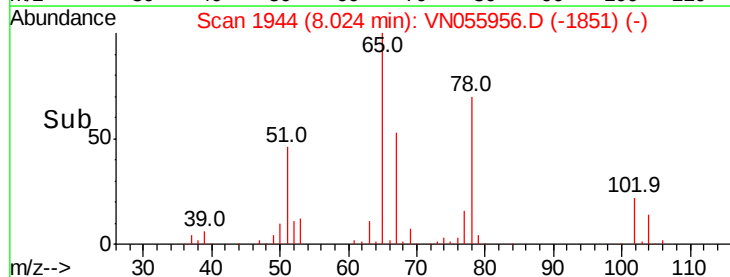
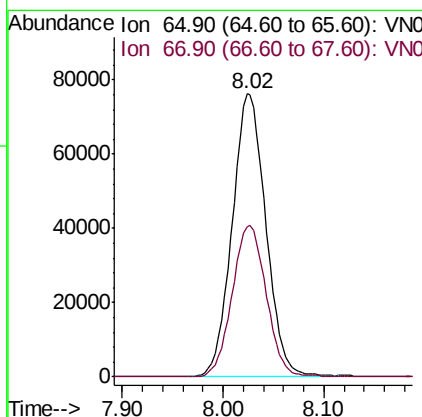
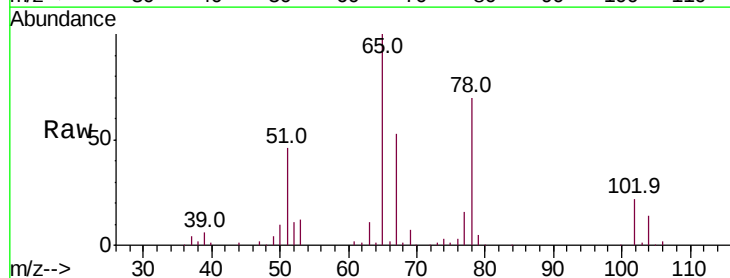
Tot Ion: 73 Resp: 34992
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.8 26.8

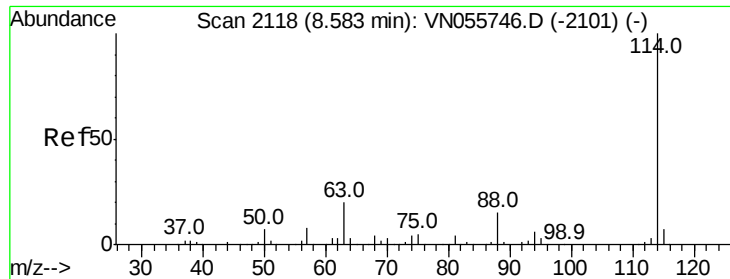


#33

1,2-Dichloroethane-d4
 Concen: 49.938 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

Tgt Ion: 65 Resp: 176840
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2

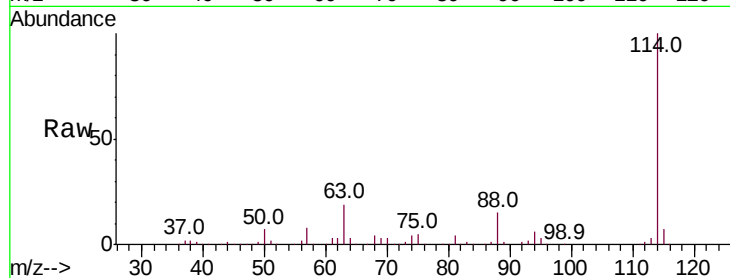




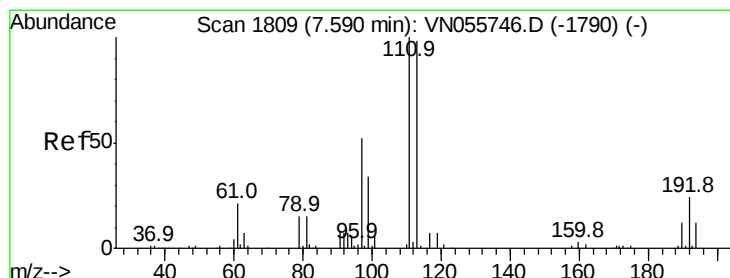
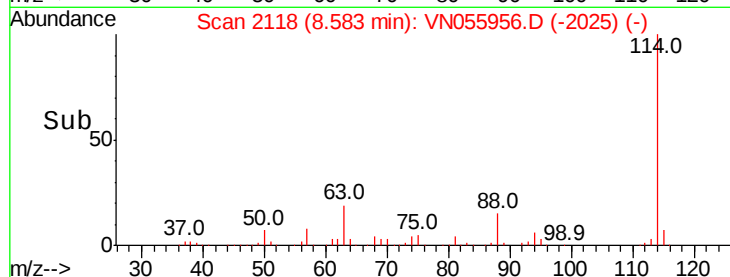
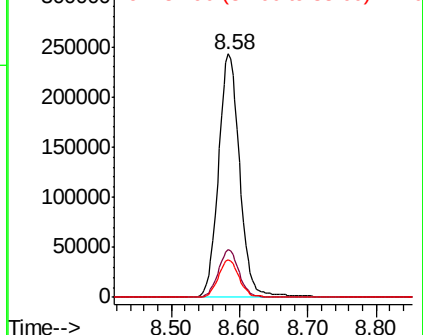
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 13904DL

Tot Ion:114 Resp: 525666
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.0

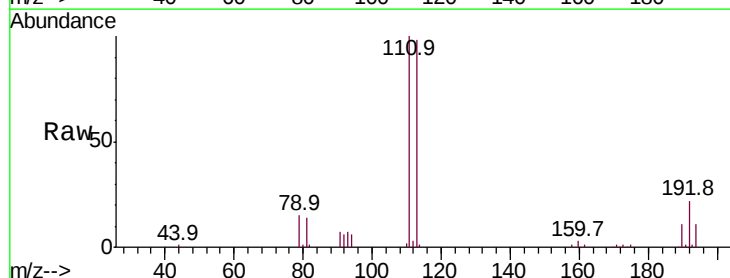


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

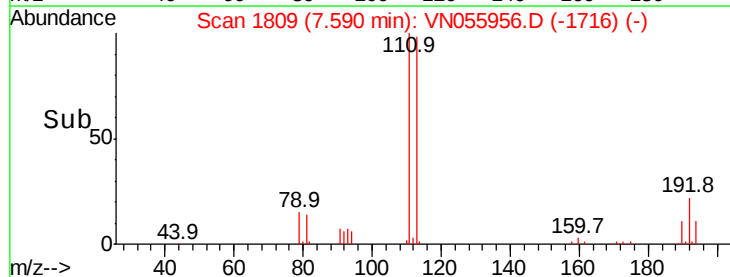
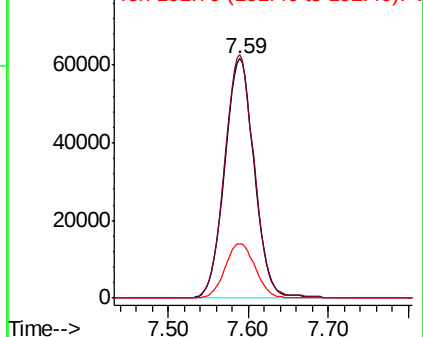


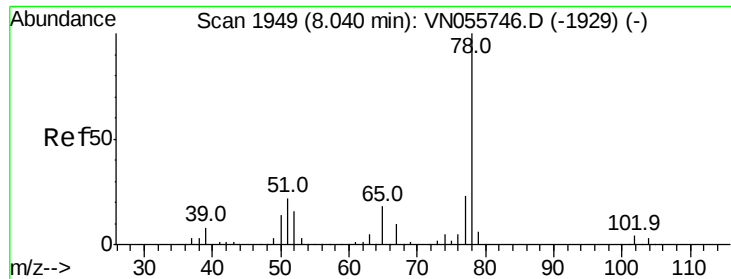
#35
 Dibromofluoromethane
 Concen: 46.869 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055956.D
 Acq: 3 Jun 2019 13:00

Tgt Ion:113 Resp: 155767
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 23.1 19.5 29.3



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: 14.724 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleID :

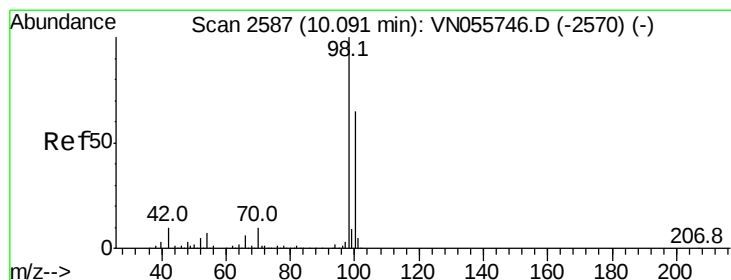
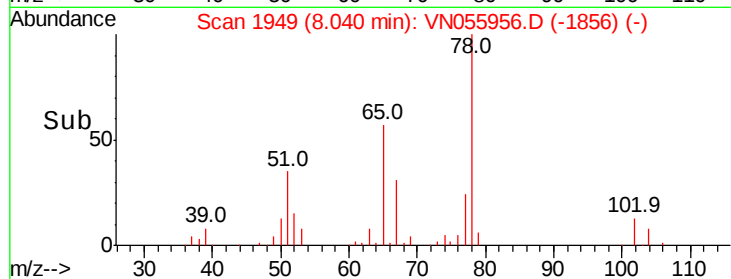
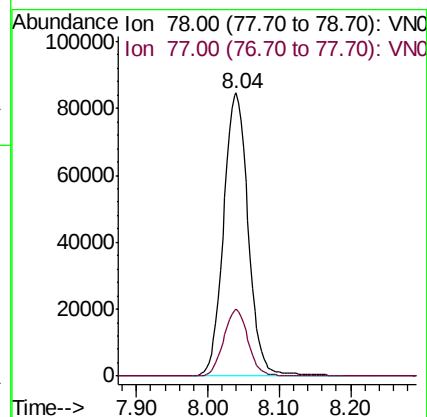
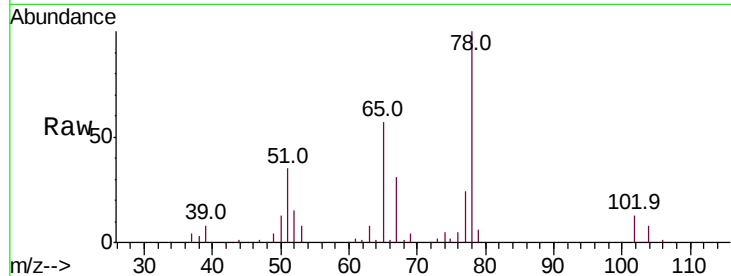
13904DL

Tot Ion: 78 Resp: 203282

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2



#50

Toluene-d8

Concen: 49.954 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055956.D

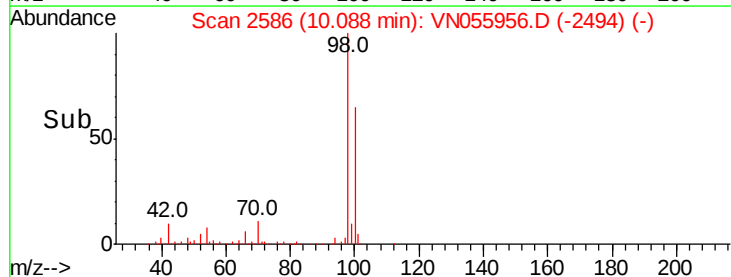
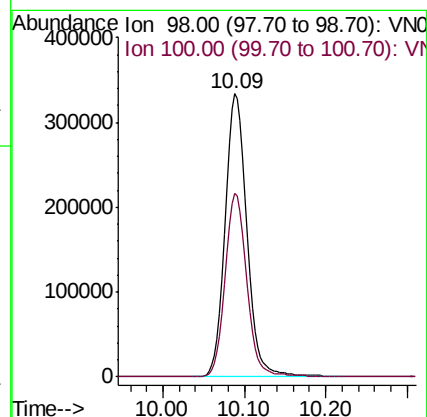
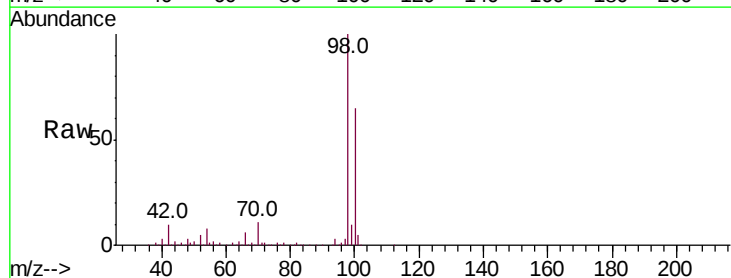
Acq: 3 Jun 2019 13:00

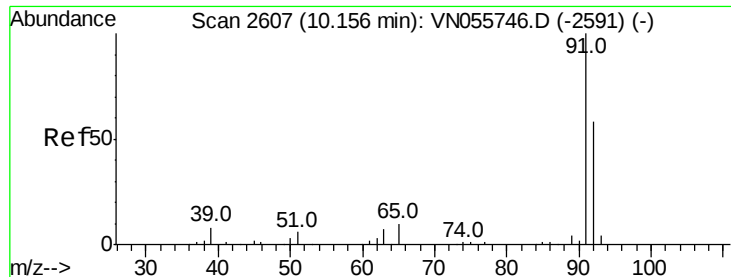
Tgt Ion: 98 Resp: 636831

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9





#52

Toluene

Concen: 123.003 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

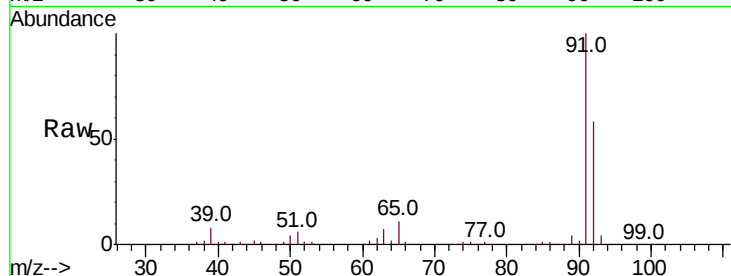
13904DL

Tot Ion: 92 Resp: 1068044

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055956.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN055956.D (-2514) (-)

1000000

800000

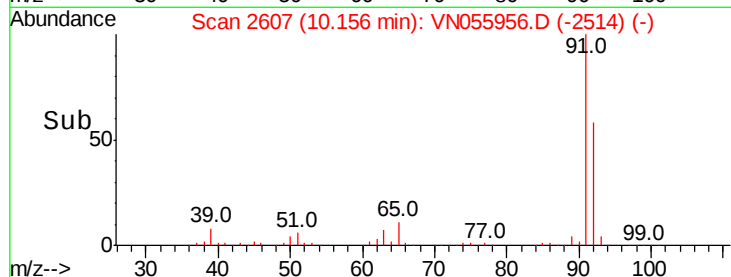
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400000

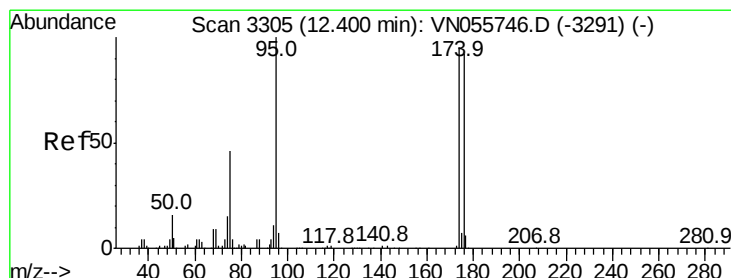
200000

0

10.00 10.16 10.20 10.40



Time-->



#62

4-Bromofluorobenzene

Concen: 50.185 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

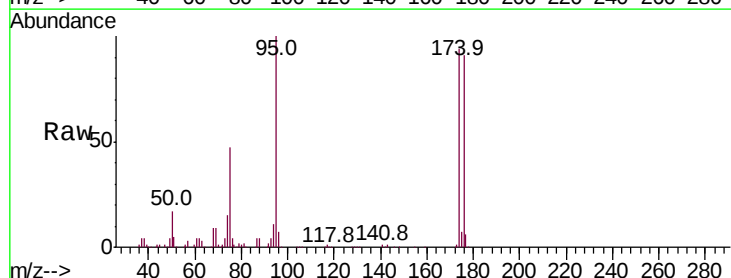
Tgt Ion: 95 Resp: 219374

Ion Ratio Lower Upper

95 100

174 93.5 0.0 191.0

176 90.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055956.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055956.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055956.D (-3212) (-)

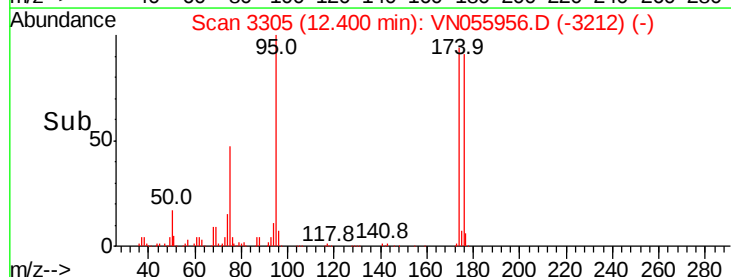
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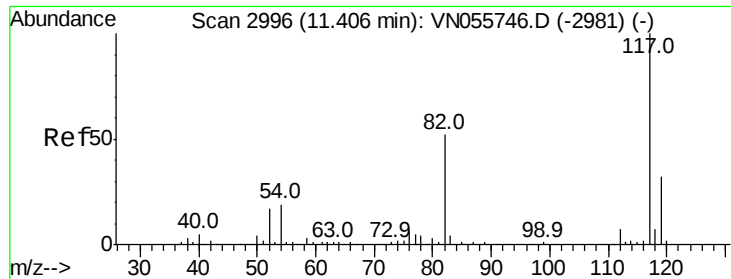
50000

0

12.30 12.40 12.50



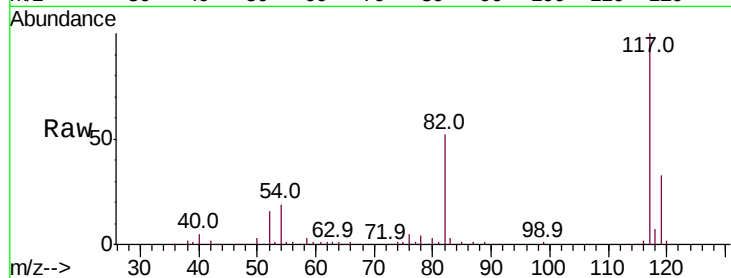
Time-->



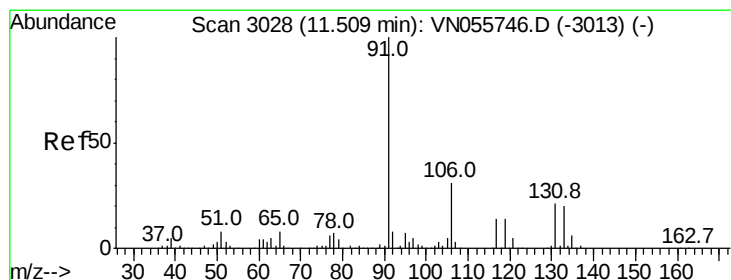
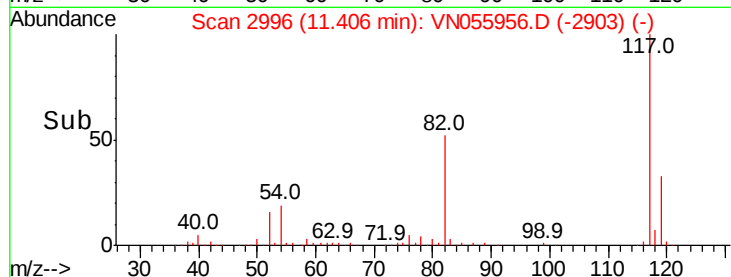
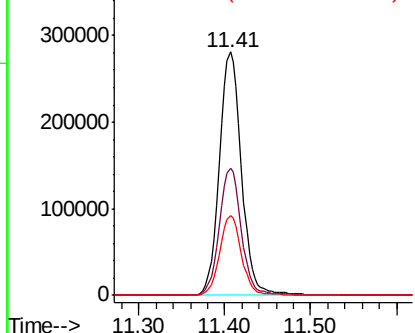
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Instrument :
MSVOA_N
ClientSampled :
13904DL

Tot Ion:117 Resp: 502750
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.6 25.4 38.0

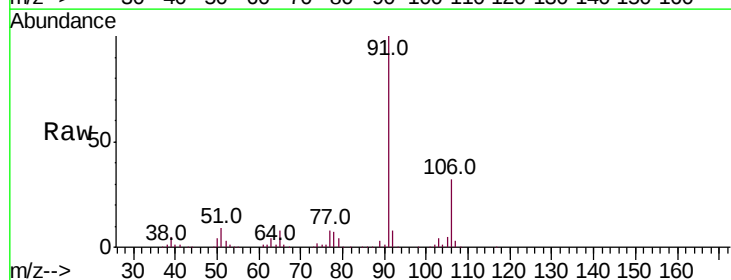


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

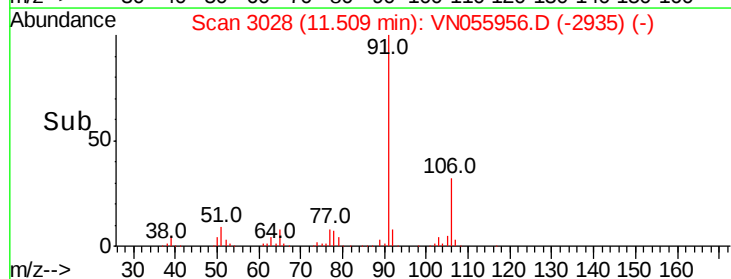
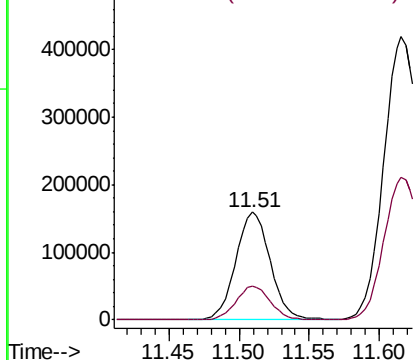


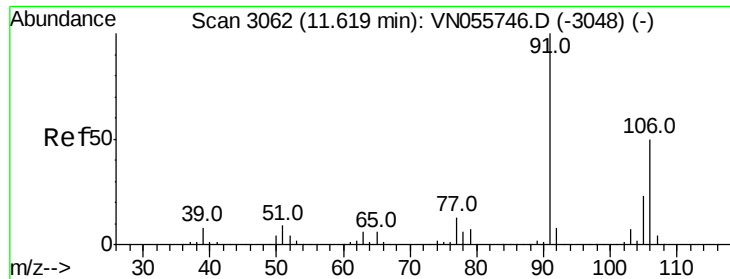
#67
Ethyl Benzene
Concen: 15.173 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion: 91 Resp: 273851
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



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

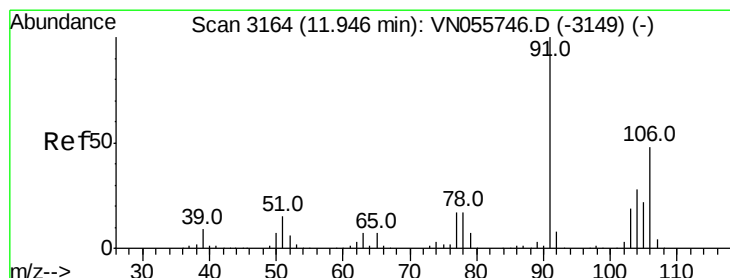
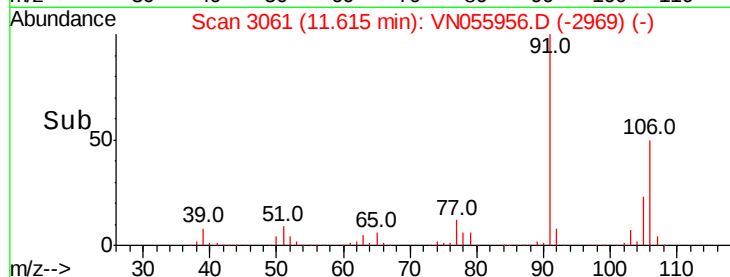
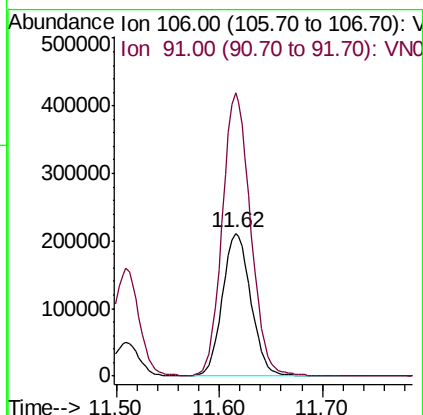
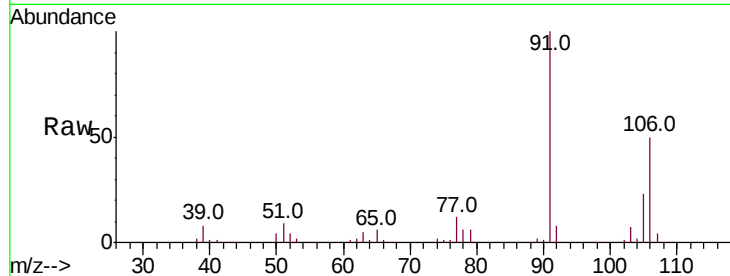




#68
m/p-Xylenes
Concen: 59.620 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

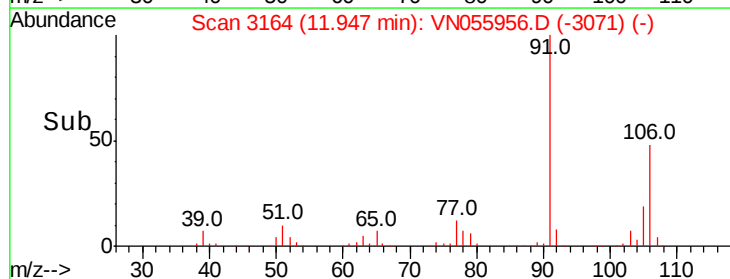
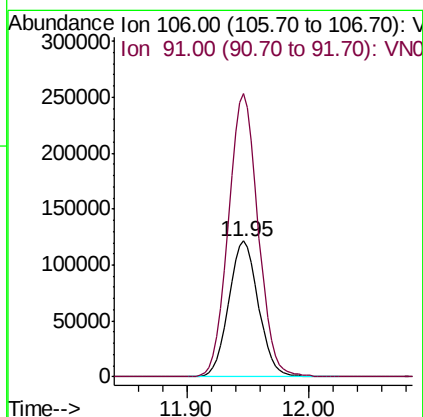
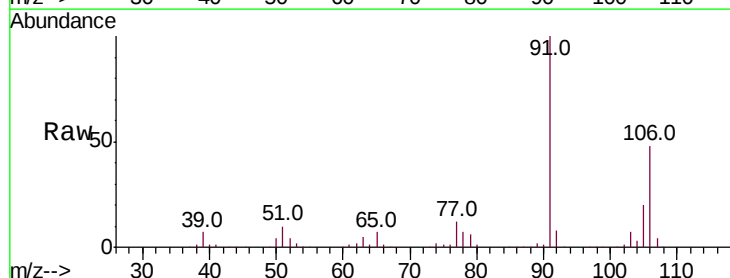
Instrument :
MSVOA_N
ClientSampled :
13904DL

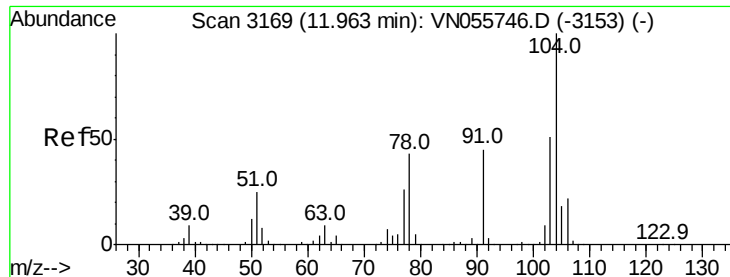
Tot Ion:106 Resp: 406800
Ion Ratio Lower Upper
106 100
91 196.9 159.3 238.9



#69
o-Xylene
Concen: 30.531 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055956.D
Acq: 3 Jun 2019 13:00

Tgt Ion:106 Resp: 206683
Ion Ratio Lower Upper
106 100
91 208.6 104.7 314.1





#70

Stvrene

Concen: 1.021 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

13904DL

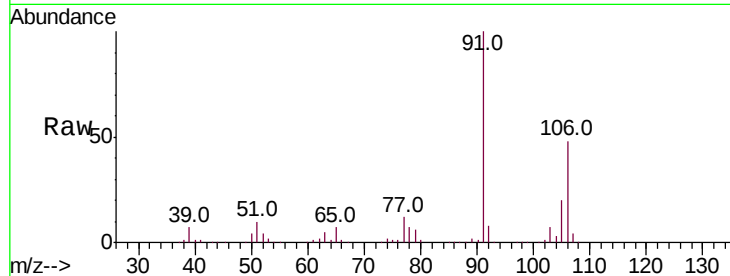
Tot Ion:104 Resp: 11195

Ion Ratio Lower Upper

104 100

78 249.6 37.8 56.6#

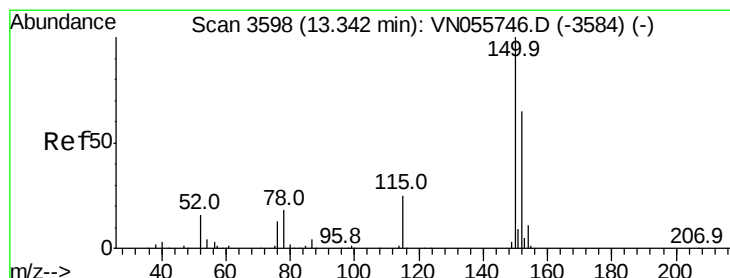
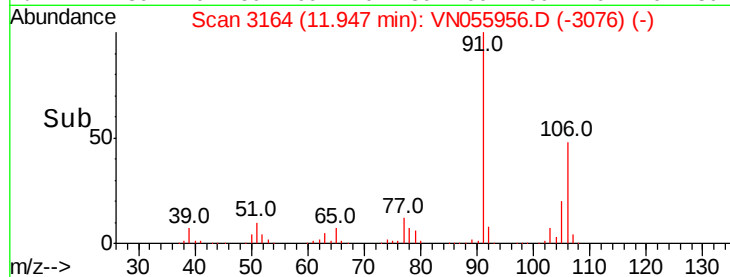
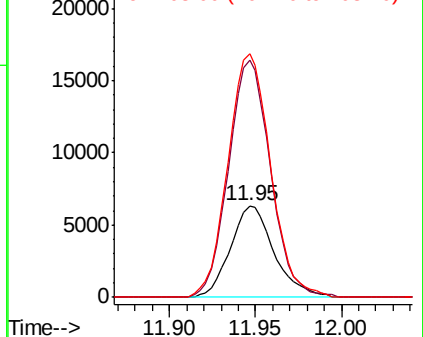
103 260.6 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

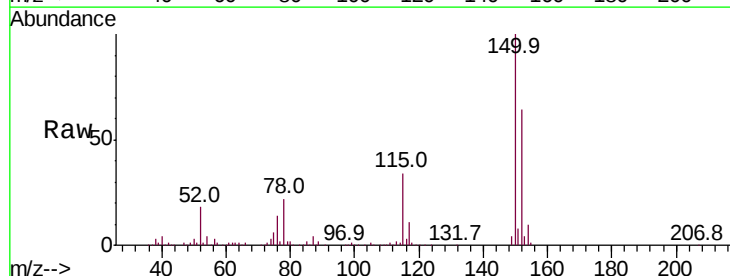
Tgt Ion:152 Resp: 192783

Ion Ratio Lower Upper

152 100

115 56.5 27.0 81.0

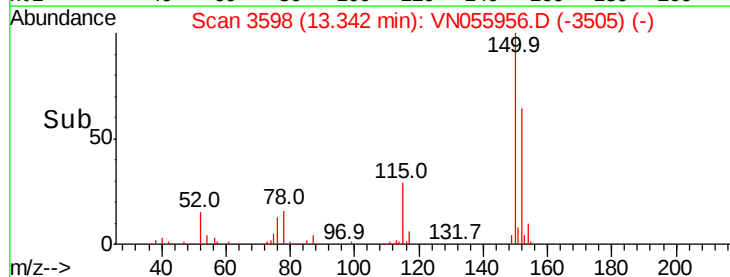
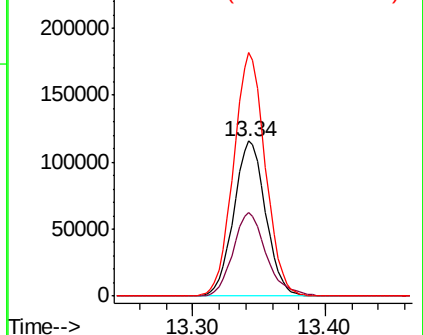
150 156.6 0.0 343.2

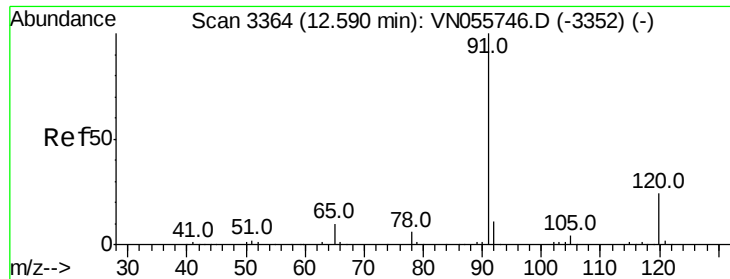


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 3.298 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

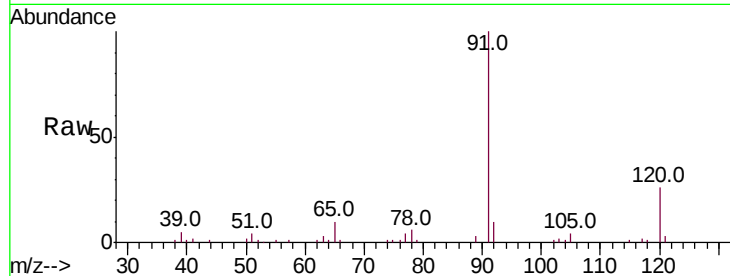
13904DL

Tot Ion: 91 Resp: 55260

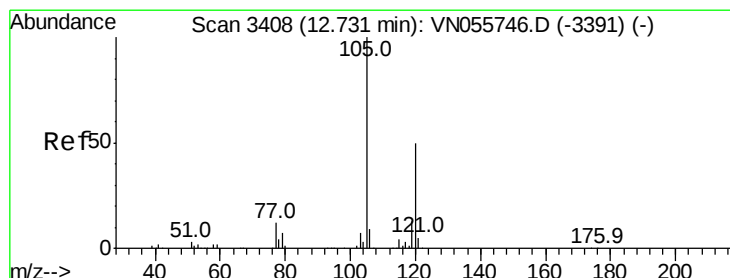
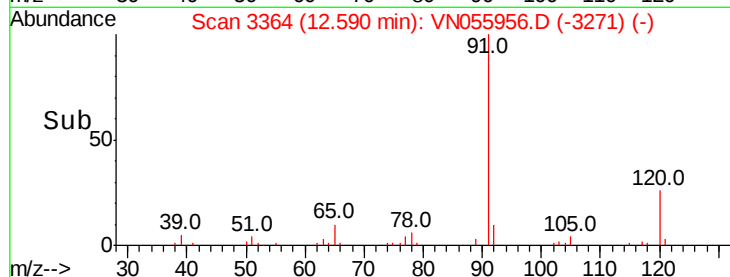
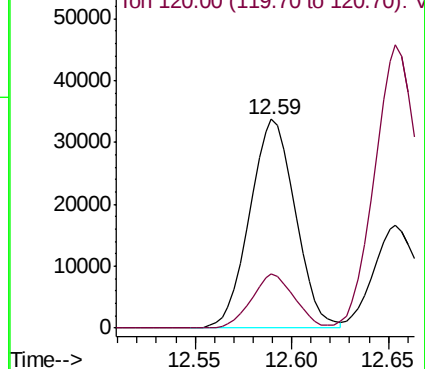
Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 6.037 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055956.D

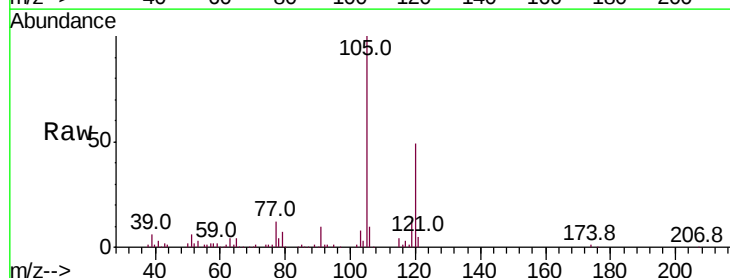
Acq: 3 Jun 2019 13:00

Tgt Ion: 105 Resp: 95670

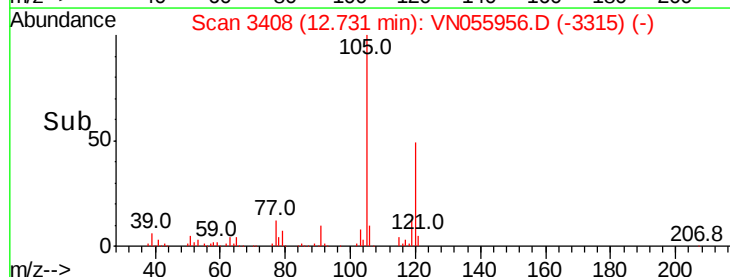
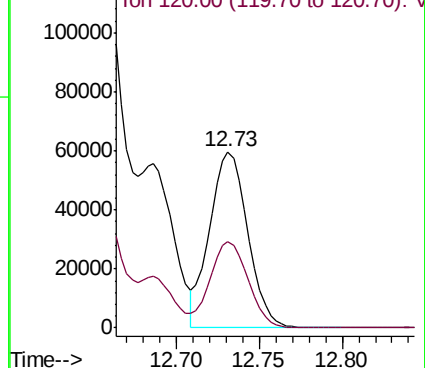
Ion Ratio Lower Upper

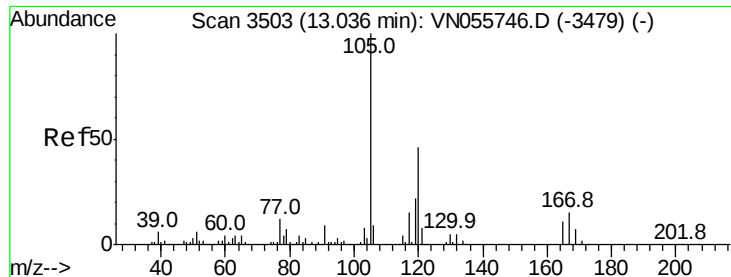
105 100

120 48.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)





#84

1,2,4-Trimethylbenzene

Concen: 34.621 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

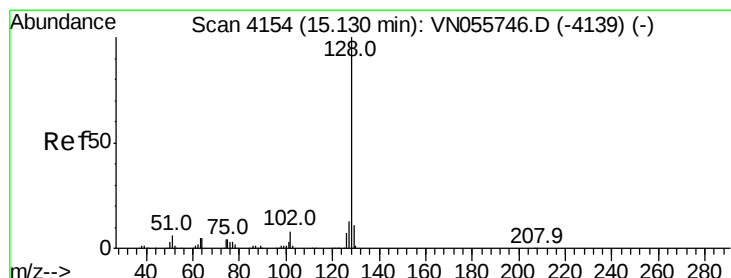
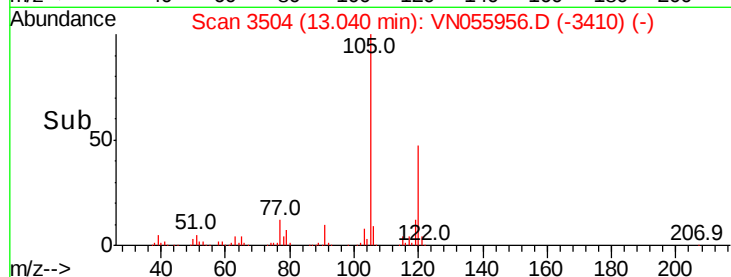
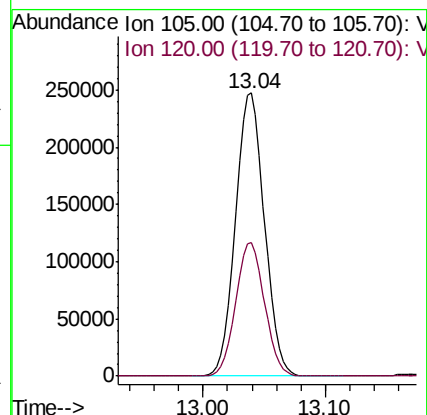
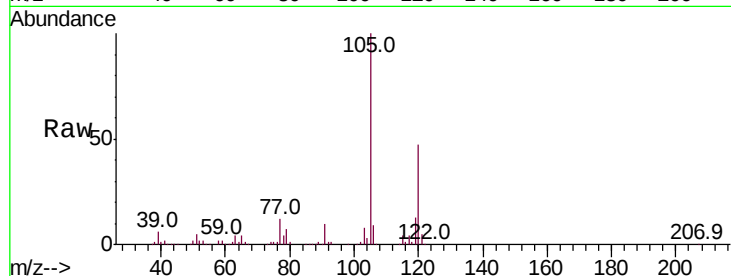
13904DL

Tot Ion:105 Resp: 407270

Ion Ratio Lower Upper

105 100

120 47.0 23.0 69.0



#95

Naphthalene

Concen: 5.256 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055956.D

Acq: 3 Jun 2019 13:00

Tgt Ion:128 Resp: 46871

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 10.6 8.7 13.1

