

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054007.D
 Acq On : 28 Feb 2019 16:34
 Operator : JC/SP
 Sample : K1340-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-022719

Quant Time: Mar 01 05:01:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1123567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1103320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429335	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	397359	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	
35) Dibromofluoromethane	7.59	113	359250	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1424760	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	482768	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	

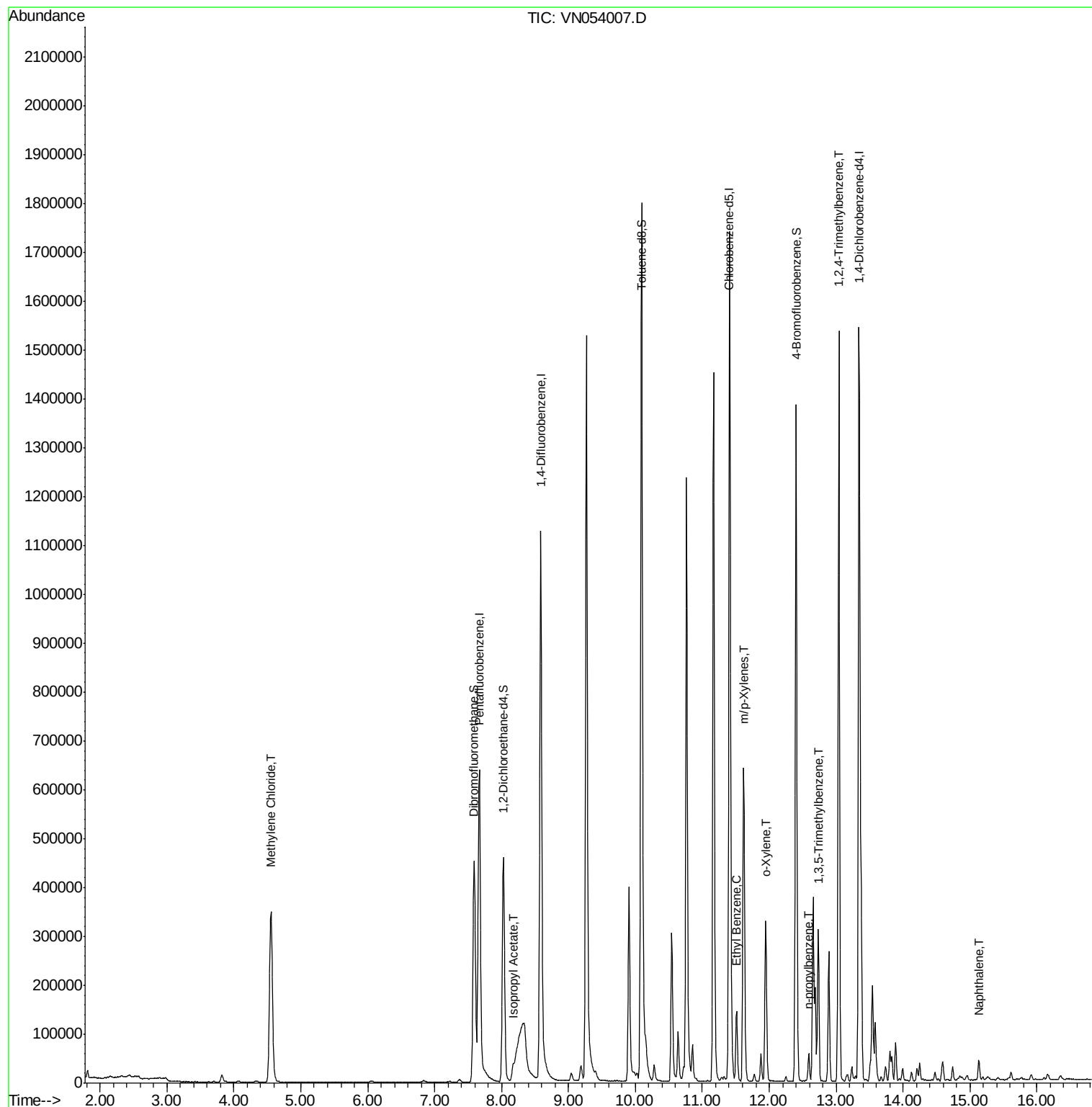
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	263401	37.226	ug/l	89
43) Isopropyl Acetate	8.17	43	39452	3.132	ug/l #	87
67) Ethyl Benzene	11.51	91	114045	2.922	ug/l	100
68) m/p-Xylenes	11.62	106	215051	14.596	ug/l	96
69) o-Xylene	11.95	106	94368	6.519	ug/l	96
78) n-propylbenzene	12.59	91	44671	1.175	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	168826	6.170	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	860085	31.487	ug/l	99
95) Naphthalene	15.13	128	34435	5.107	ug/l	97

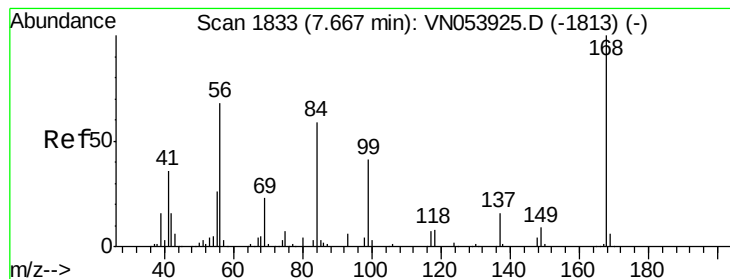
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

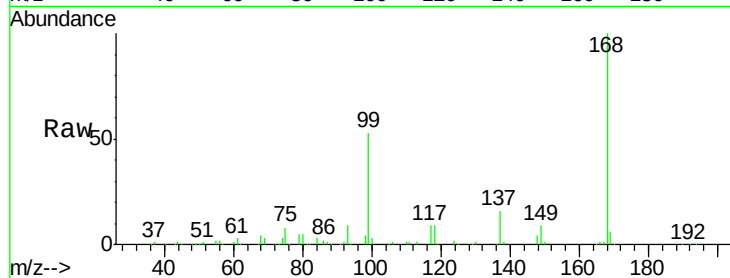
BU-03-022719

Tot Ion:168 Resp: 609881

Ion Ratio Lower Upper

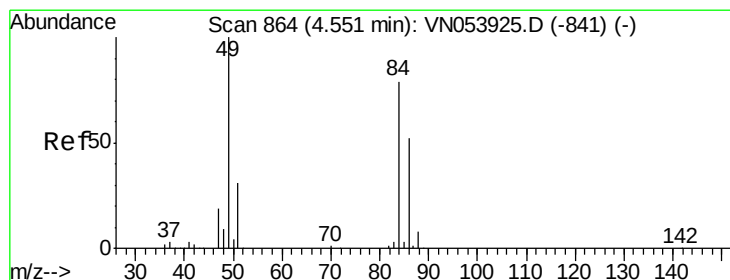
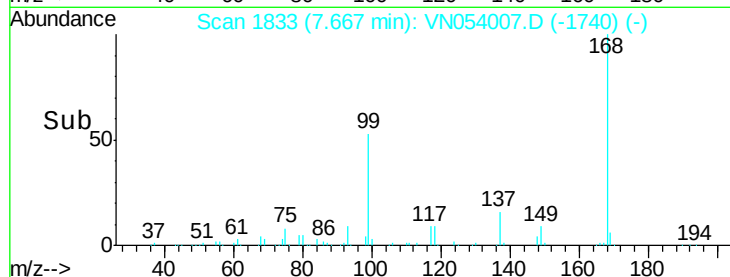
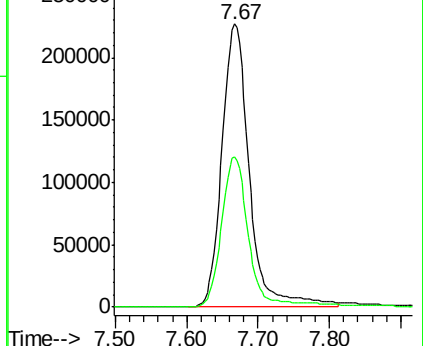
168 100

99 53.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 37.226 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Tgt Ion: 84 Resp: 263401

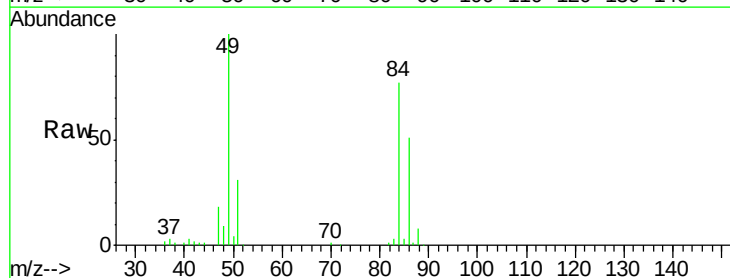
Ion Ratio Lower Upper

84 100

49 129.6 89.7 134.5

51 40.0 27.8 41.8

86 65.8 51.3 76.9

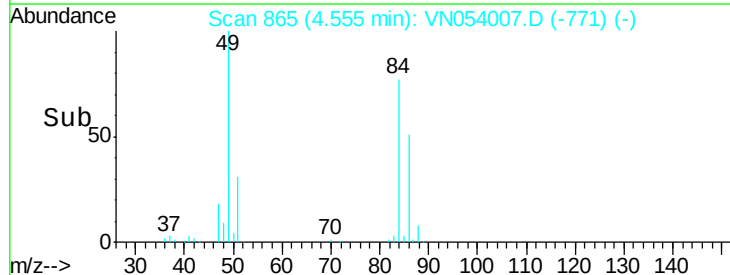
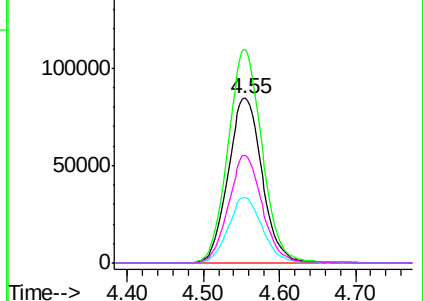


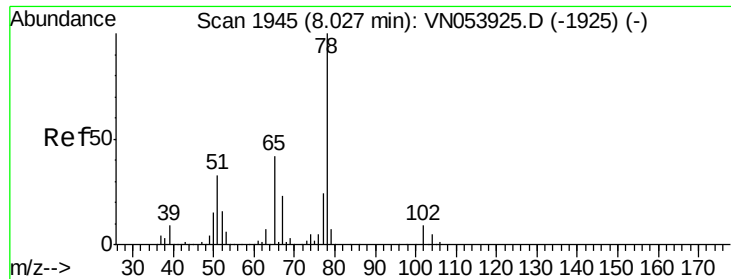
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

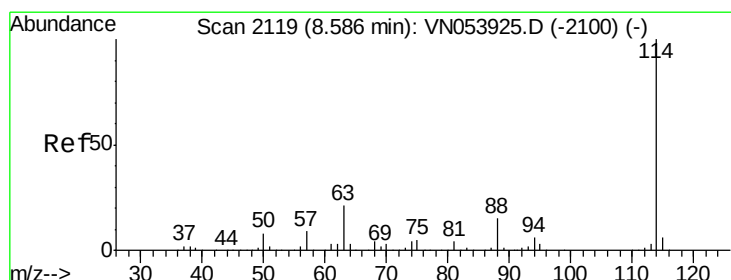
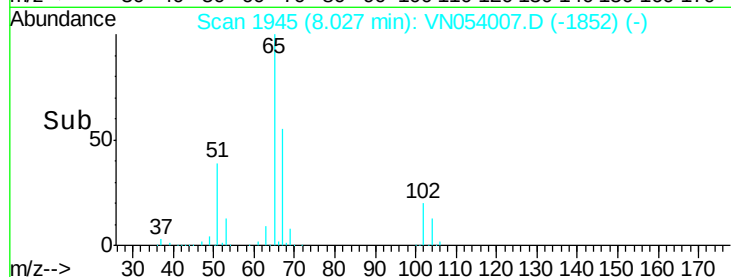
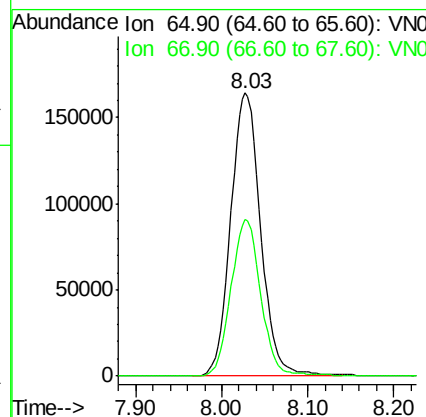
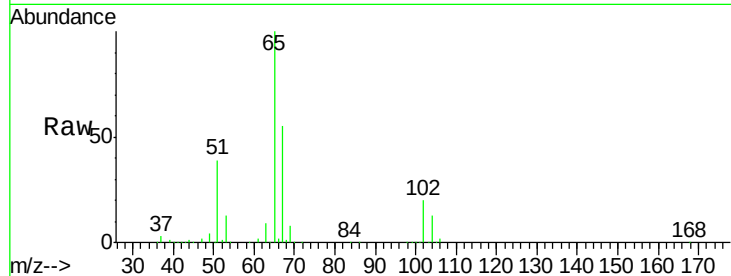




#33
 1,2-Dichloroethane-d4
 Concen: 55.581 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

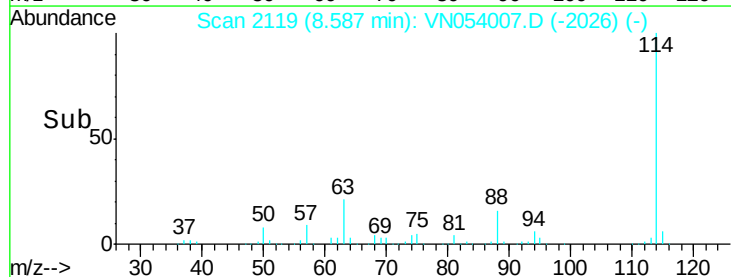
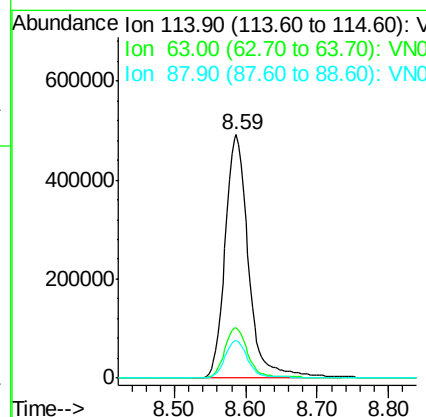
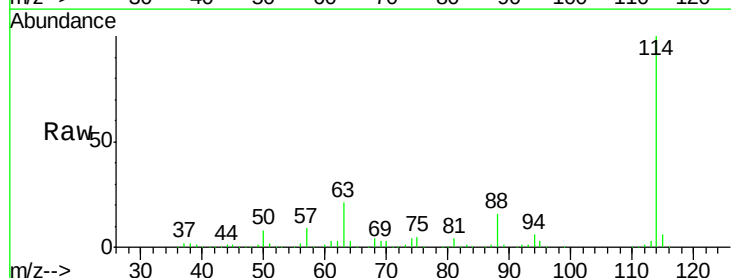
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-022719

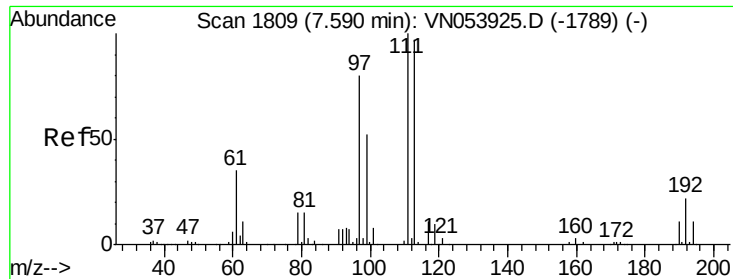
Tot Ion: 65 Resp: 397359
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

Tgt Ion: 114 Resp: 1123567
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.7 0.0 30.4

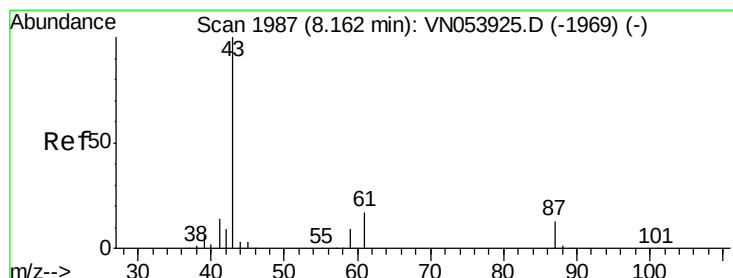
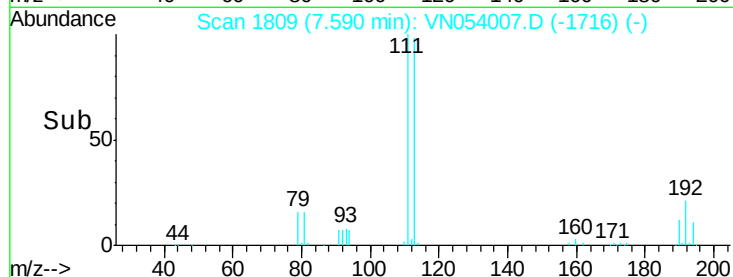
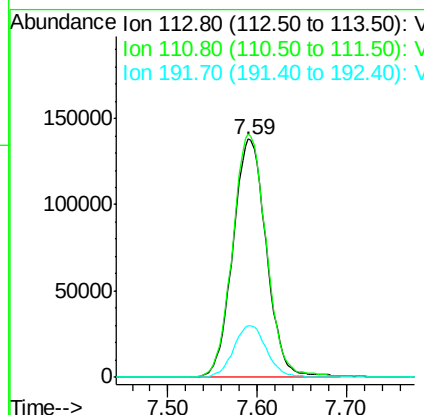
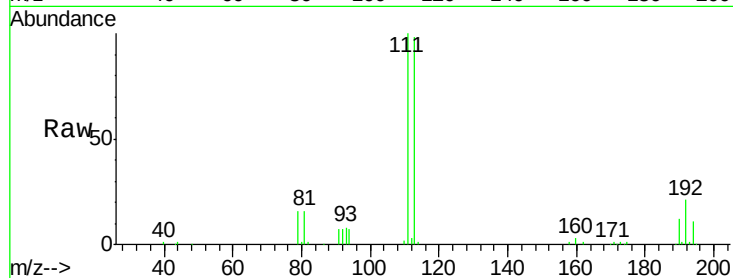




#35
 Dibromofluoromethane
 Concen: 49.445 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

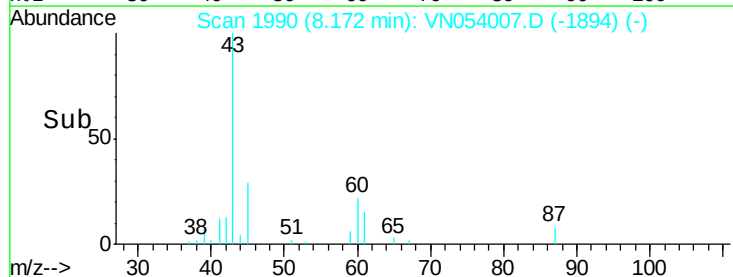
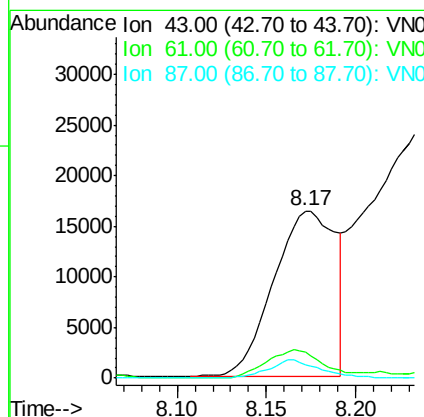
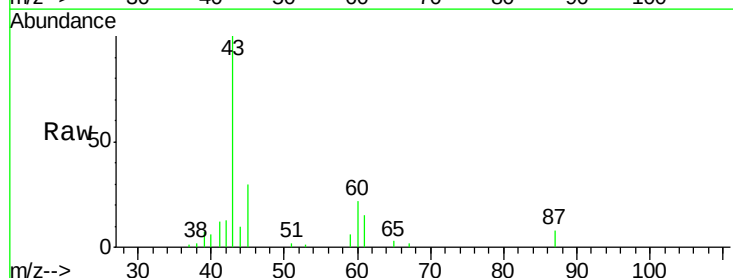
Instrument :
 MSVOA_N
 ClientSampled :
 BU-03-022719

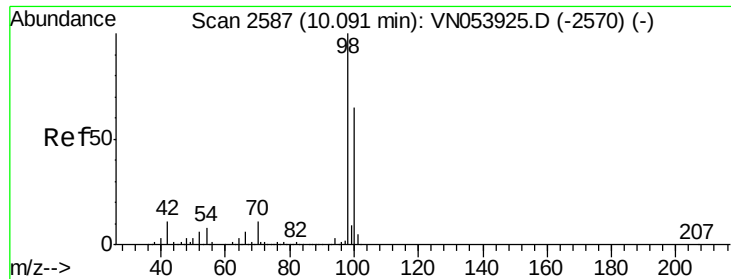
Tot Ion:113 Resp: 359250
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.132 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

Tgt Ion: 43 Resp: 39452
 Ion Ratio Lower Upper
 43 100
 61 15.2 17.4 26.0#
 87 9.0 11.5 17.3#





#50

Toluene-d8

Concen: 52.678 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

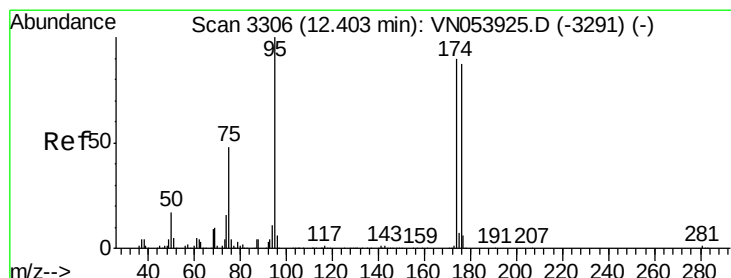
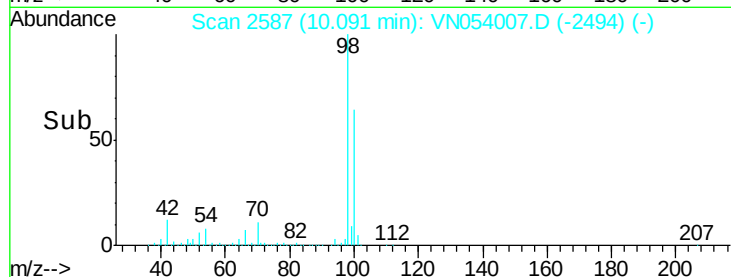
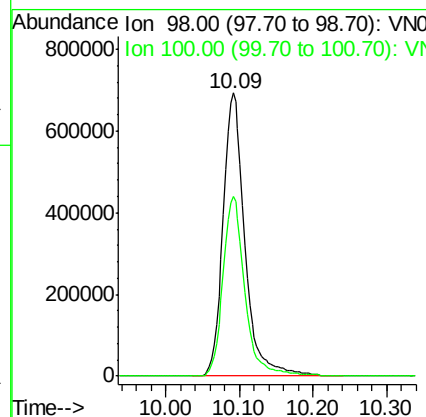
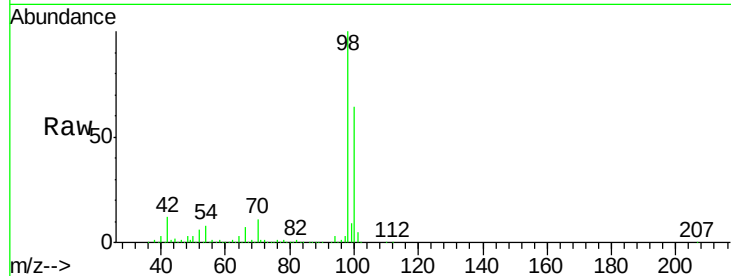
BU-03-022719

Tot Ion: 98 Resp: 1424760

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.574 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

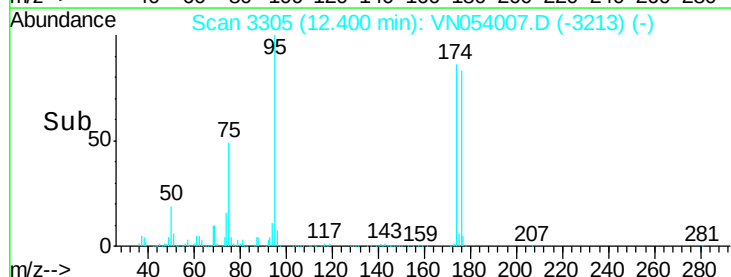
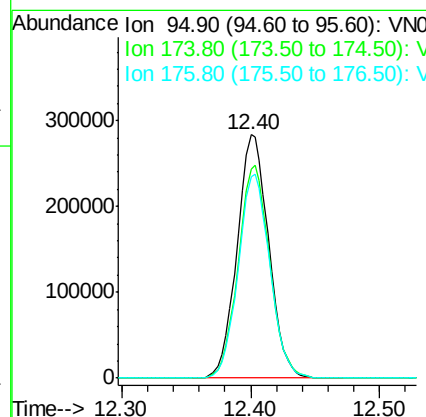
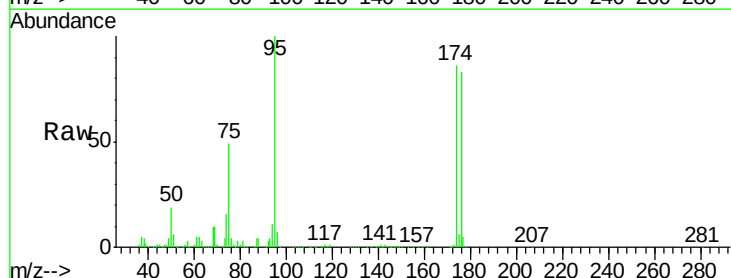
Tgt Ion: 95 Resp: 482768

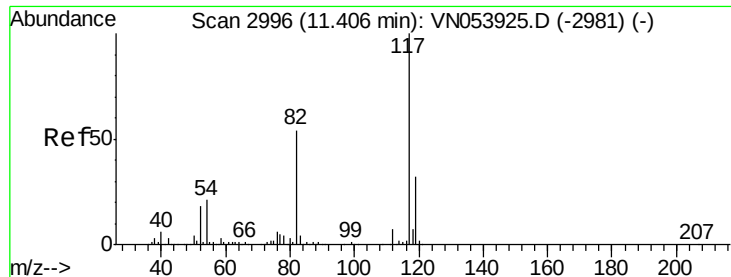
Ion Ratio Lower Upper

95 100

174 87.3 0.0 188.8

176 83.6 0.0 182.6

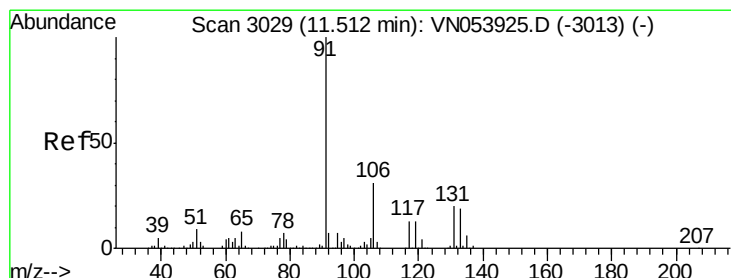
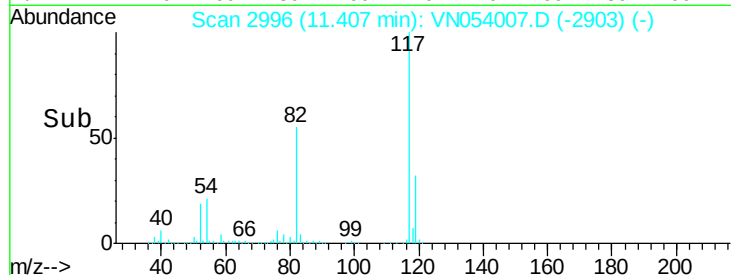
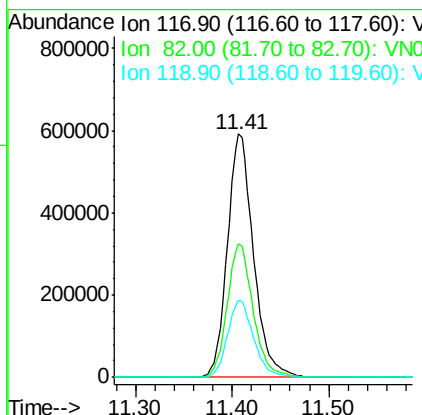
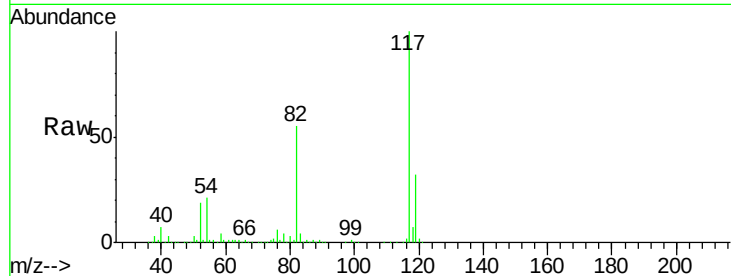




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

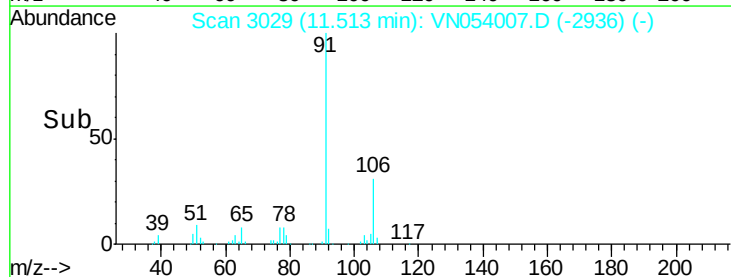
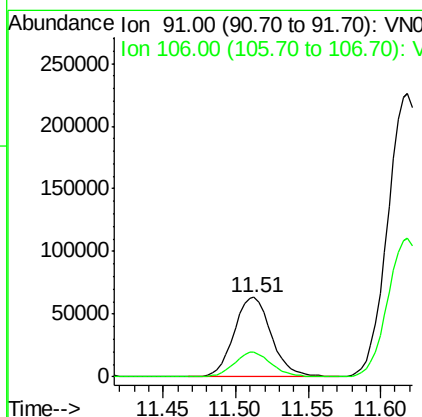
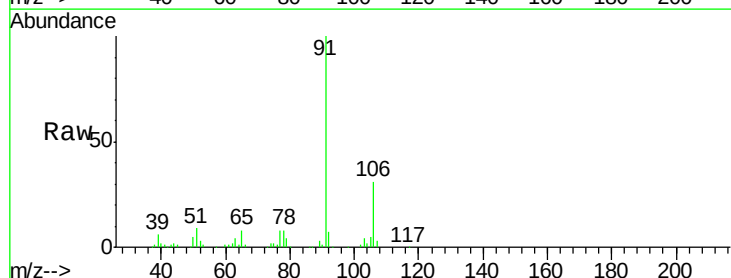
Instrument :
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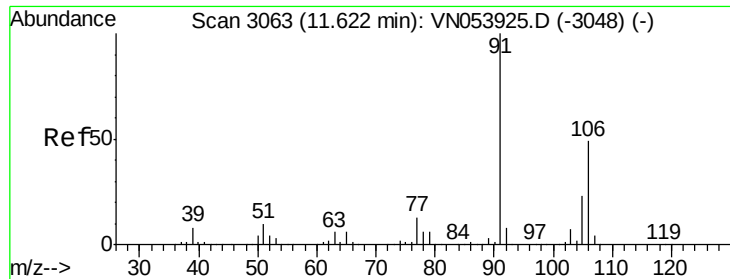
Tot Ion:117 Resp: 1103320
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.8 25.3 37.9



#67
Ethyl Benzene
Concen: 2.922 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Tgt Ion: 91 Resp: 114045
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

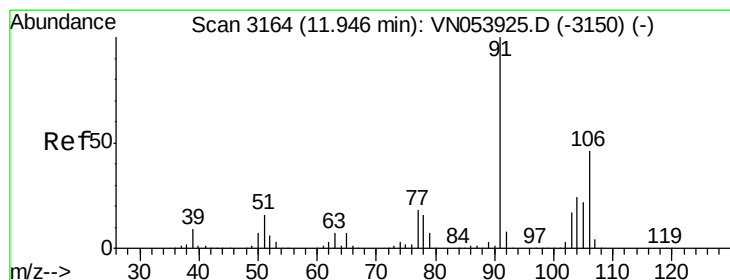
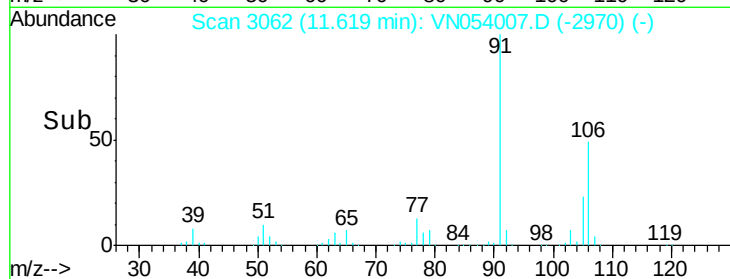
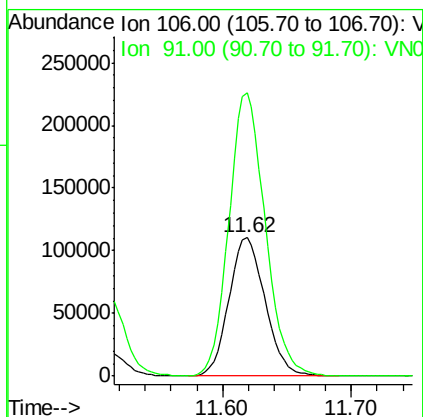
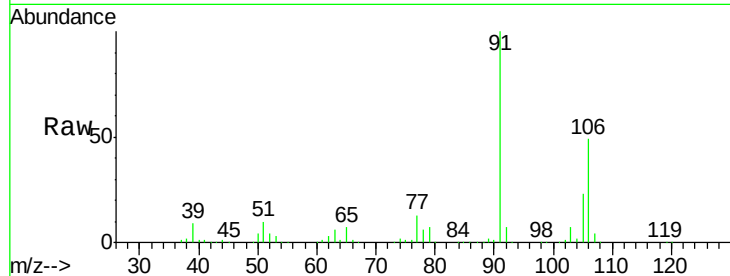




#68
m/p-Xylenes
Concen: 14.596 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

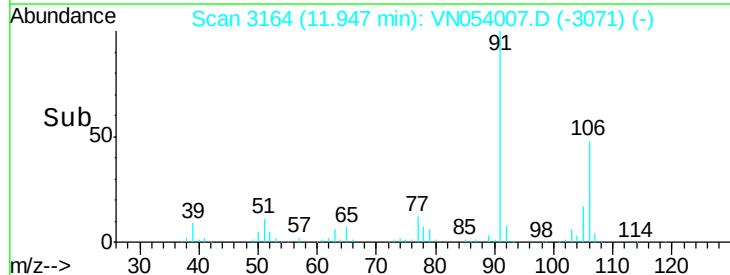
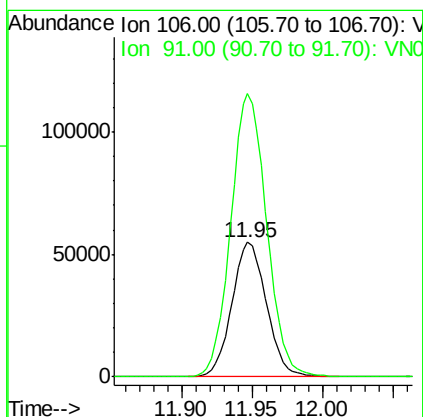
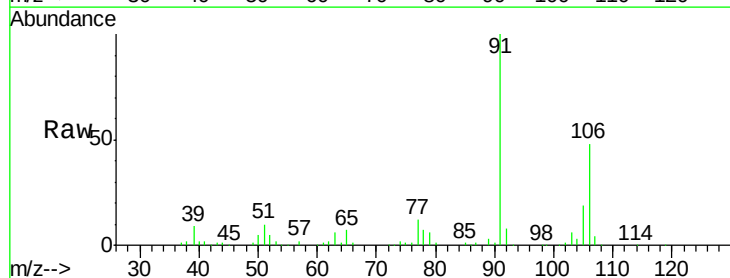
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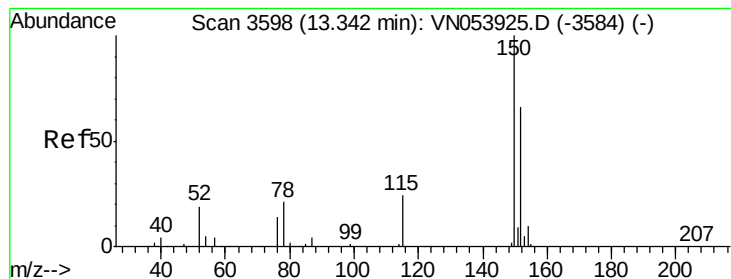
Tot Ion:106 Resp: 215051
Ion Ratio Lower Upper
106 100
91 204.9 158.9 238.3



#69
o-Xylene
Concen: 6.519 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054007.D
Acq: 28 Feb 2019 16:34

Tgt Ion:106 Resp: 94368
Ion Ratio Lower Upper
106 100
91 217.9 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampled :

BU-03-022719

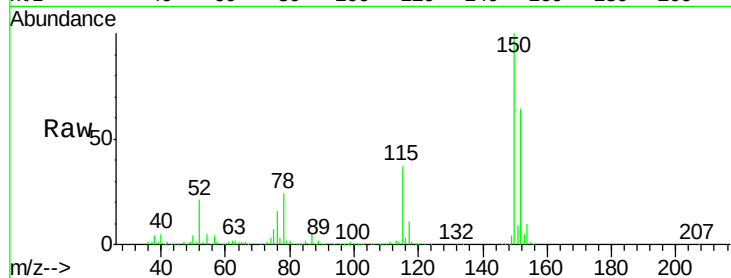
Tot Ion:152 Resp: 429335

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

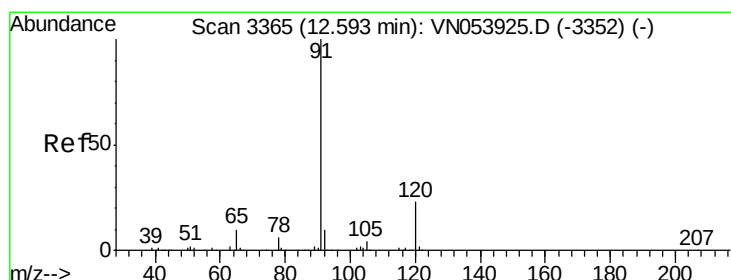
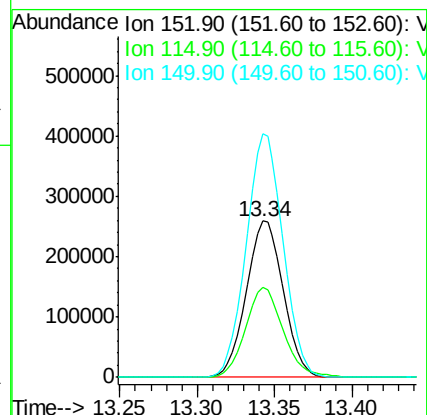
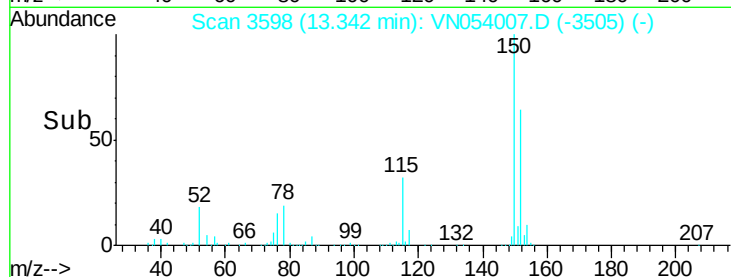
150 155.8 0.0 348.2



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: 1.175 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054007.D

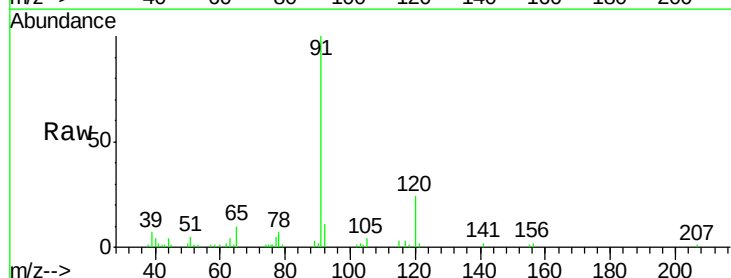
Acq: 28 Feb 2019 16:34

Tgt Ion: 91 Resp: 44671

Ion Ratio Lower Upper

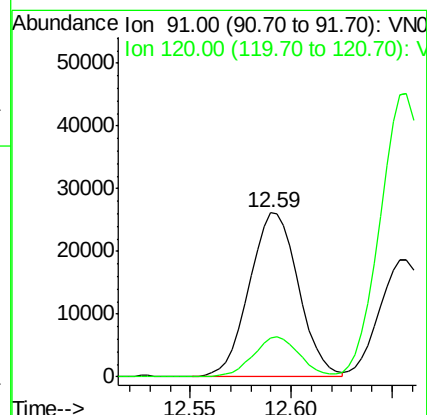
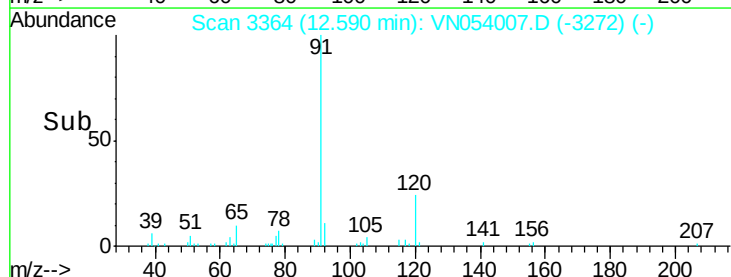
91 100

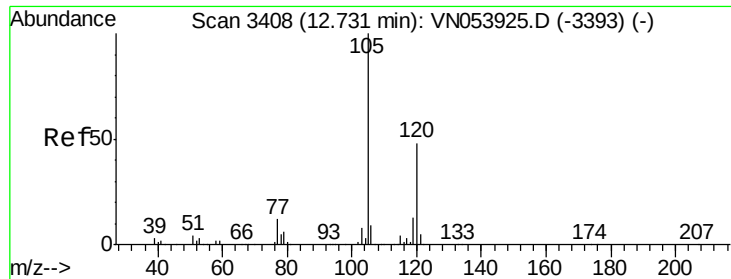
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

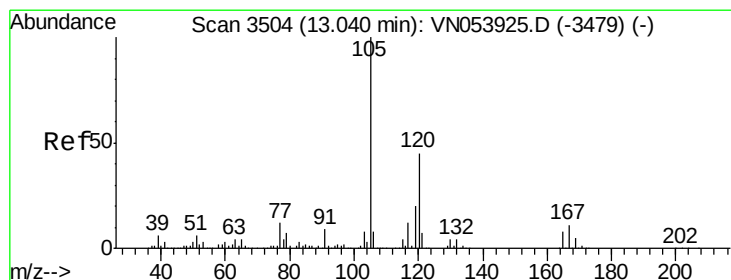
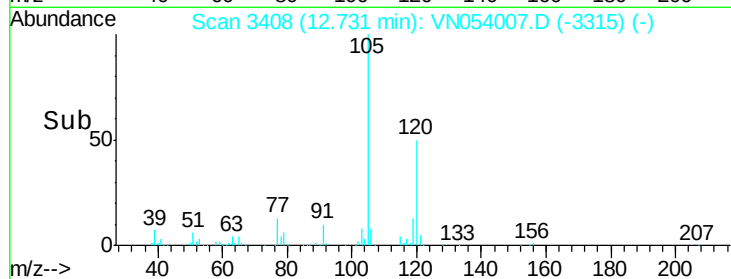
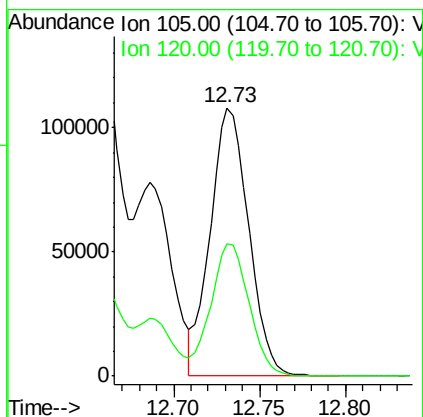
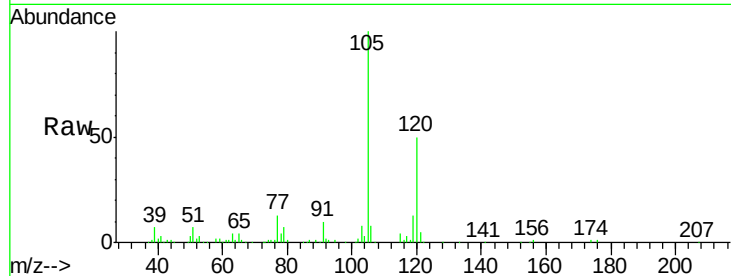




#80
 1,3,5-Trimethylbenzene
 Concen: 6.170 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

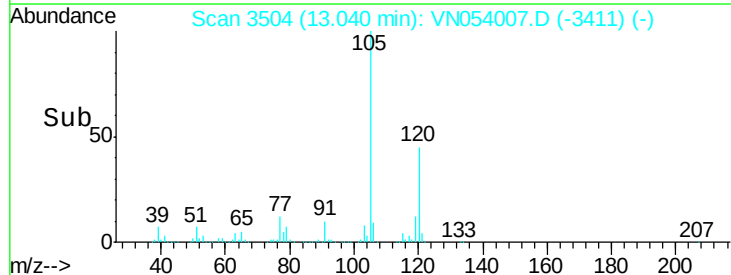
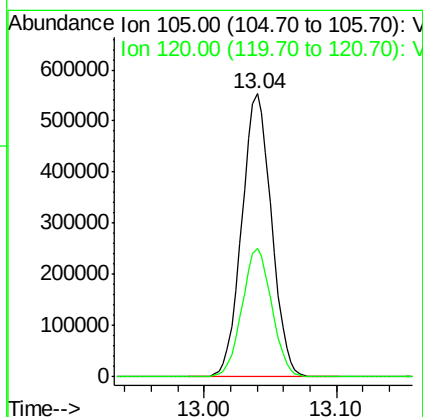
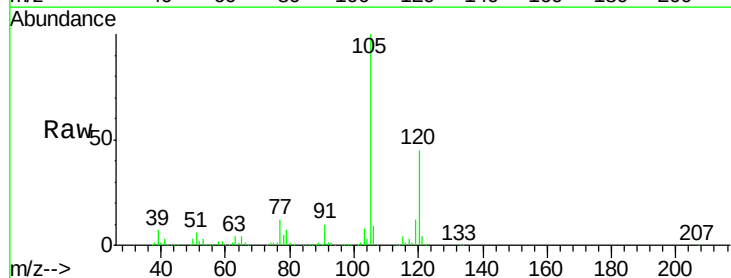
Instrument :
 MSVOA_N
 ClientSampled :
 BU-03-022719

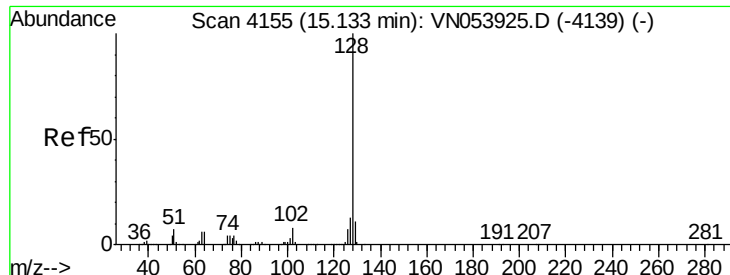
Tot Ion:105 Resp: 168826
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.2



#84
 1,2,4-Trimethylbenzene
 Concen: 31.487 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054007.D
 Acq: 28 Feb 2019 16:34

Tgt Ion:105 Resp: 860085
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5





#95

Naphthalene

Concen: 5.107 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054007.D

Acq: 28 Feb 2019 16:34

Instrument :

MSVOA_N

ClientSampleId :

BU-03-022719

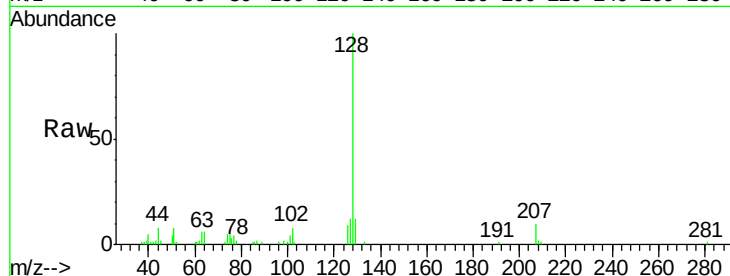
Tot Ion:128 Resp: 34435

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 12.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

