

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055869.D
 Acq On : 29 May 2019 11:38
 Operator : JC/SP
 Sample : K3065-07DL 20X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0DL

Quant Time: May 30 08:18:21 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	398516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	574630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229886	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	190811	46.36	ug/l	0.00
Spiked Amount						
			Recovery	=	92.72%	
35) Dibromofluoromethane	7.59	113	169616	46.69	ug/l	0.00
Spiked Amount						
			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	693558	49.77	ug/l	0.00
Spiked Amount						
			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	240432	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	

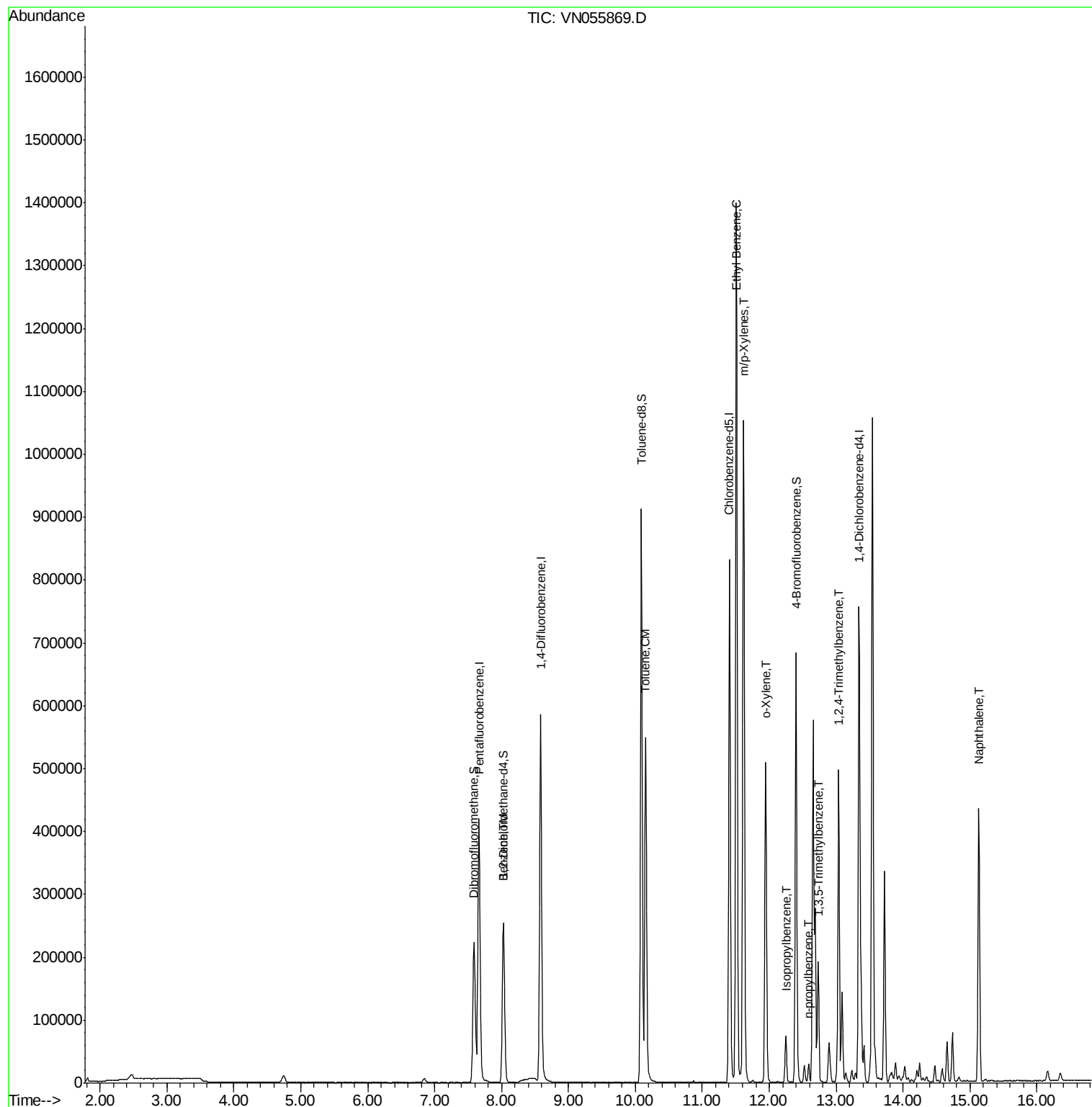
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.04	78	44258	2.933	ug/l	97
52) Toluene	10.15	92	257921	27.173	ug/l	100
67) Ethyl Benzene	11.51	91	1068874	55.689	ug/l	98
68) m/p-Xylenes	11.62	106	361939	49.881	ug/l	100
69) o-Xylene	11.95	106	150508	20.907	ug/l	99
73) Isopropylbenzene	12.25	105	52262	0.559	ug/l	99
78) n-propylbenzene	12.59	91	24319	1.217	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	107824	5.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	293898	19.981	ug/l	99
95) Naphthalene	15.13	128	396064	37.244	ug/l	100

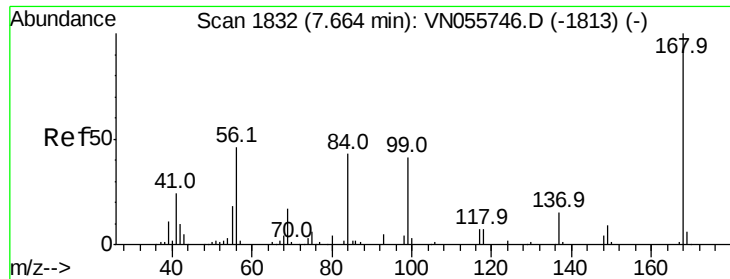
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
B-14-11.5-12.0DL

Quant Time: May 30 08:18:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
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: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

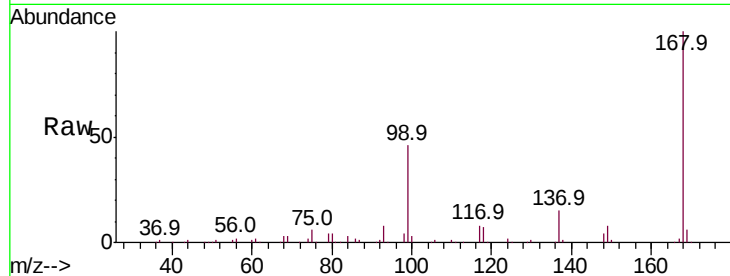
B-14-11.5-12.0DL

Tot Ion:168 Resp: 398516

Ion Ratio Lower Upper

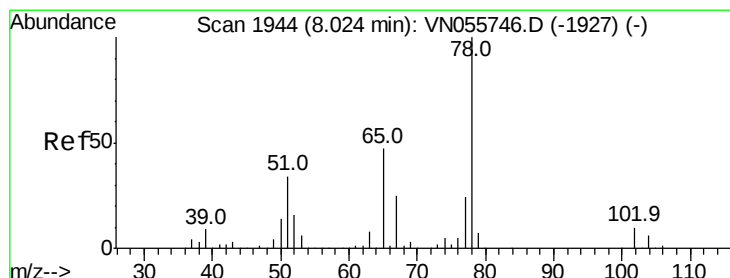
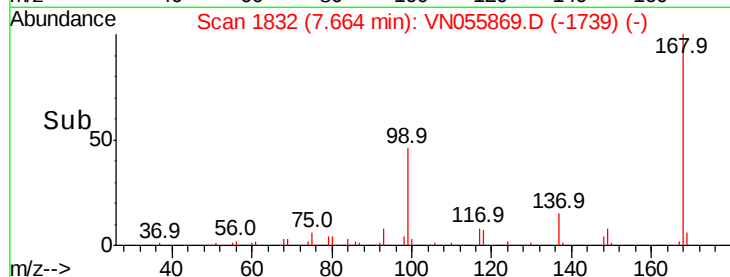
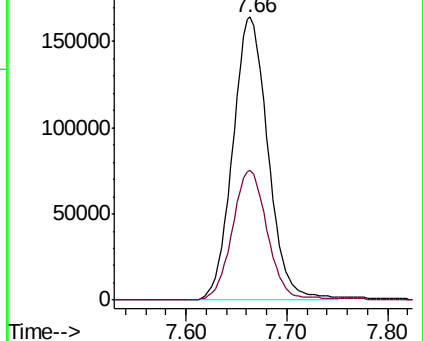
168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 46.363 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055869.D

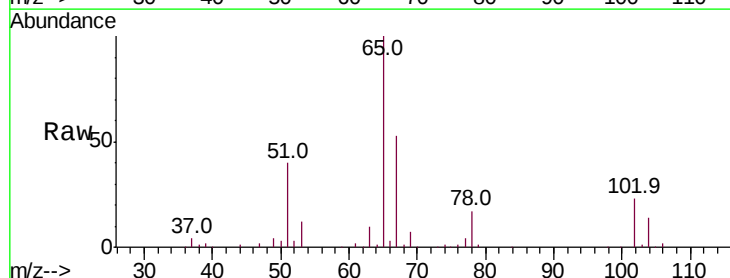
Acq: 29 May 2019 11:38

Tgt Ion: 65 Resp: 190811

Ion Ratio Lower Upper

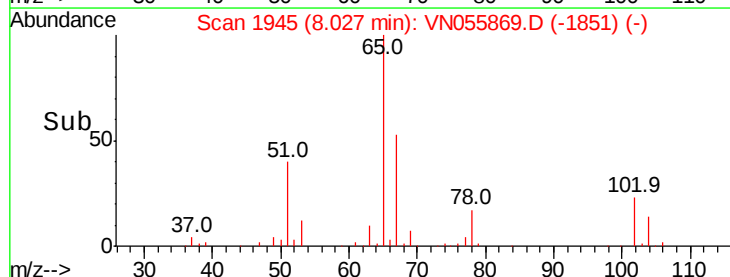
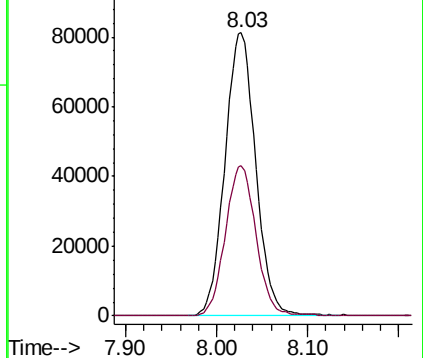
65 100

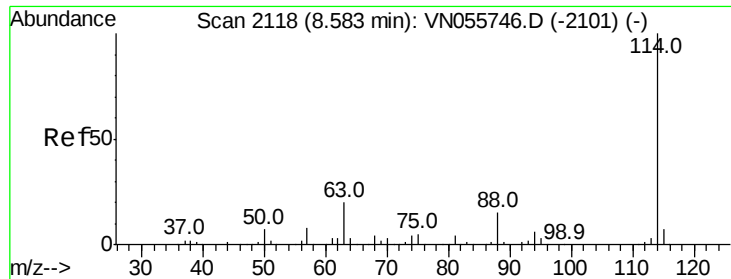
67 53.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

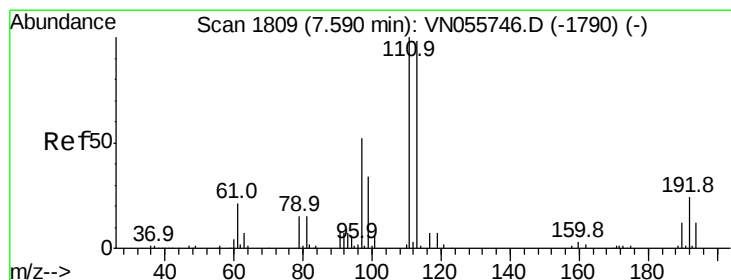
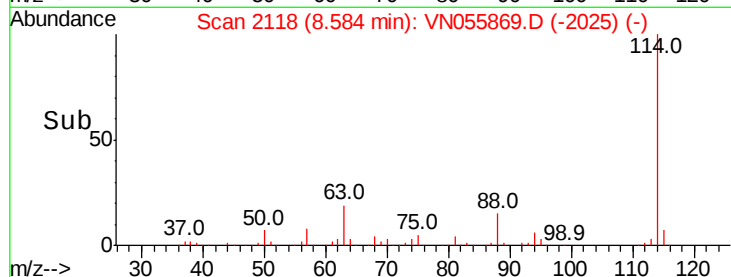
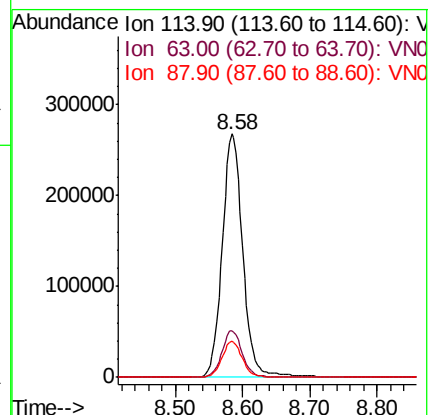
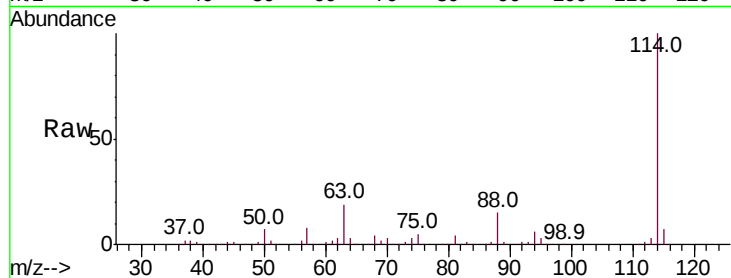




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

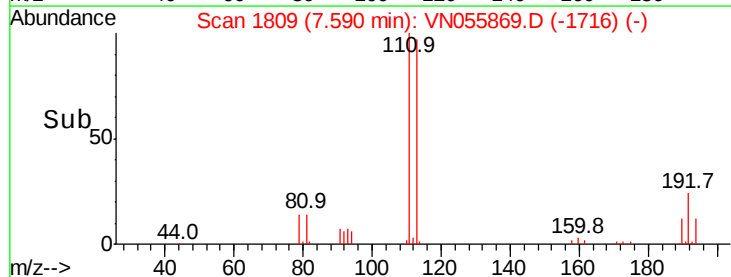
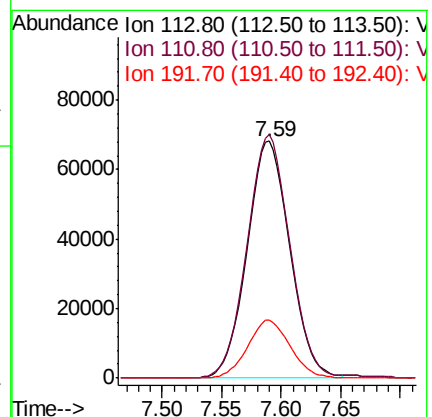
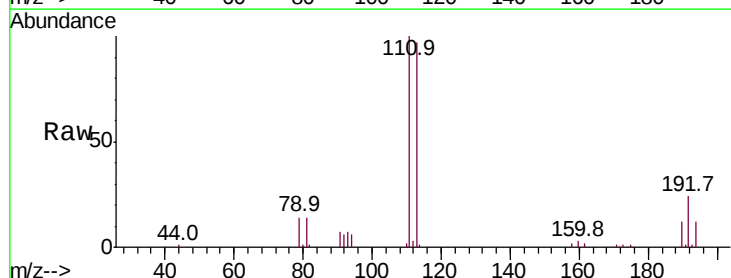
Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0DL

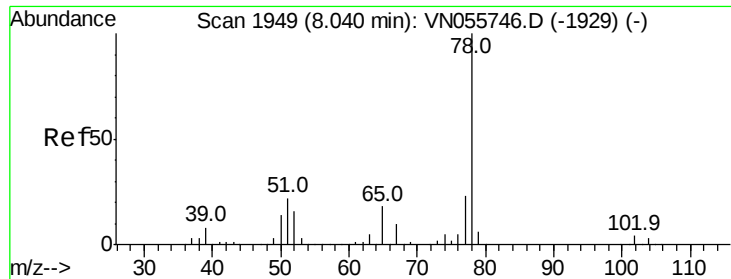
Tot Ion:114 Resp: 574630
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 14.7 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 46.688 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

Tgt Ion:113 Resp: 169616
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 24.3 19.5 29.3





#40

Benzene

Concen: 2.933 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

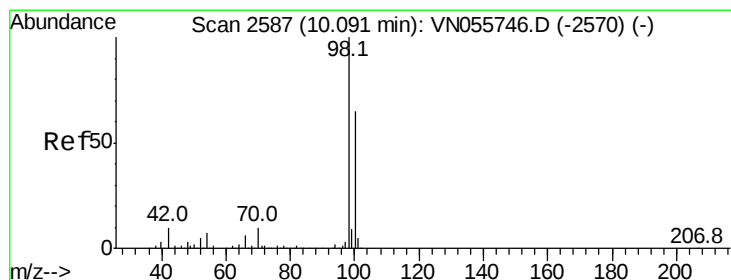
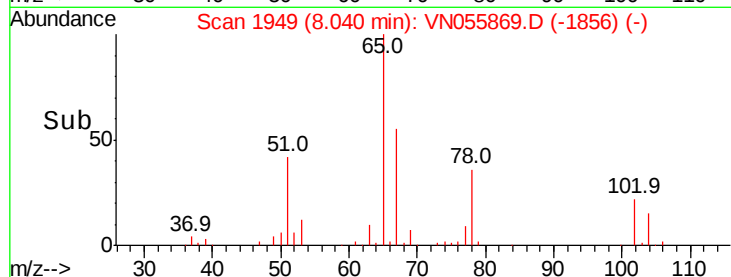
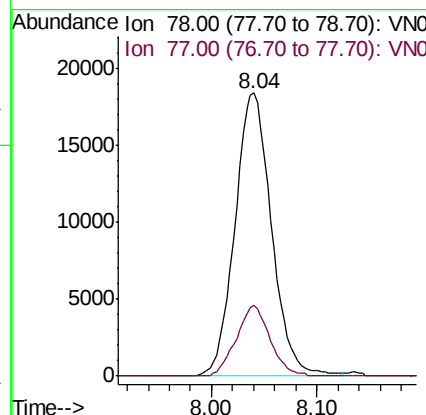
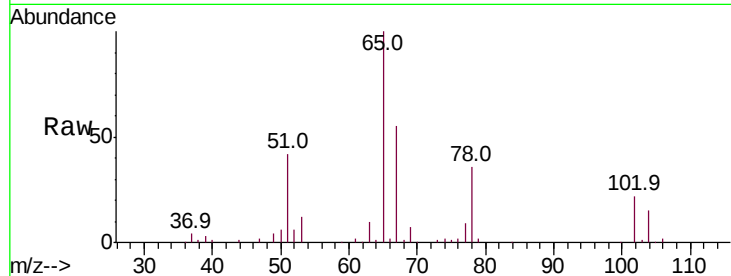
B-14-11.5-12.0DL

Tot Ion: 78 Resp: 44258

Ion Ratio Lower Upper

78 100

77 25.0 18.8 28.2



#50

Toluene-d8

Concen: 49.768 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055869.D

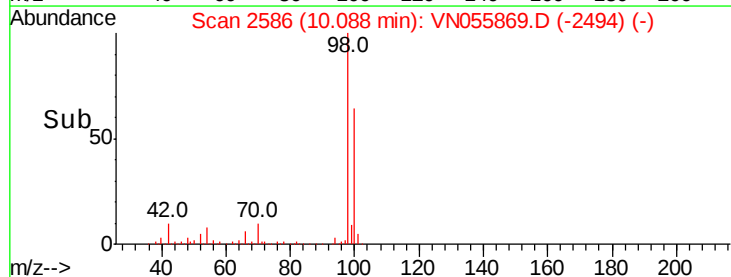
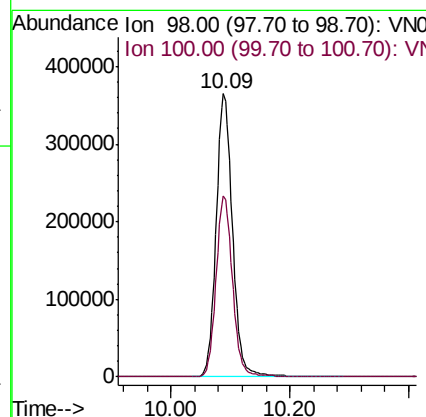
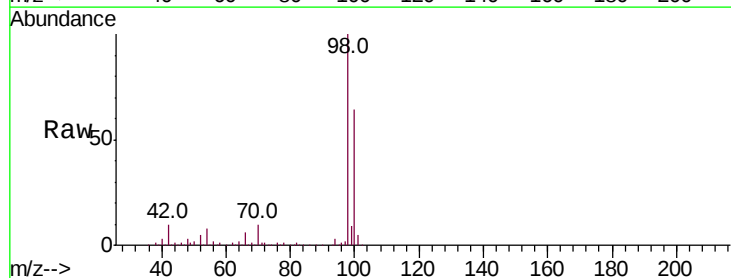
Acq: 29 May 2019 11:38

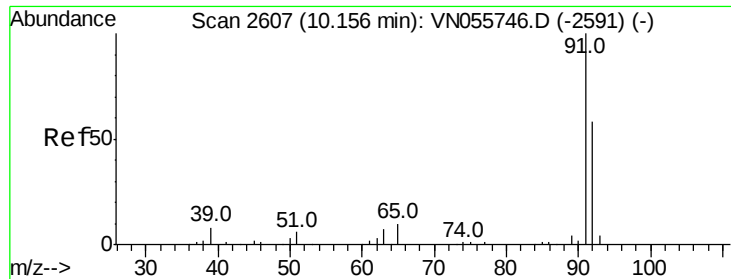
Tgt Ion: 98 Resp: 693558

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9





#52

Toluene

Concen: 27.173 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

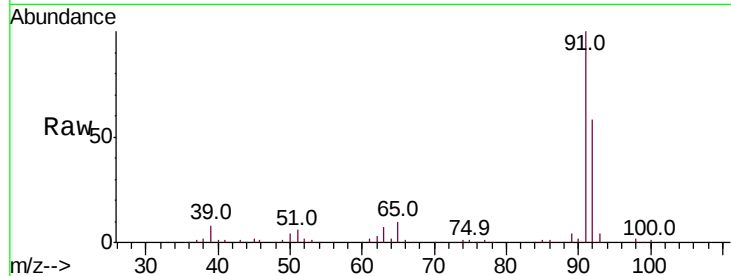
B-14-11.5-12.0DL

Tot Ion: 92 Resp: 257921

Ion Ratio Lower Upper

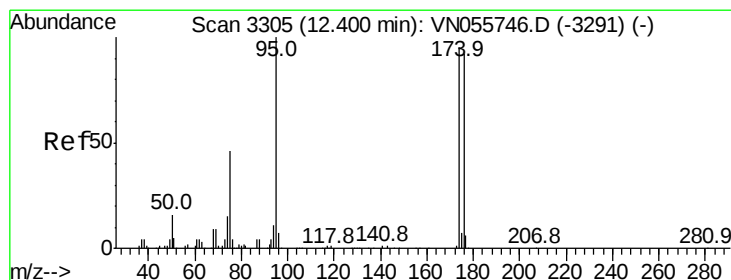
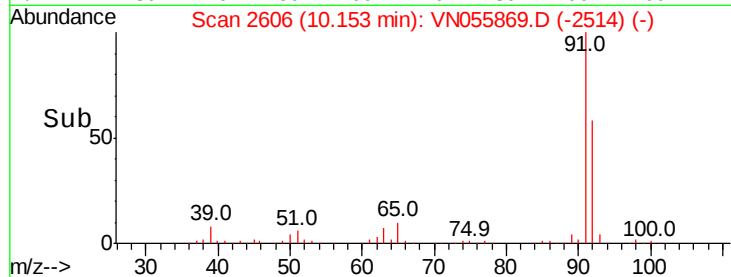
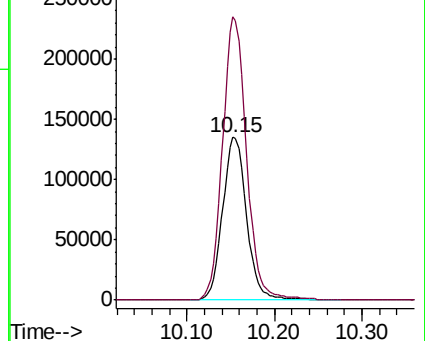
92 100

91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.316 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

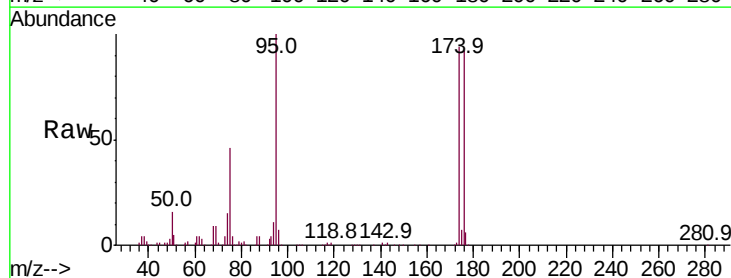
Tgt Ion: 95 Resp: 240432

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.0

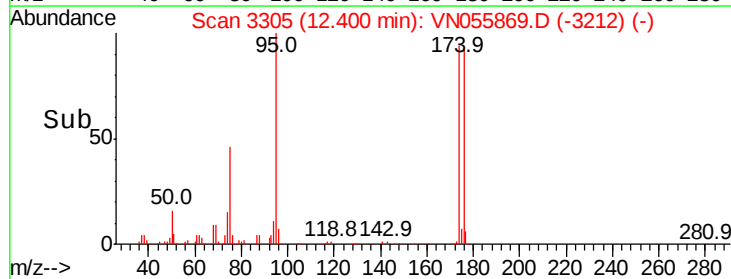
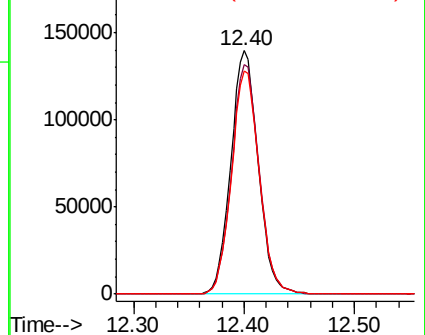
176 92.9 0.0 185.2

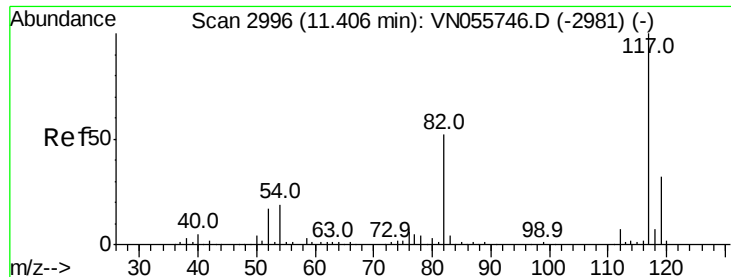


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

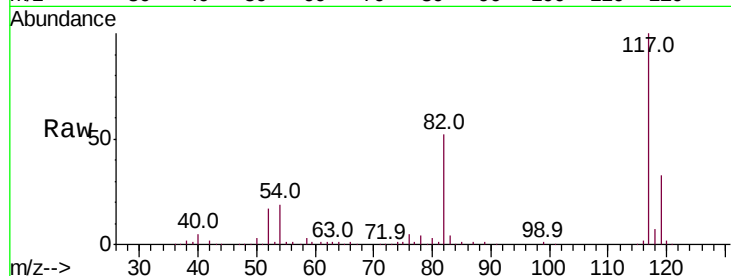




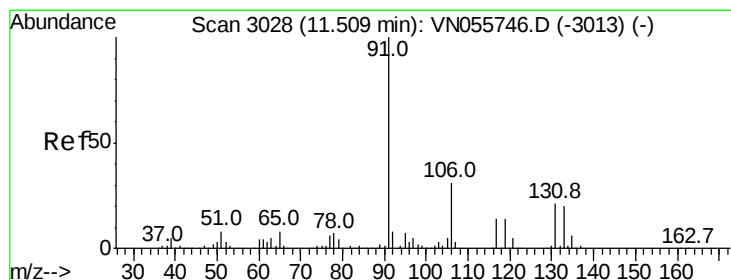
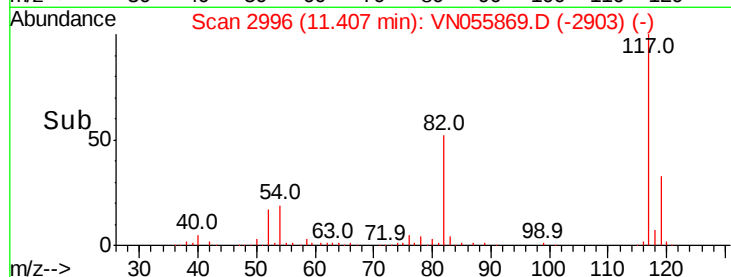
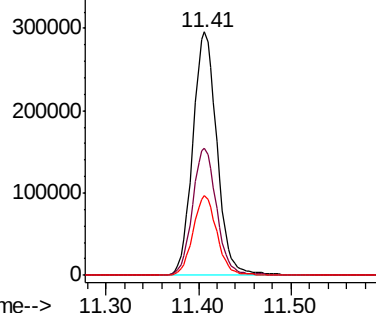
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0DL

Tot Ion:117 Resp: 534646
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.6 25.4 38.0

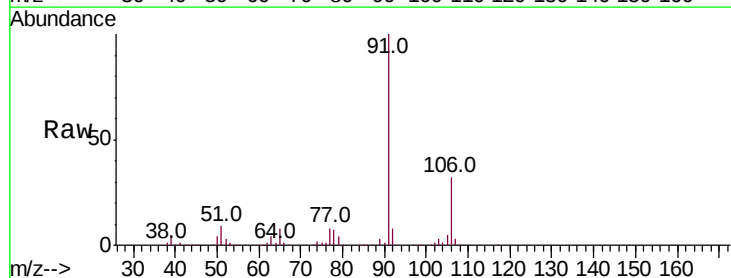


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

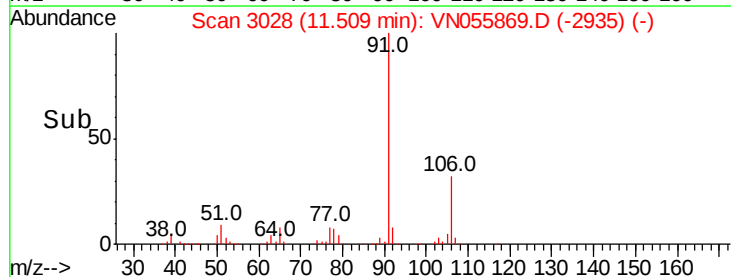
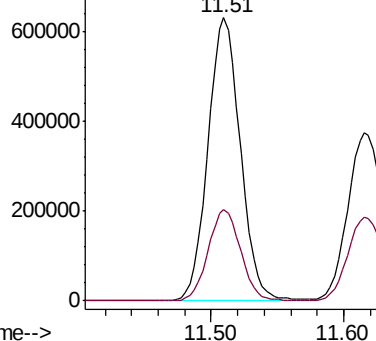


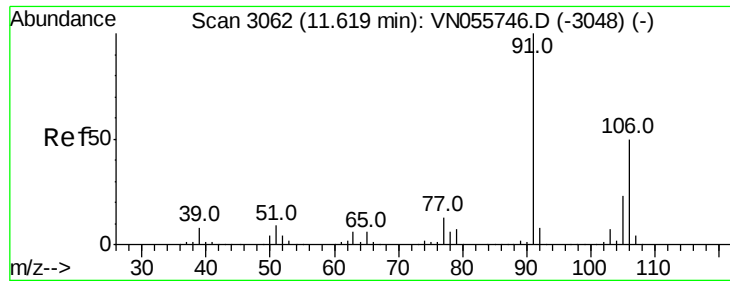
#67
Ethyl Benzene
Concen: 55.689 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion: 91 Resp: 1068874
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



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

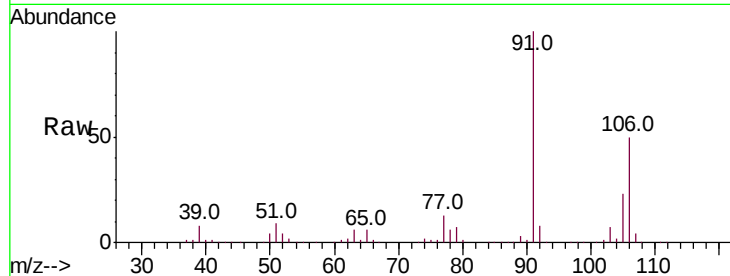




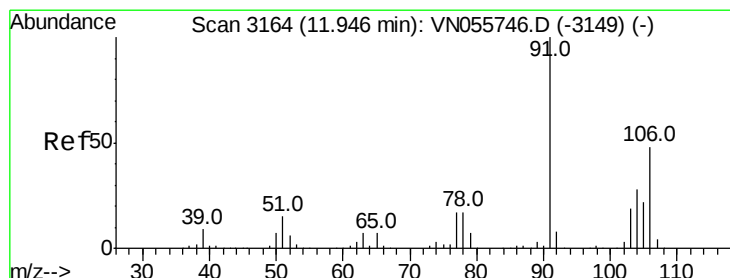
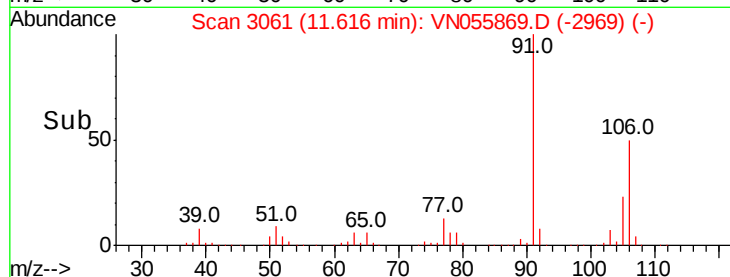
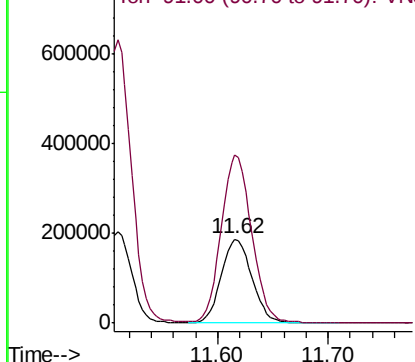
#68
m/p-Xylenes
Concen: 49.881 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
B-14-11.5-12.0DL

Tot Ion:106 Resp: 361939
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9

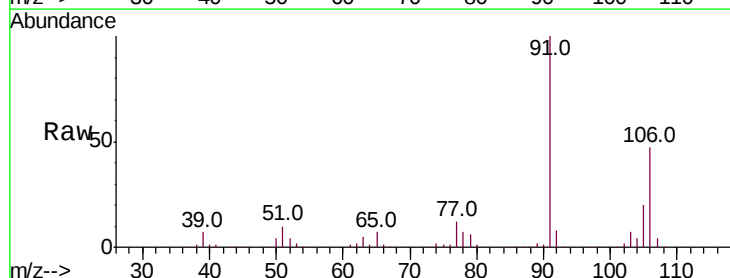


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

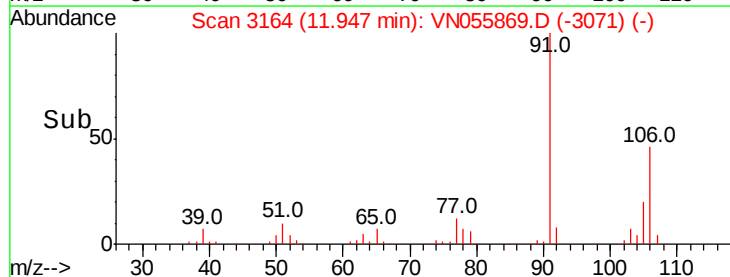
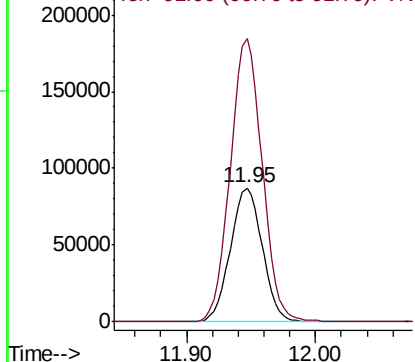


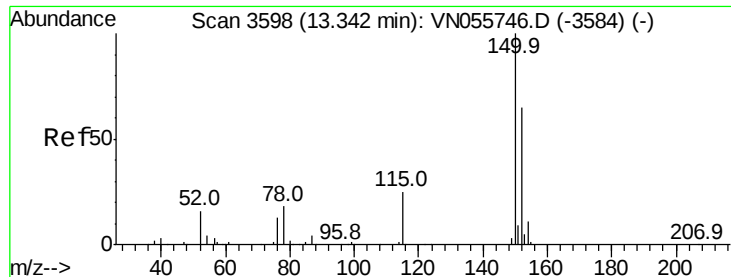
#69
o-Xylene
Concen: 20.907 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055869.D
Acq: 29 May 2019 11:38

Tgt Ion:106 Resp: 150508
Ion Ratio Lower Upper
106 100
91 211.1 104.7 314.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

B-14-11.5-12.0DL

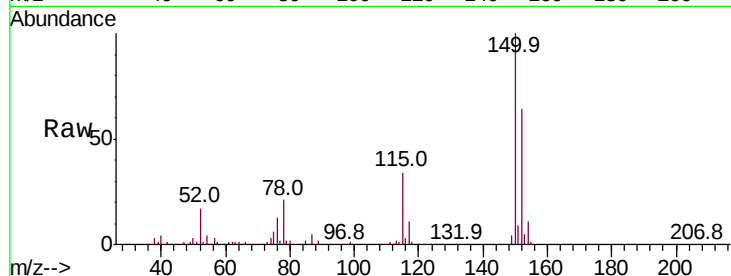
Tot Ion:152 Resp: 229886

Ion Ratio Lower Upper

152 100

115 53.0 27.0 81.0

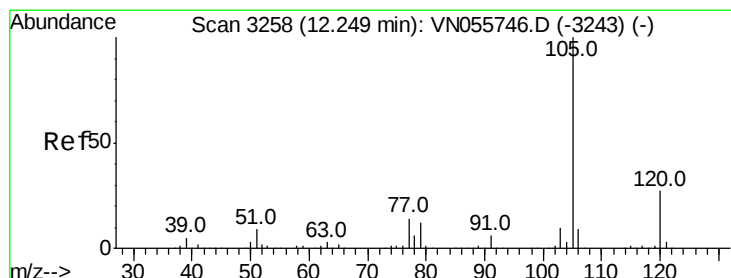
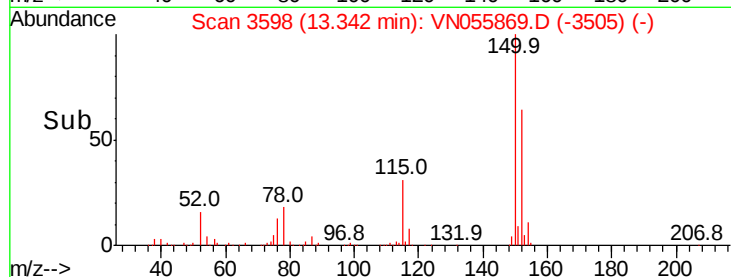
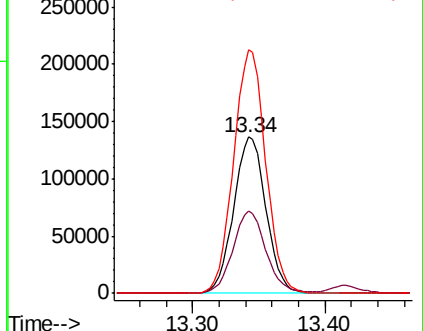
150 155.1 0.0 343.2



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



#73

Isopropylbenzene

Concen: 0.559 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055869.D

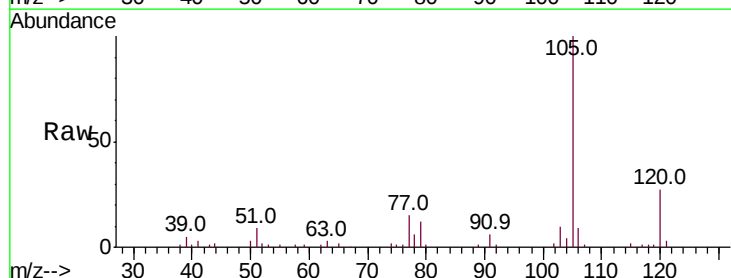
Acq: 29 May 2019 11:38

Tgt Ion:105 Resp: 52262

Ion Ratio Lower Upper

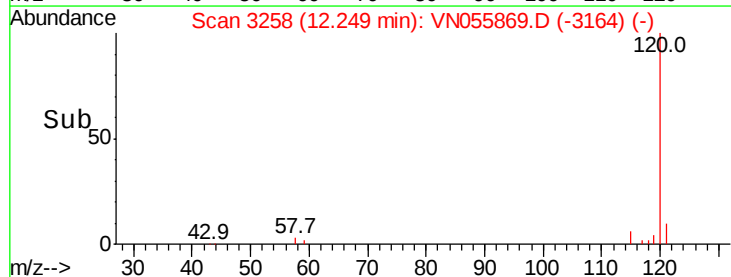
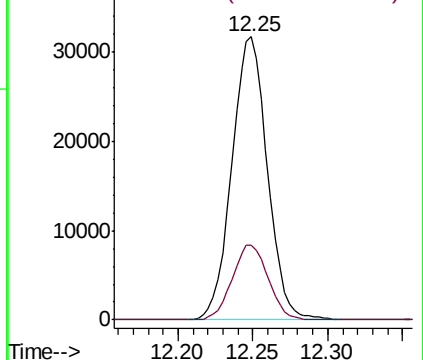
105 100

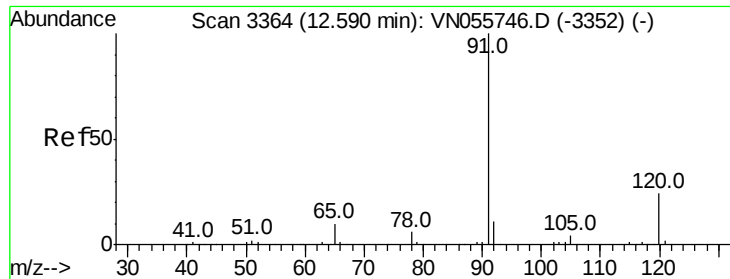
120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.217 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055869.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

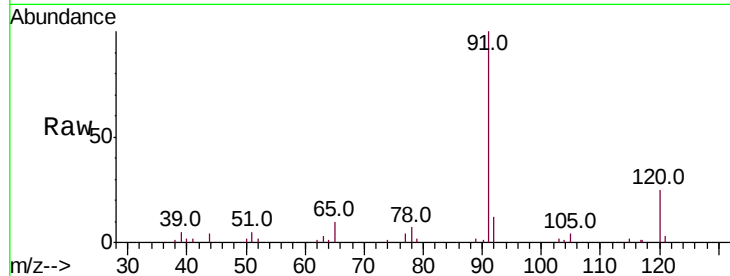
B-14-11.5-12.0DL

Tot Ion: 91 Resp: 24319

Ion Ratio Lower Upper

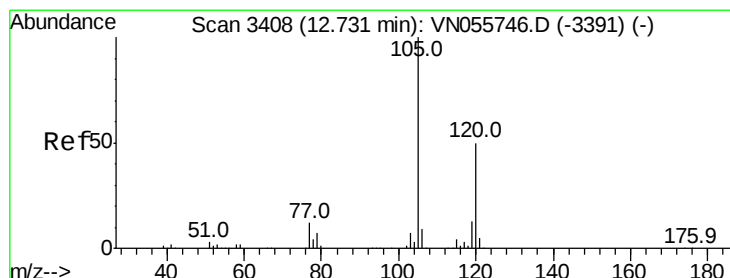
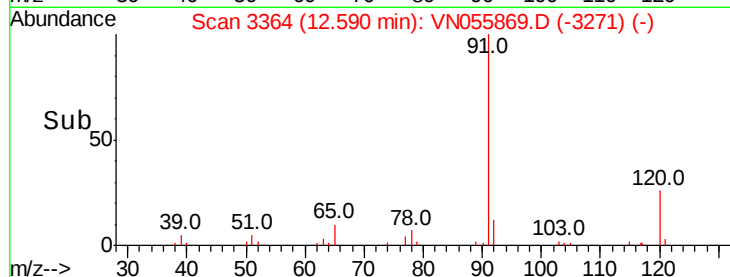
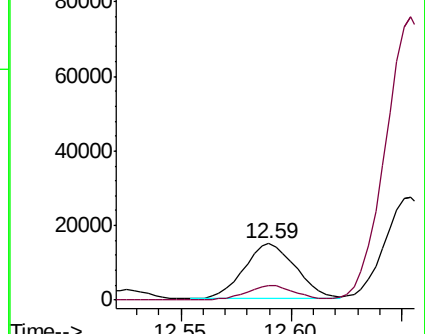
91 100

120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 5.558 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055869.D

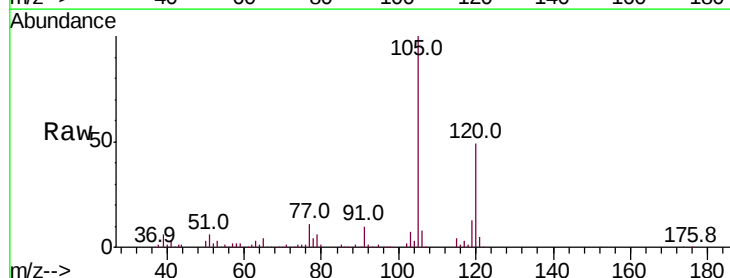
Acq: 29 May 2019 11:38

Tgt Ion:105 Resp: 107824

Ion Ratio Lower Upper

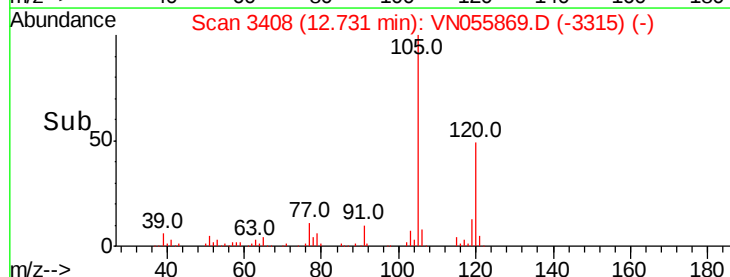
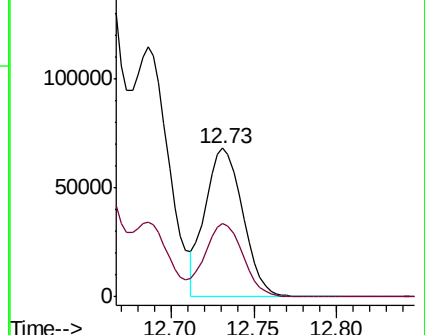
105 100

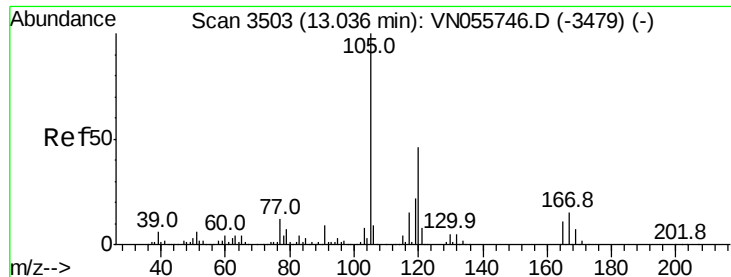
120 50.8 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

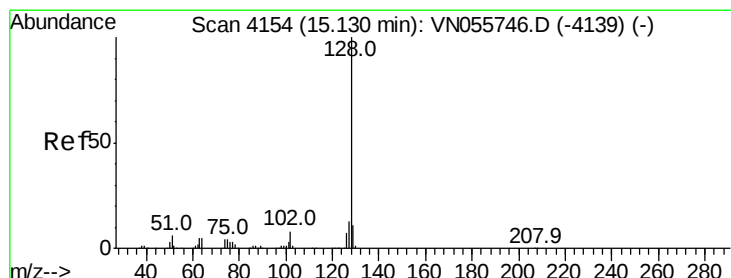
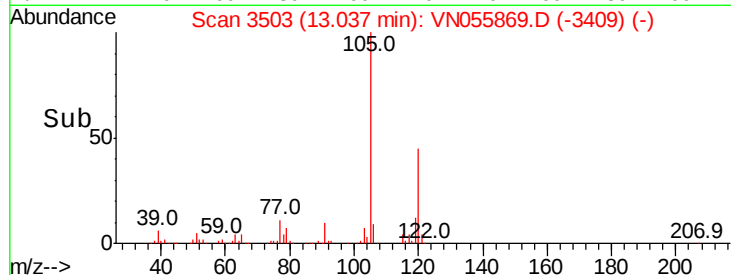
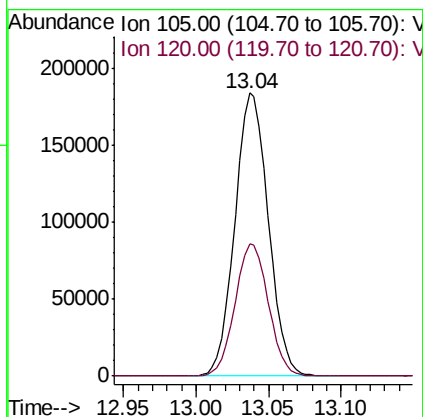
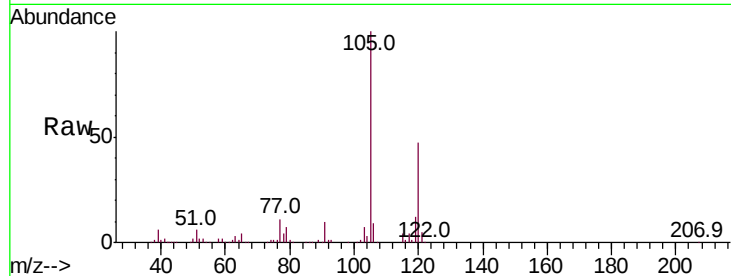




#84
 1,2,4-Trimethylbenzene
 Concen: 19.981 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 B-14-11.5-12.0DL

Tot Ion:105 Resp: 293898
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0



#95
 Naphthalene
 Concen: 37.244 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055869.D
 Acq: 29 May 2019 11:38

Tgt Ion:128 Resp: 396064
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.9 8.7 13.1

