

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050114.D
 Acq On : 27 Jul 2018 5:19
 Operator : MD\SY
 Sample : J4184-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

Quant Time: Jul 27 08:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	825804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1297561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1153156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	555504	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	528575	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	
35) Dibromofluoromethane	7.59	113	477023	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	
50) Toluene-d8	10.09	98	1790794	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
62) 4-Bromofluorobenzene	12.40	95	599446	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	

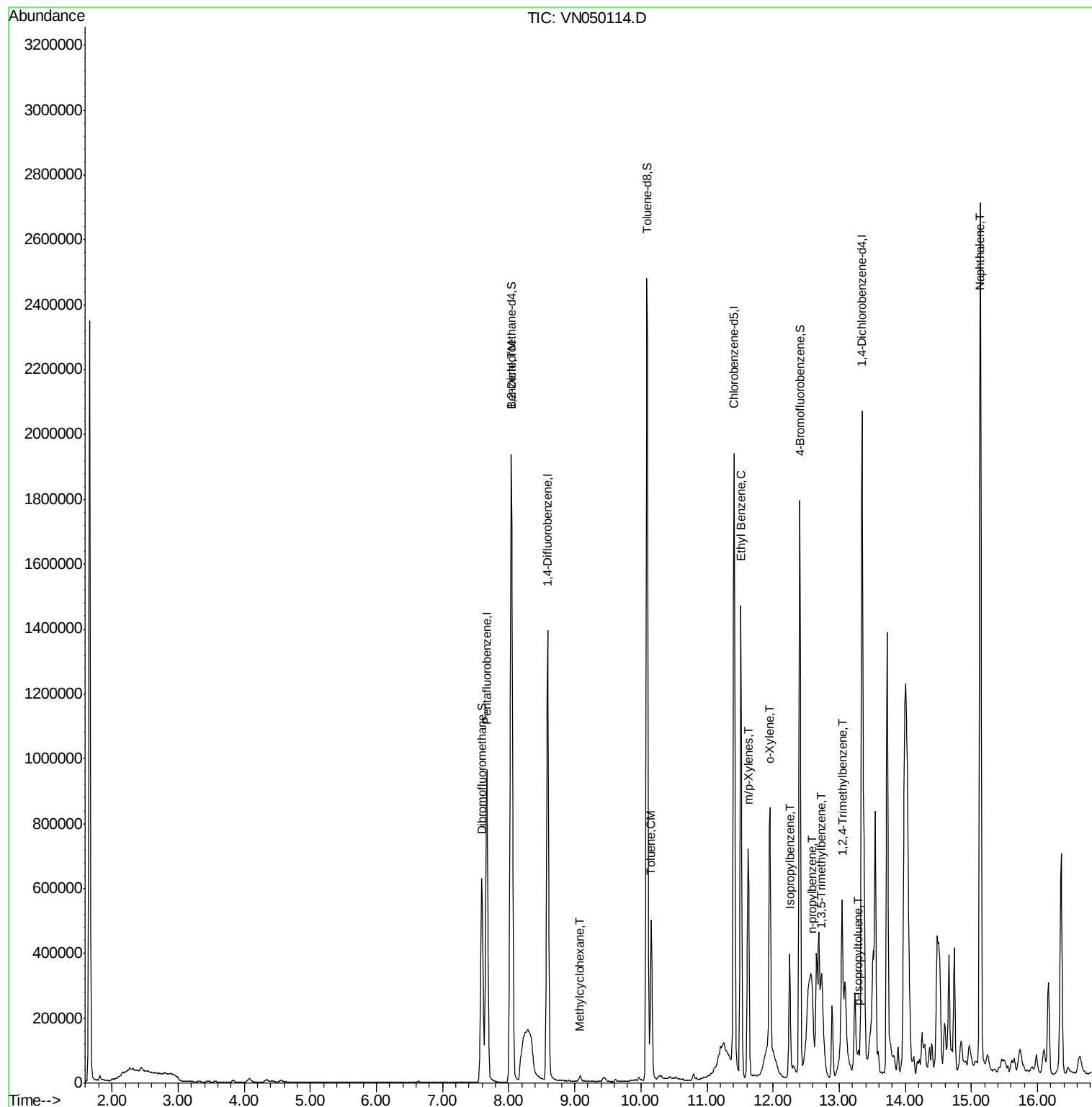
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.09	83	7922	0.53	ug/l	# 89
40) Benzene	8.05	78	1656787	37.24	ug/l	99
52) Toluene	10.16	92	213631	8.14	ug/l	98
67) Ethyl Benzene	11.51	91	1080550	23.09	ug/l	100
68) m/p-Xylenes	11.63	106	240406	13.58	ug/l	99
69) o-Xylene	11.95	106	205874	12.20	ug/l	99
73) Isopropylbenzene	12.25	105	252232	5.85	ug/l	99
78) n-propylbenzene	12.59	91	57010	1.18	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	46095	1.36	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	230269	6.74	ug/l	100
86) p-Isopropyltoluene	13.29	119	18723	0.56	ug/l	96
95) Naphthalene	15.13	128	2357944	89.15	ug/l	100

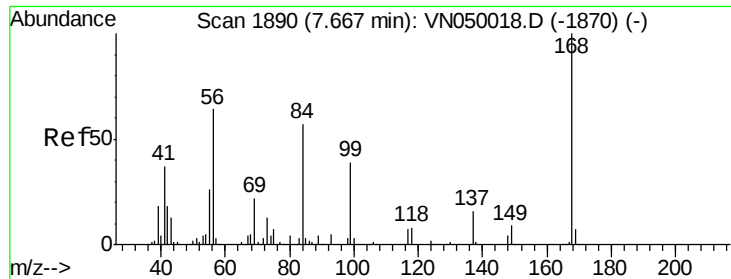
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050114.D
Acq On : 27 Jul 2018 5:19
Operator : MD\SY
Sample : J4184-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

Quant Time: Jul 27 08:19:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

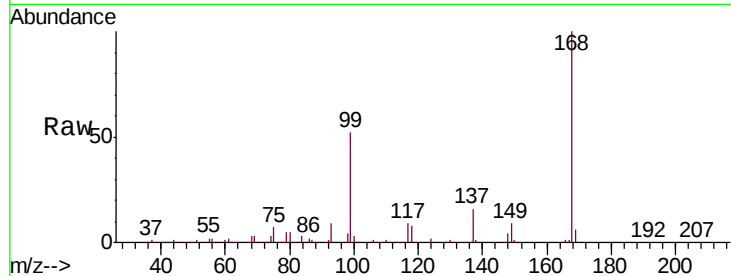




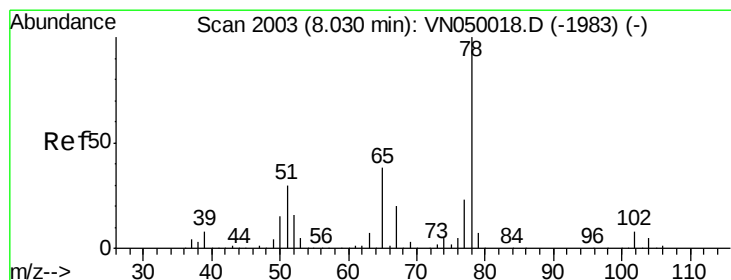
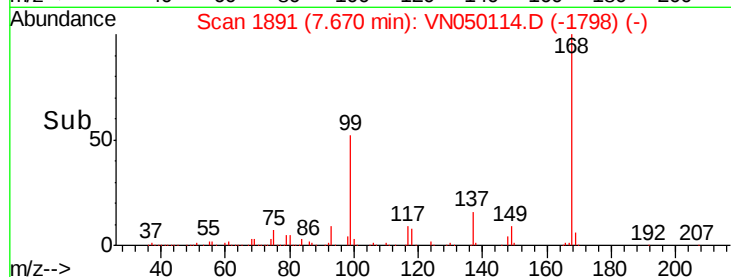
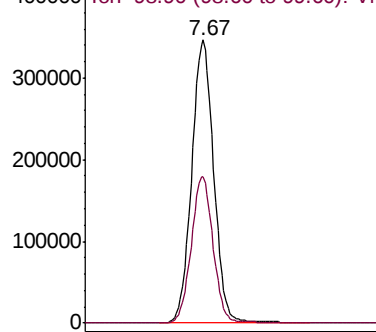
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Instrument :
MSVOA_N
ClientSampled :
MW-7BS

Tot Ion:168 Resp: 825804
Ion Ratio Lower Upper
168 100
99 51.7 40.0 60.0

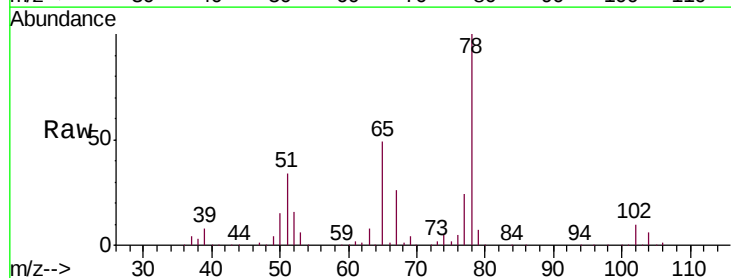


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

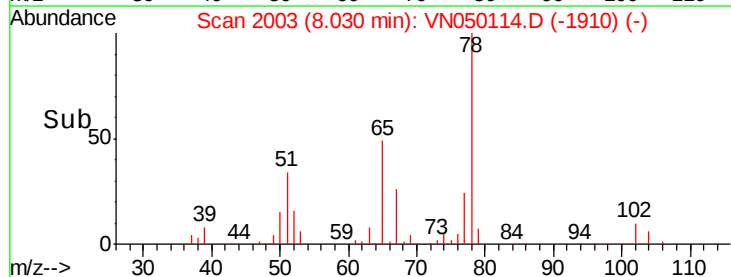
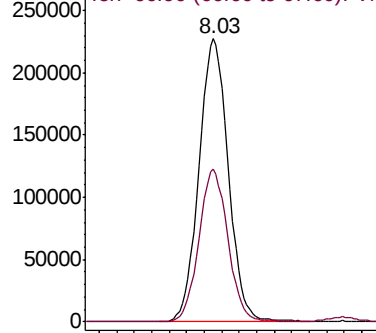


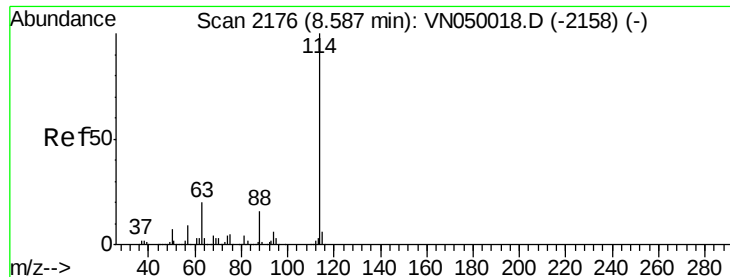
#33
1,2-Dichloroethane-d4
Concen: 45.88 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Tgt Ion: 65 Resp: 528575
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

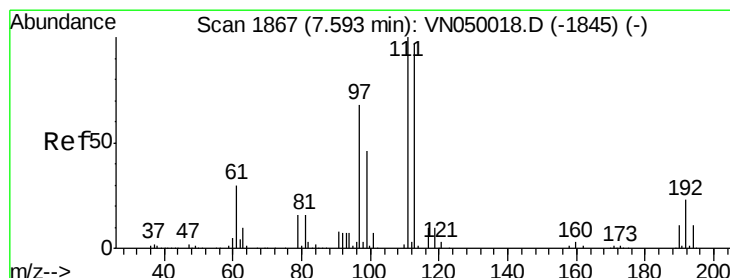
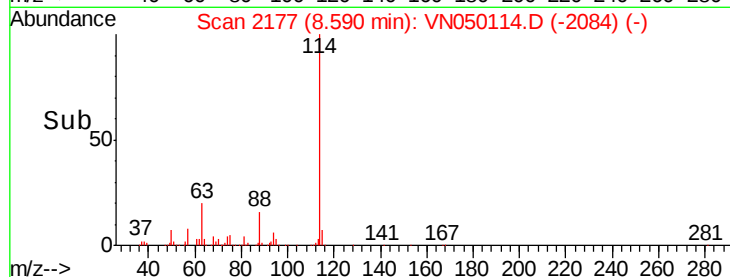
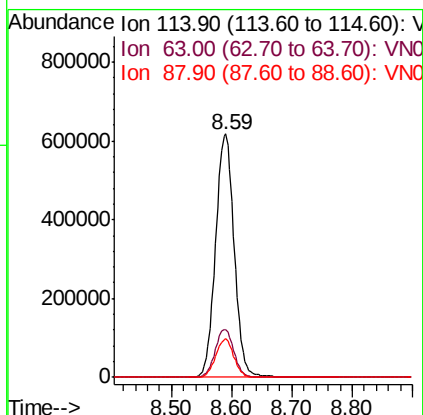
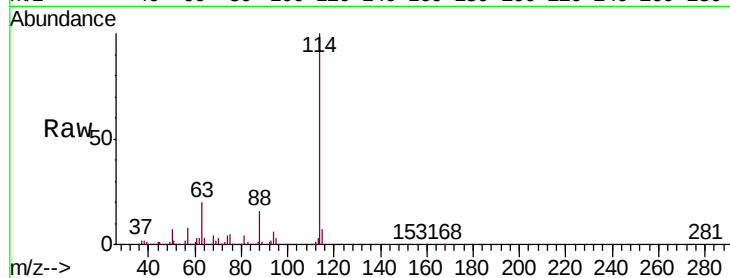




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050114.D
 Acq: 27 Jul 2018 5:19

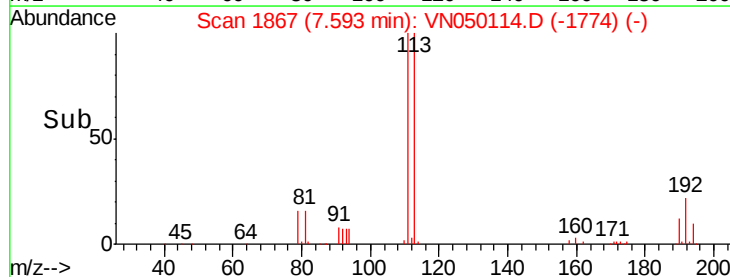
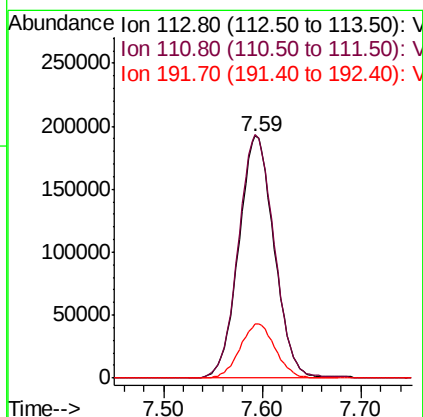
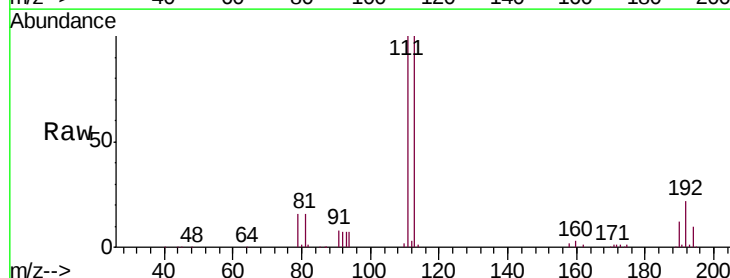
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

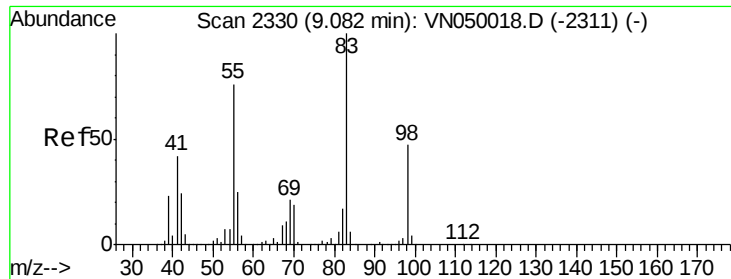
Tot Ion:114 Resp: 1297561
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.7 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 45.03 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050114.D
 Acq: 27 Jul 2018 5:19

Tgt Ion:113 Resp: 477023
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 22.3 17.8 26.6

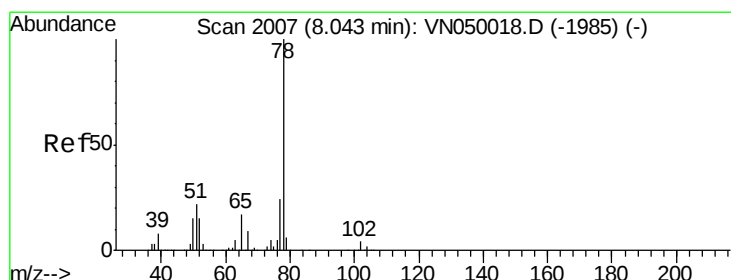
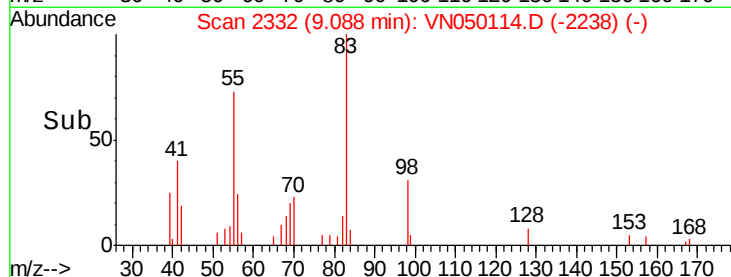
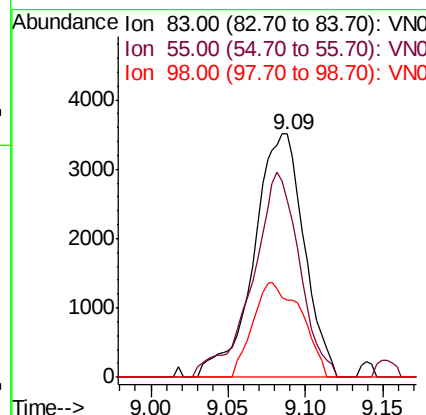
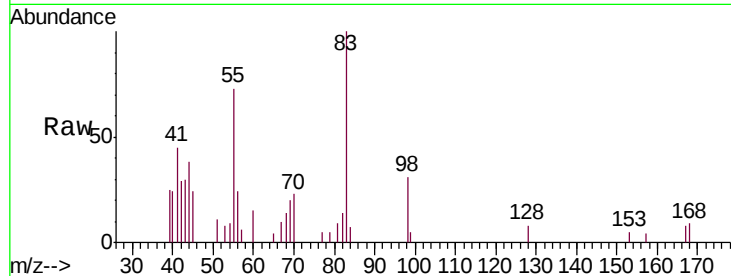




#39
Methvlcvclohexane
Concen: 0.53 ug/l
RT: 9.09 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

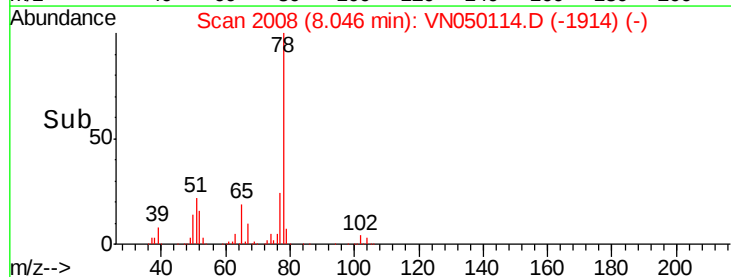
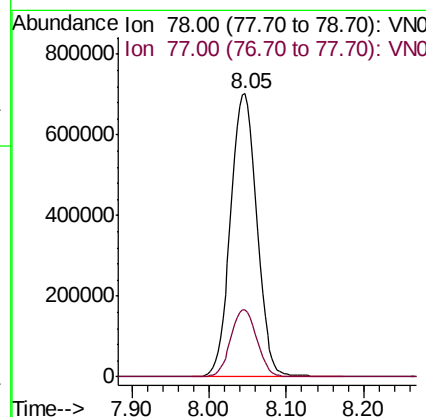
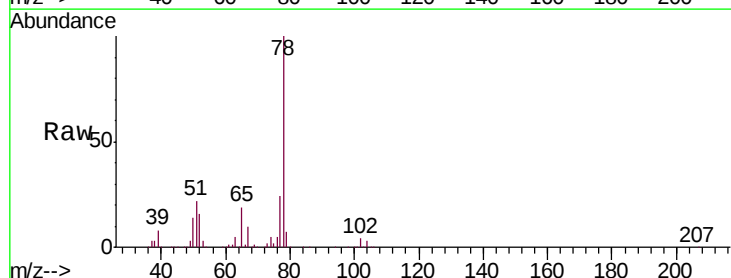
Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

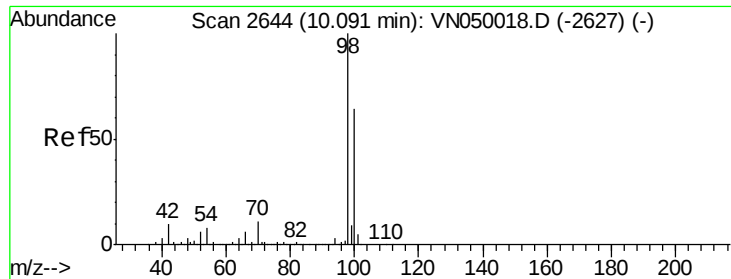
Tot Ion: 83 Resp: 7922
Ion Ratio Lower Upper
83 100
55 72.7 61.8 92.8
98 31.5 36.5 54.7#



#40
Benzene
Concen: 37.24 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Tgt Ion: 78 Resp: 1656787
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





#50

Toluene-d8

Concen: 45.98 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050114.D

Acq: 27 Jul 2018 5:19

Instrument :

MSVOA_N

ClientSampleId :

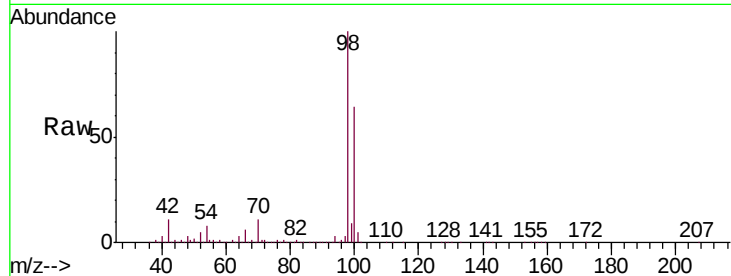
MW-7BS

Tot Ion: 98 Resp: 1790794

Ion Ratio Lower Upper

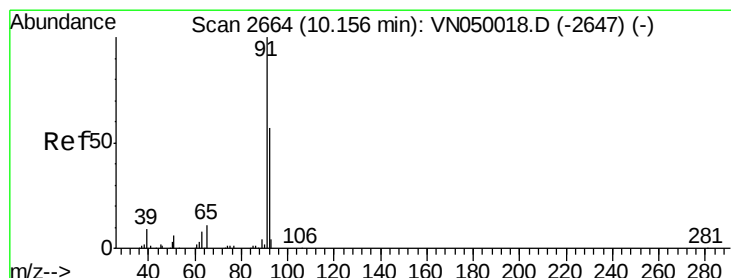
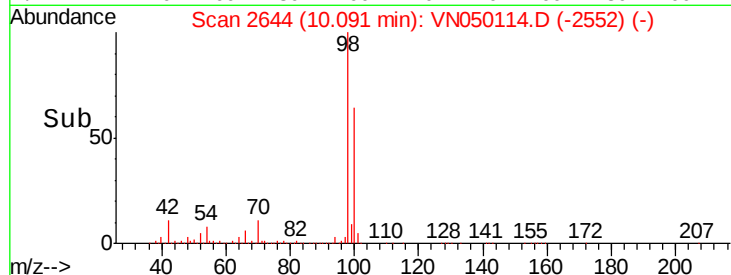
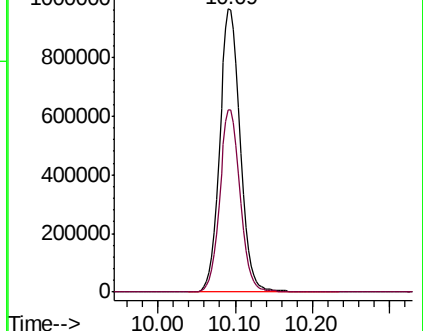
98 100

100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 8.14 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050114.D

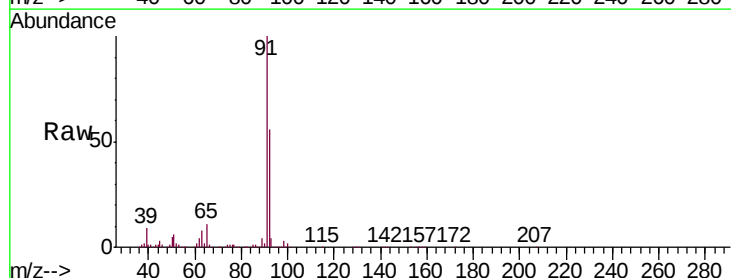
Acq: 27 Jul 2018 5:19

Tgt Ion: 92 Resp: 213631

Ion Ratio Lower Upper

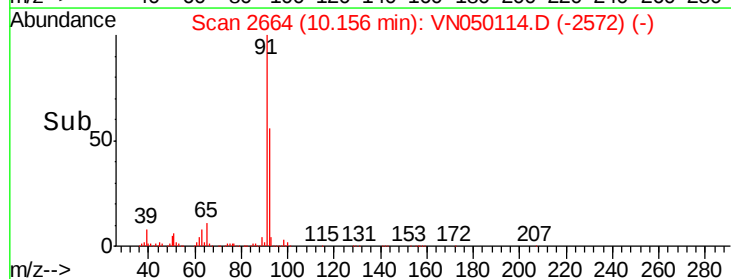
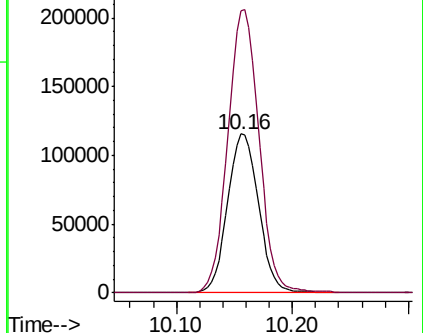
92 100

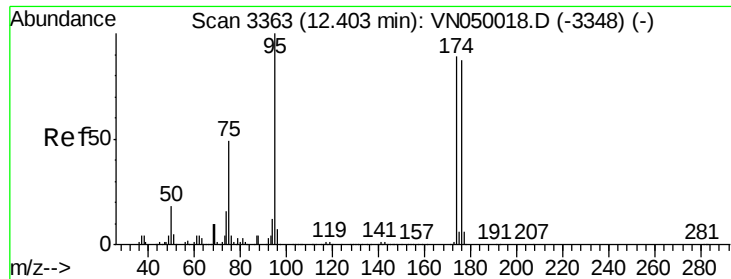
91 178.4 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

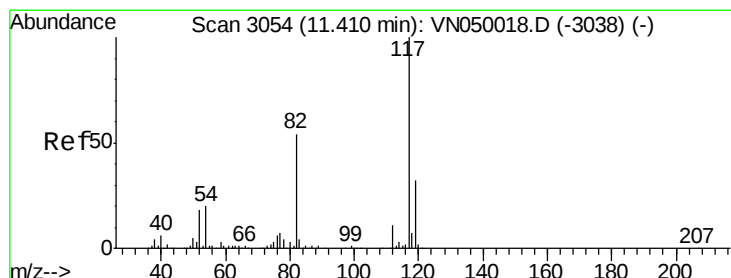
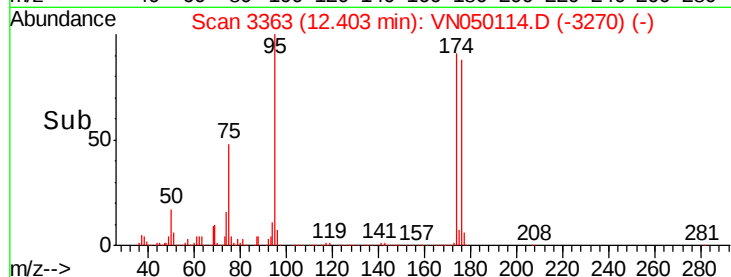
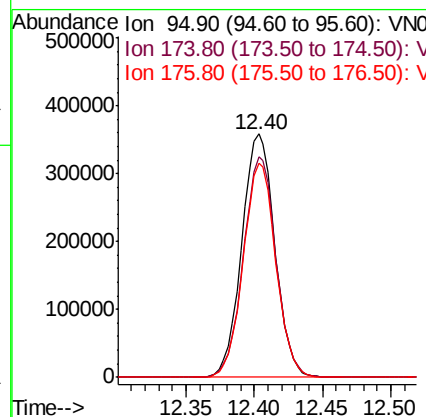
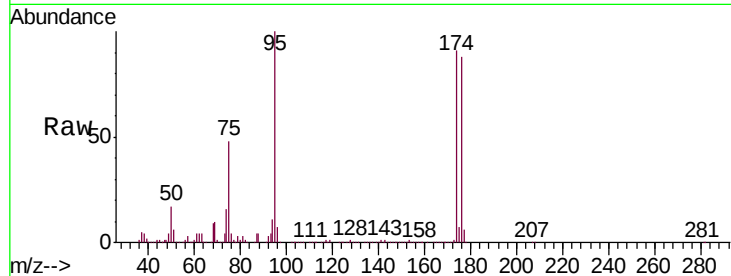




#62
4-Bromofluorobenzene
Concen: 46.74 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

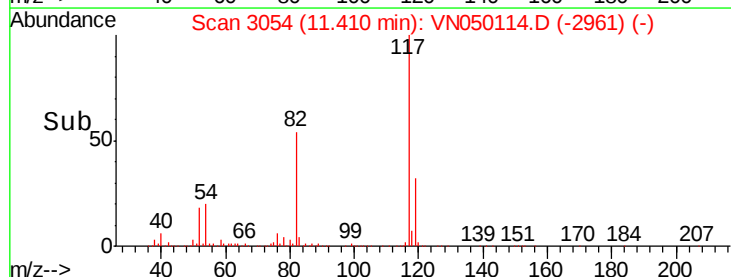
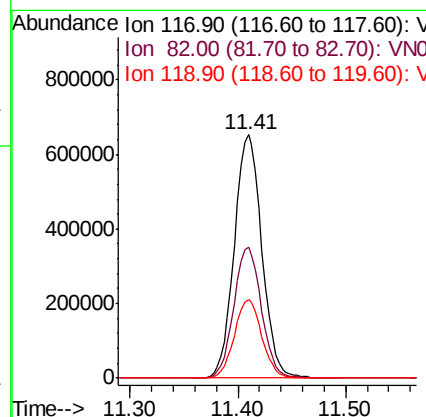
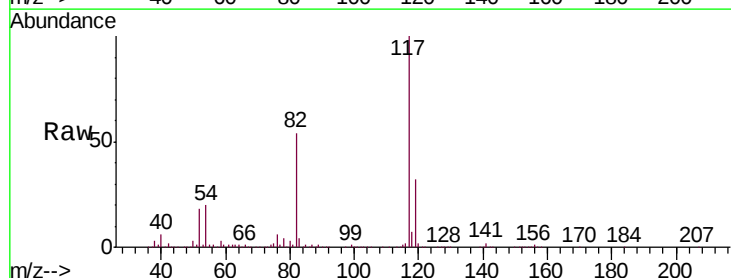
Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

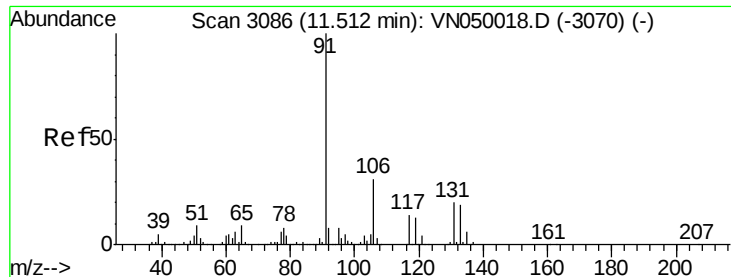
Tot Ion: 95 Resp: 599446
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Tgt Ion: 117 Resp: 1153156
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.2 26.1 39.1

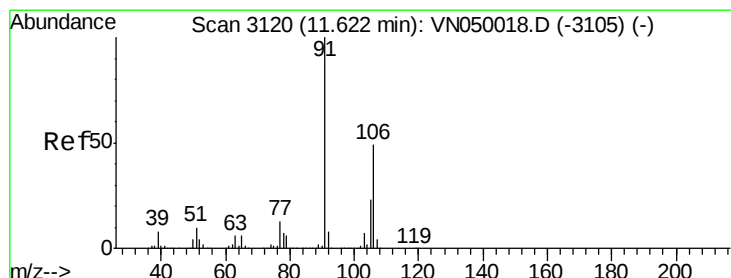
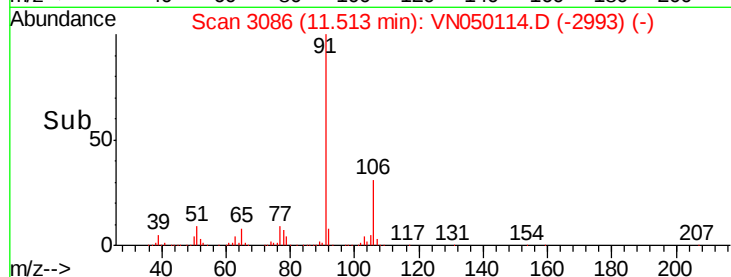
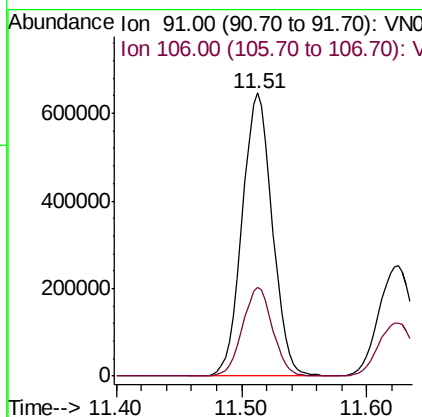
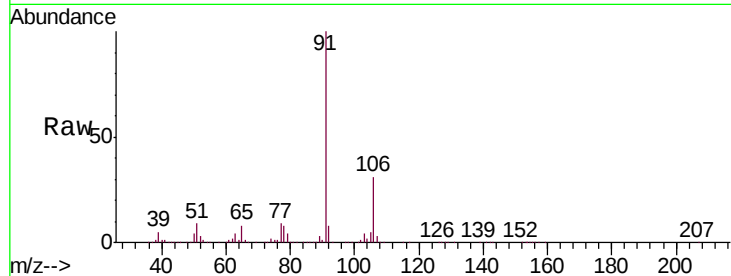




#67
Ethyl Benzene
Concen: 23.09 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

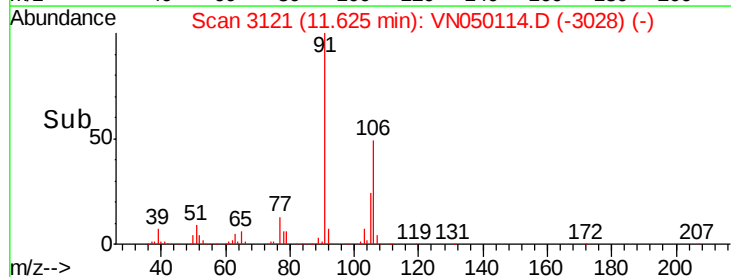
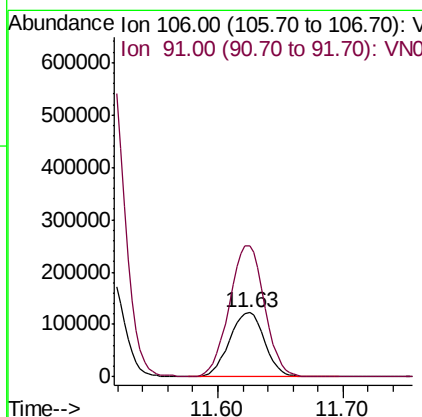
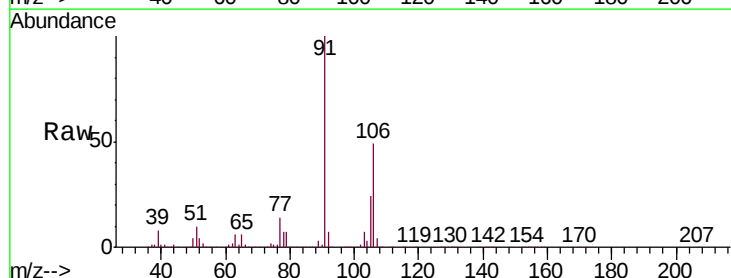
Instrument :
MSVOA_N
ClientSampled :
MW-7BS

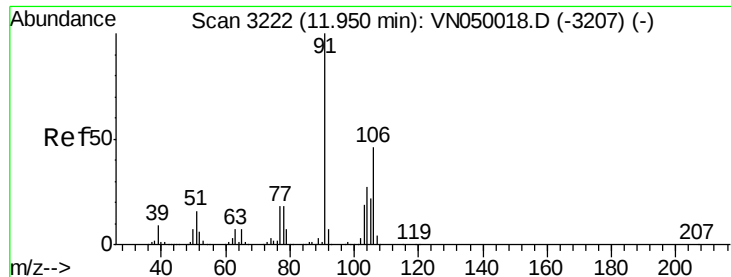
Tot Ion: 91 Resp: 1080550
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 13.58 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Tgt Ion: 106 Resp: 240406
Ion Ratio Lower Upper
106 100
91 201.7 162.2 243.2

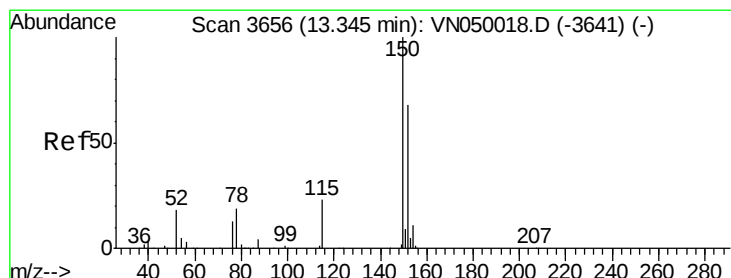
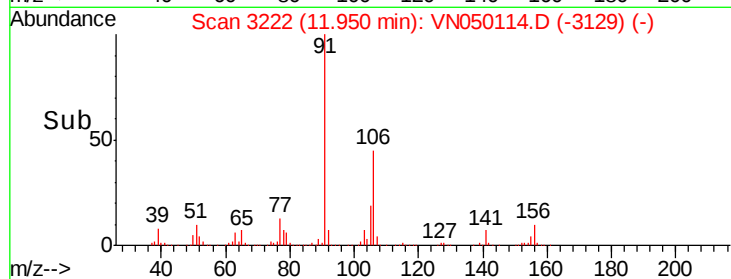
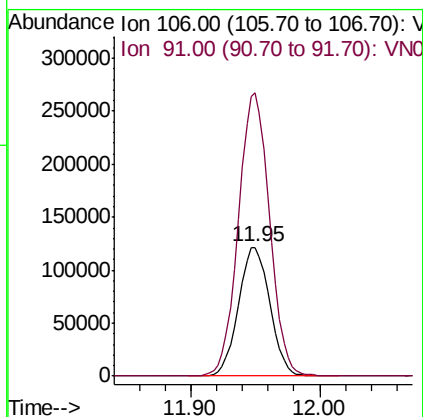
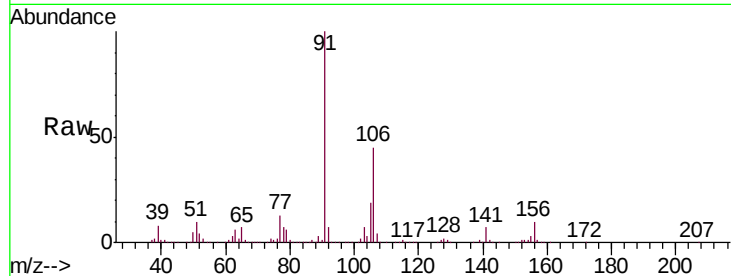




#69
o-Xylene
Concen: 12.20 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

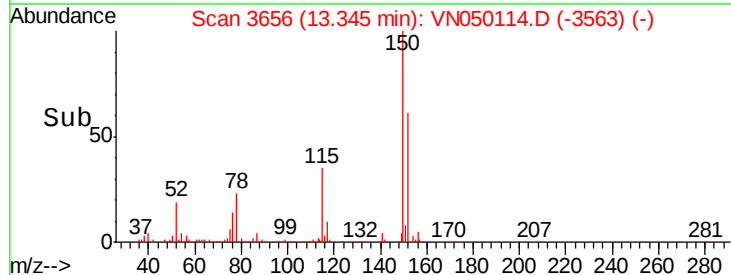
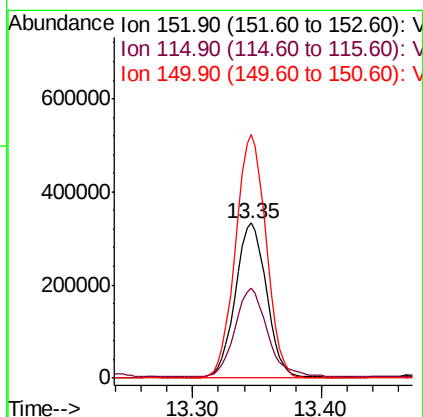
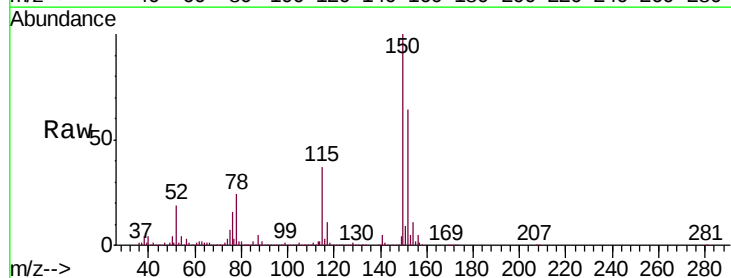
Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

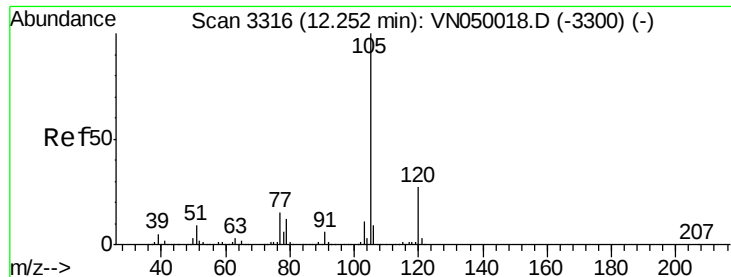
Tot Ion:106 Resp: 205874
Ion Ratio Lower Upper
106 100
91 217.2 107.7 323.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Tgt Ion:152 Resp: 555504
Ion Ratio Lower Upper
152 100
115 60.8 27.8 83.3
150 154.7 0.0 348.6





#73

Isopropylbenzene

Concen: 5.85 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050114.D

Acq: 27 Jul 2018 5:19

Instrument :

MSVOA_N

ClientSampleId :

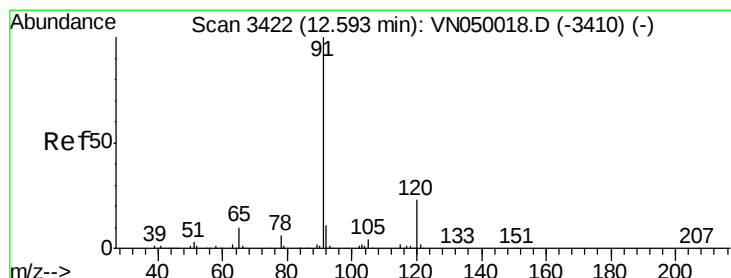
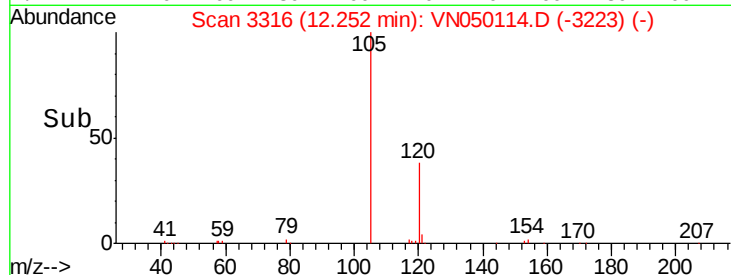
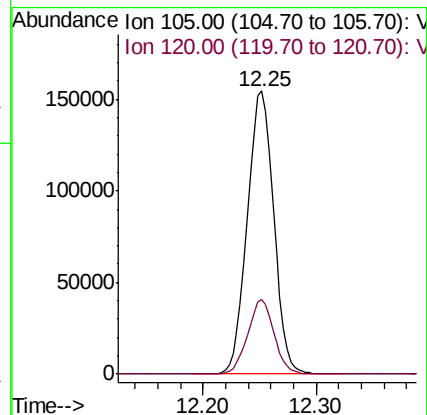
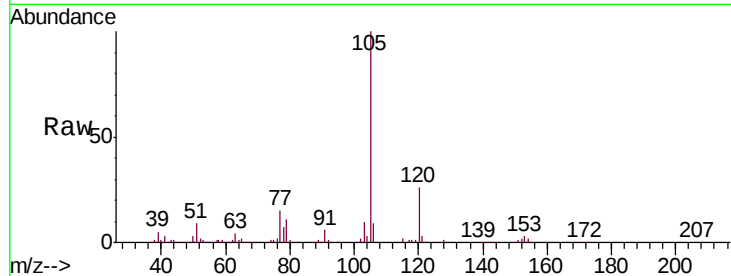
MW-7BS

Tot Ion:105 Resp: 252232

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#78

n-propylbenzene

Concen: 1.18 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050114.D

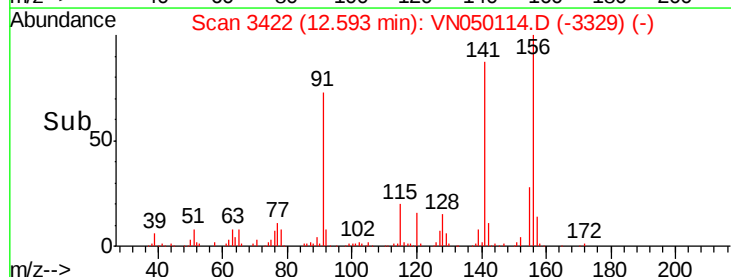
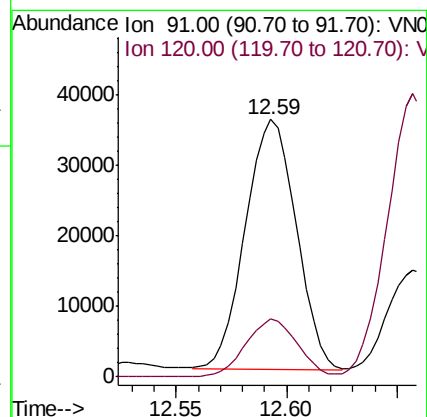
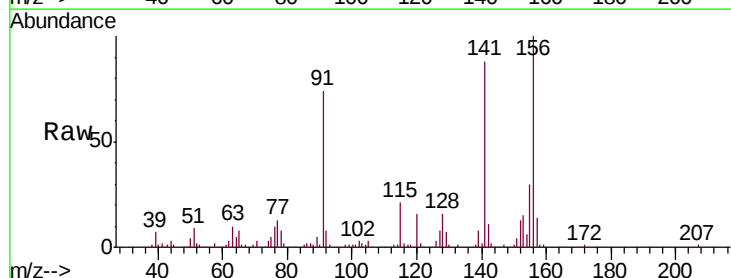
Acq: 27 Jul 2018 5:19

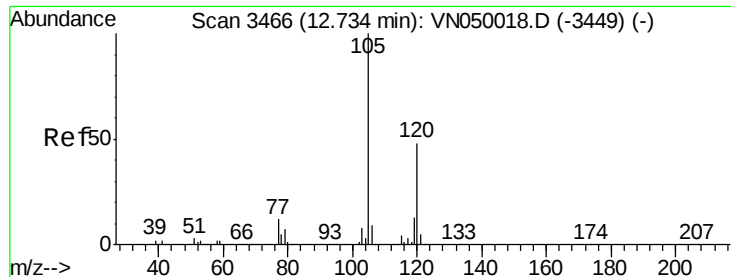
Tgt Ion: 91 Resp: 57010

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.7

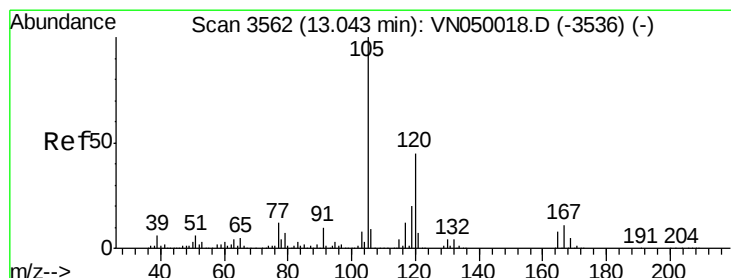
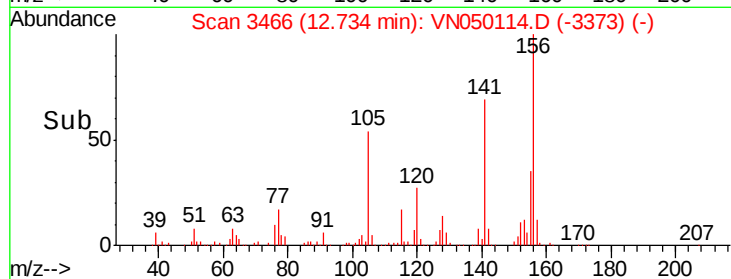
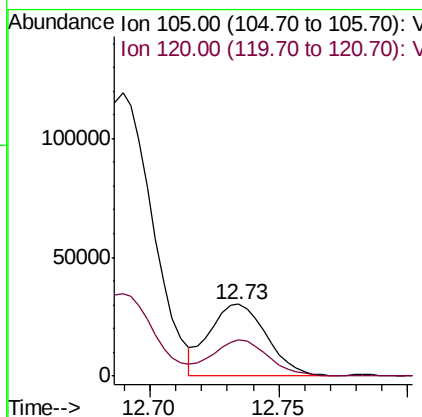
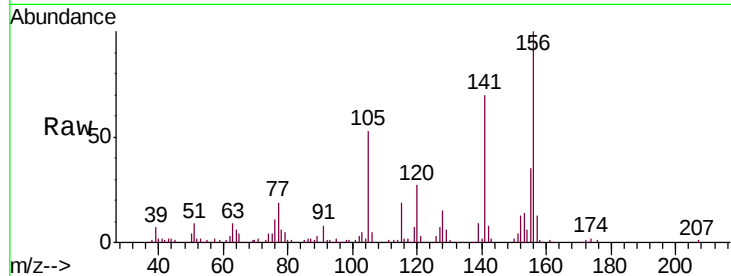




#80
 1,3,5-Trimethylbenzene
 Concen: 1.36 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050114.D
 Acq: 27 Jul 2018 5:19

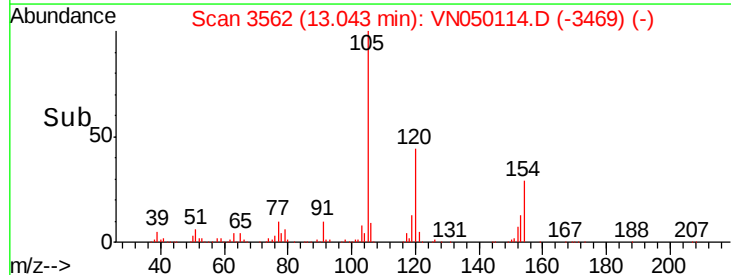
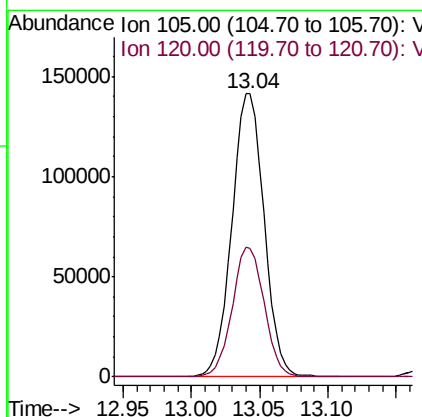
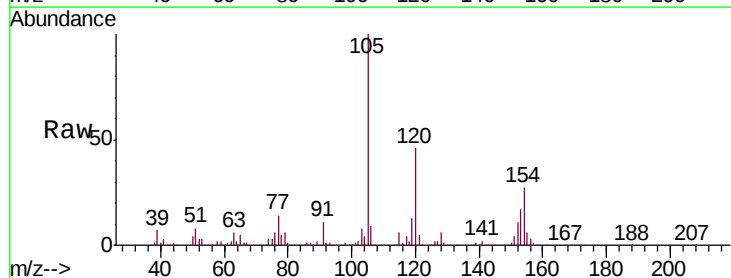
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

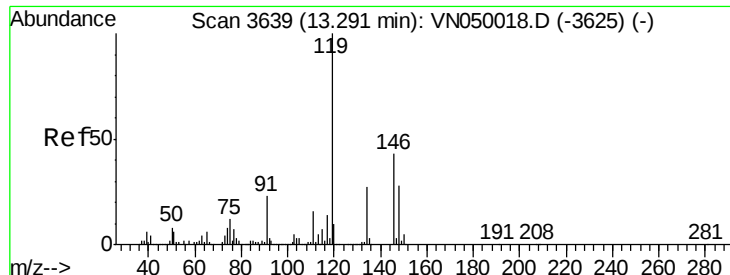
Tot Ion:105 Resp: 46095
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 6.74 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050114.D
 Acq: 27 Jul 2018 5:19

Tgt Ion:105 Resp: 230269
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7

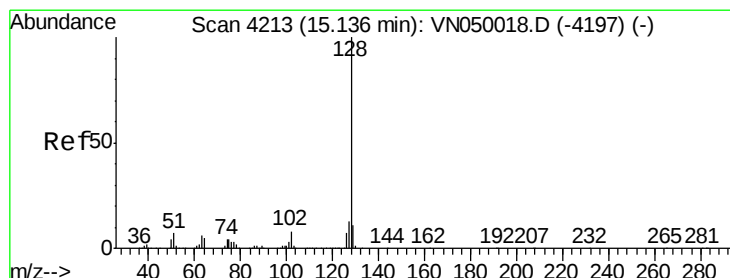
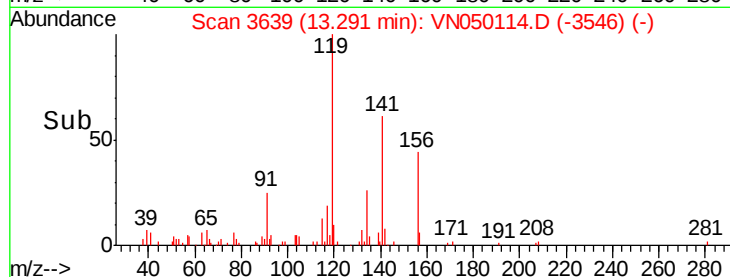
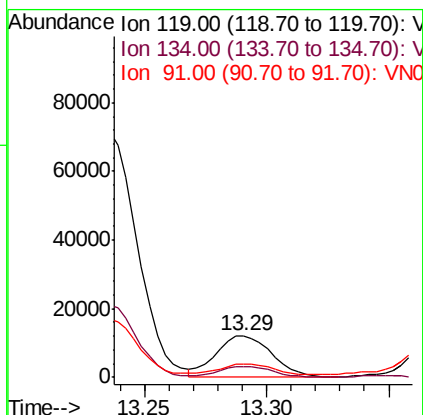
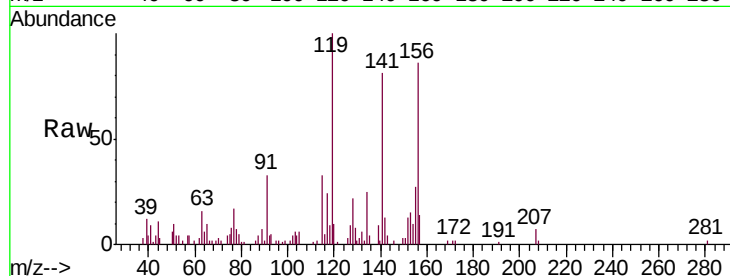




#86
p-Isopropyltoluene
Concen: 0.56 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.3	39.8
91	25.5	11.4	34.2



#95
Naphthalene
Concen: 89.15 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050114.D
Acq: 27 Jul 2018 5:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.8	13.2

