

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051057.D
 Acq On : 7 Sep 2018 16:40
 Operator : MD\SY
 Sample : J4693-15 5X
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(10-15)

Quant Time: Sep 08 01:00:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	996173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	991568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	538506	50.00	ug/l	0.00

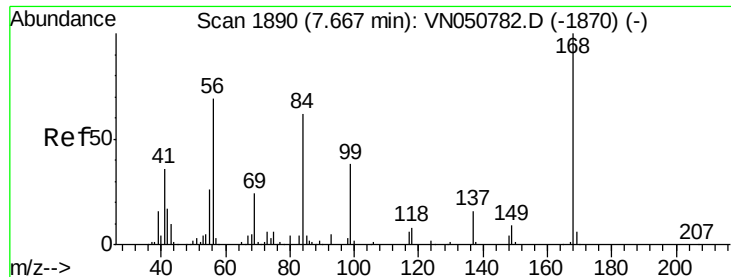
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	391289	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
35) Dibromofluoromethane	7.59	113	374144	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
50) Toluene-d8	10.09	98	1516136	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	845219	85.84	ug/l	0.00
Spiked Amount			Recovery	=	171.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	22531	1.77	ug/l	91
67) Ethyl Benzene	11.51	91	139321	3.31	ug/l	98
68) m/p-Xylenes	11.63	106	181643	11.36	ug/l	90
73) Isopropylbenzene	12.25	105	1128895	25.32	ug/l	100
78) n-propylbenzene	12.59	91	3102761	62.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4420183	122.85	ug/l	100
83) tert-Butylbenzene	12.99	119	258330	8.29	ug/l	88
84) 1,2,4-Trimethylbenzene	13.04	105	15453145	426.98	ug/l	92
85) sec-Butylbenzene	13.17	105	1968951	48.22	ug/l #	63
86) p-Isopropyltoluene	13.29	119	1766324	50.77	ug/l	99
89) n-Butylbenzene	13.62	91	1485550	53.39	ug/l #	79

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

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MSVOA_N

ClientSampleId :

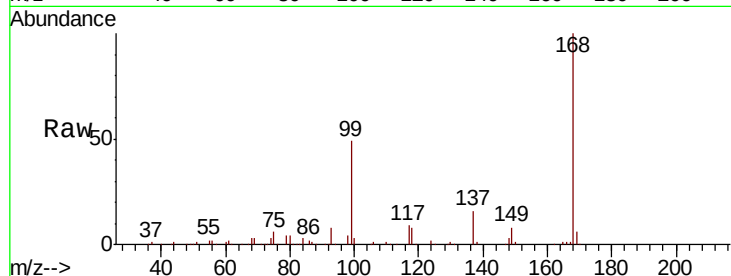
EP1-MW-D(10-15)

Tot Ion:168 Resp: 659187

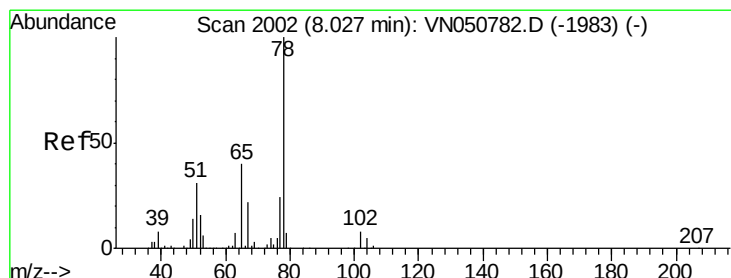
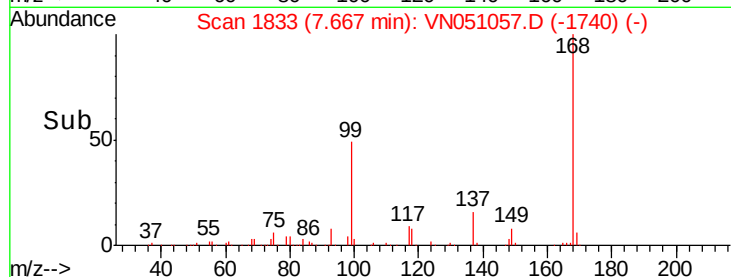
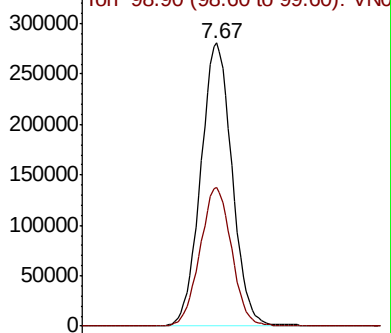
Ion Ratio Lower Upper

168 100

99 49.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051057.D (-1870) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.31 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051057.D

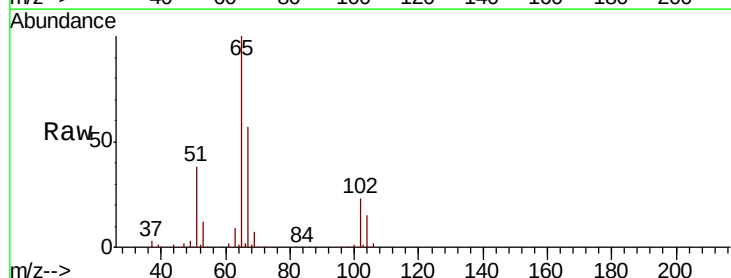
Acq: 7 Sep 2018 16:40

Tgt Ion: 65 Resp: 391289

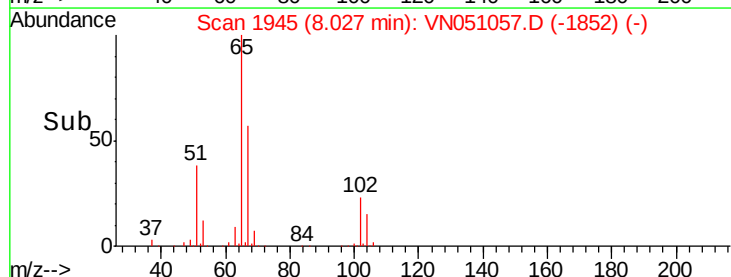
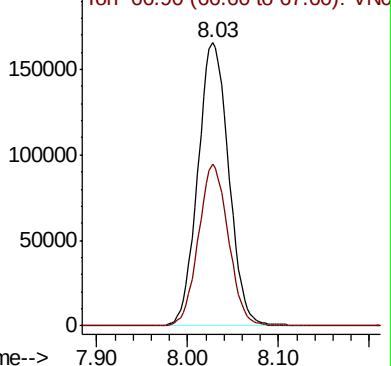
Ion Ratio Lower Upper

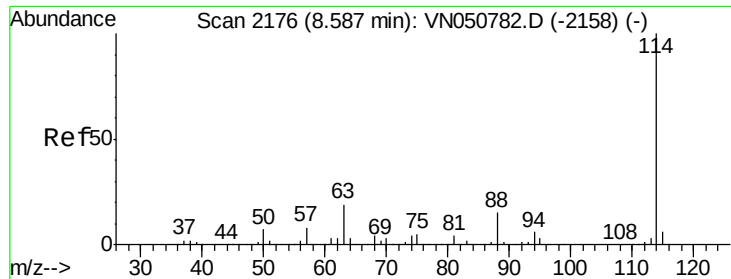
65 100

67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN051057.D (-1852) (-)

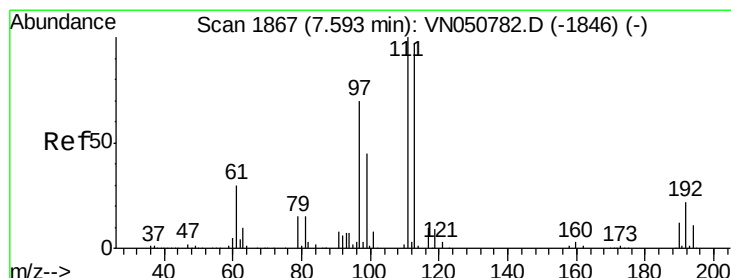
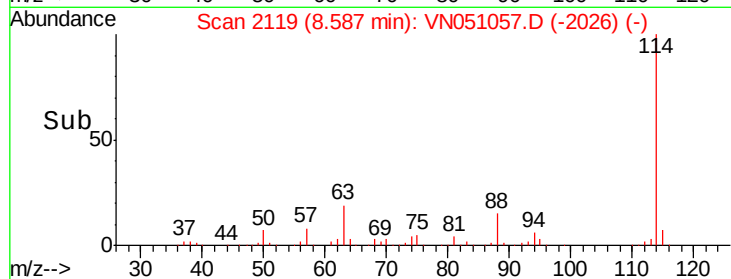
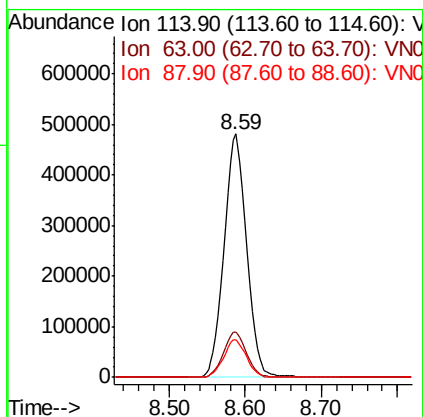
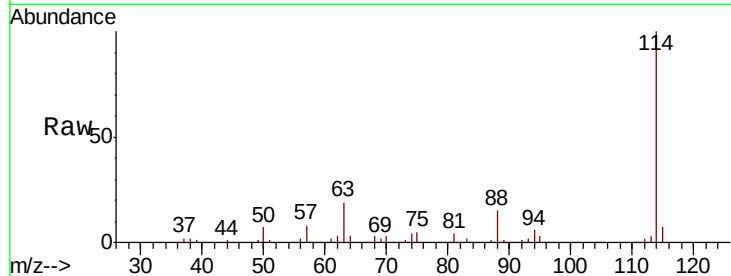




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051057.D
 Acq: 7 Sep 2018 16:40

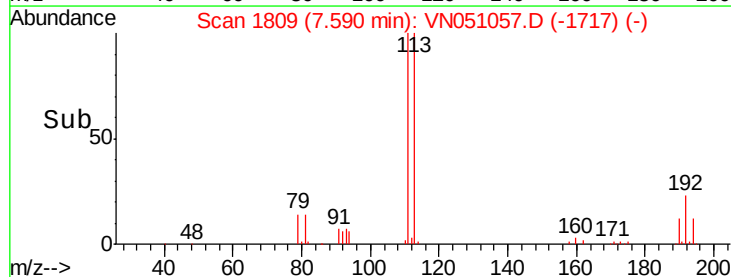
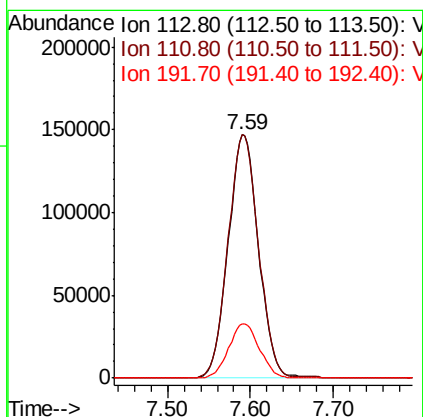
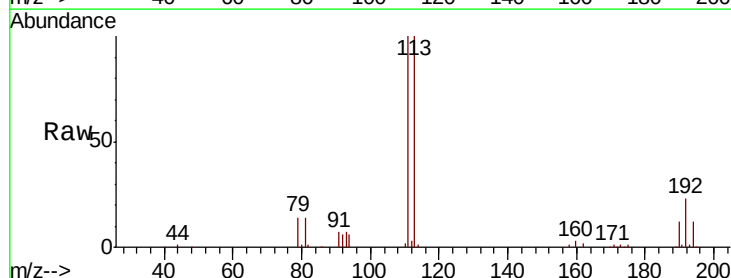
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(10-15)

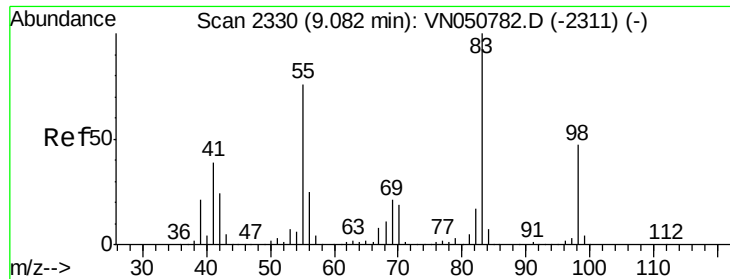
Tot Ion:114 Resp: 996173
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 47.21 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051057.D
 Acq: 7 Sep 2018 16:40

Tgt Ion:113 Resp: 374144
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.6 123.8
 192 22.6 18.0 27.0

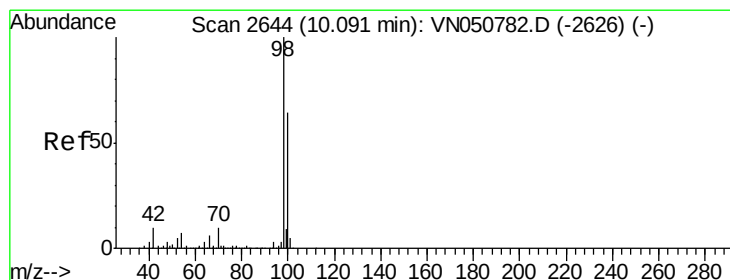
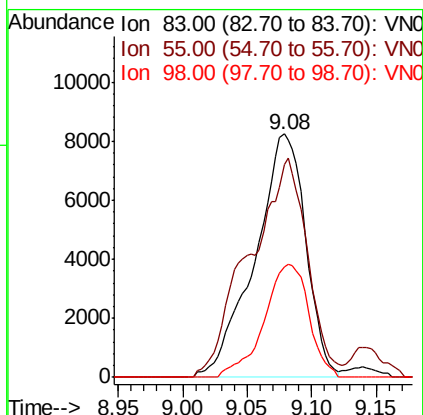
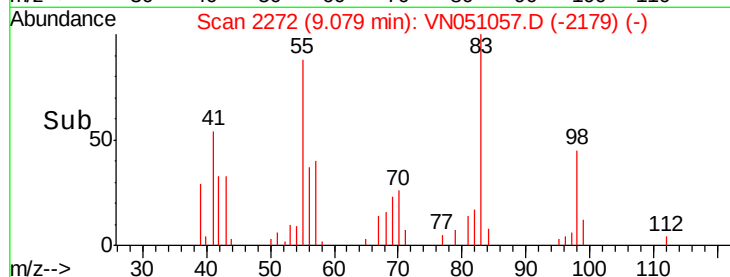
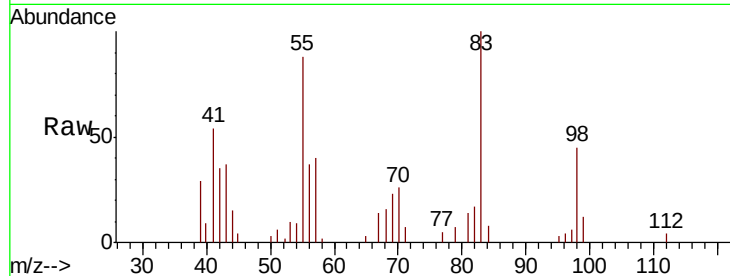




#39
Methylvlcyclohexane
Concen: 1.77 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051057.D
Acq: 7 Sep 2018 16:40

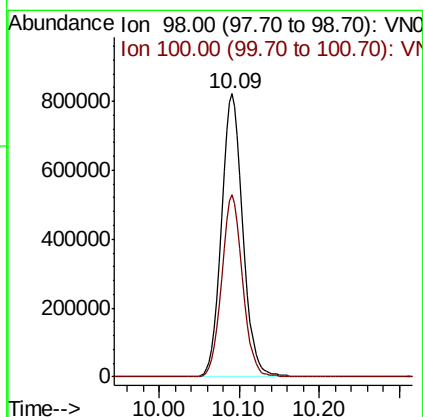
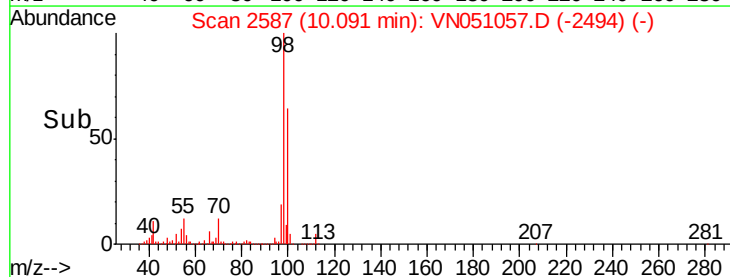
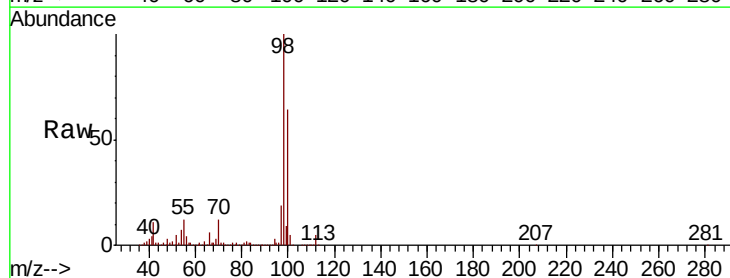
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)

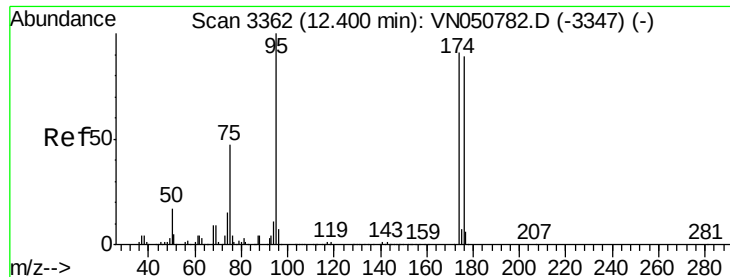
Tot Ion: 83 Resp: 22531
Ion Ratio Lower Upper
83 100
55 87.5 61.0 91.4
98 45.4 37.5 56.3



#50
Toluene-d8
Concen: 51.17 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051057.D
Acq: 7 Sep 2018 16:40

Tgt Ion: 98 Resp: 1516136
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3

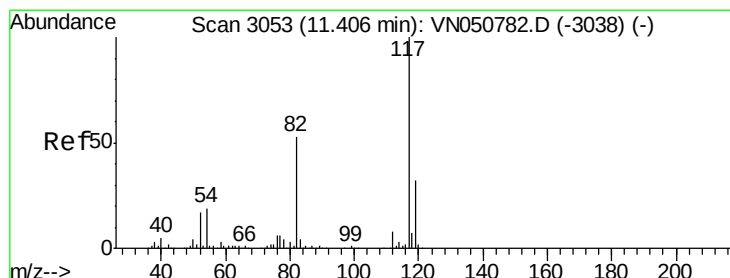
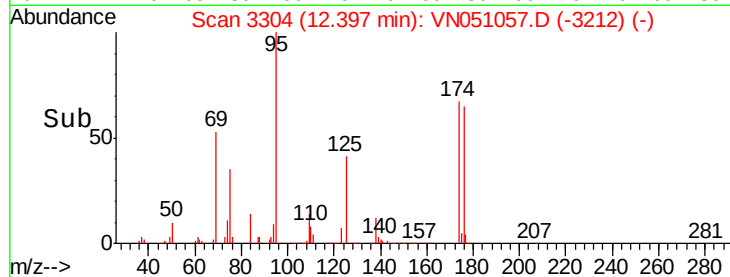
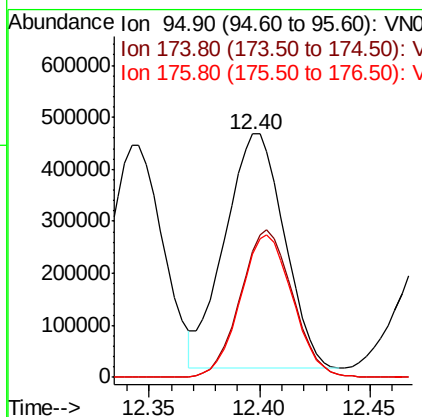
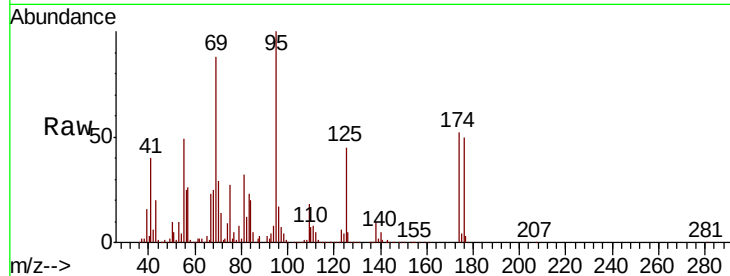




#62
4-Bromofluorobenzene
Concen: 85.84 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051057.D
Acq: 7 Sep 2018 16:40

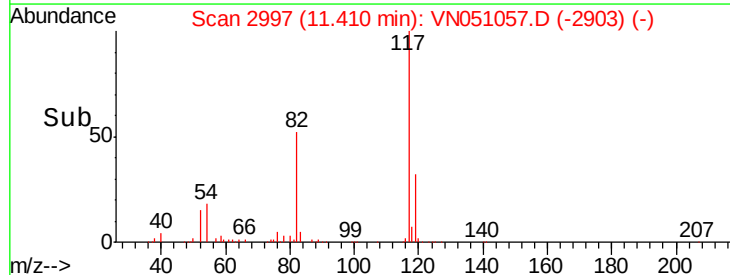
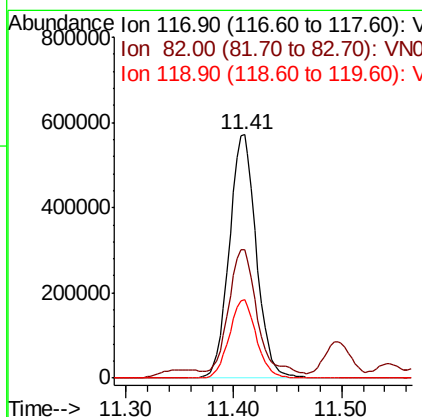
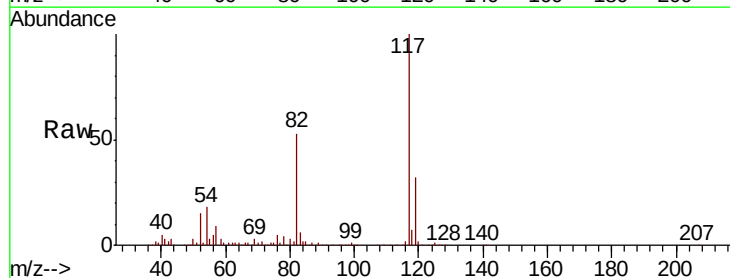
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)

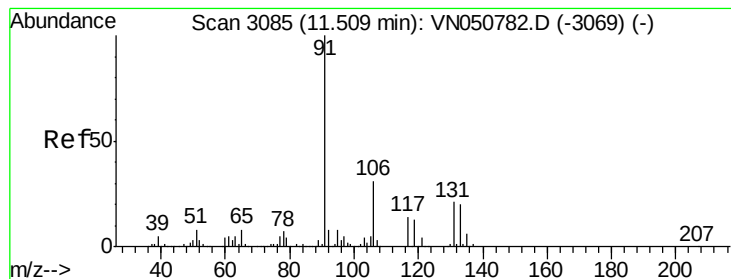
Tot Ion: 95 Resp: 845219
Ion Ratio Lower Upper
95 100
174 55.4 0.0 183.0
176 53.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051057.D
Acq: 7 Sep 2018 16:40

Tgt Ion: 117 Resp: 991568
Ion Ratio Lower Upper
117 100
82 49.6 42.6 64.0
119 32.2 25.8 38.6





#67

Ethyl Benzene

Concen: 3.31 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

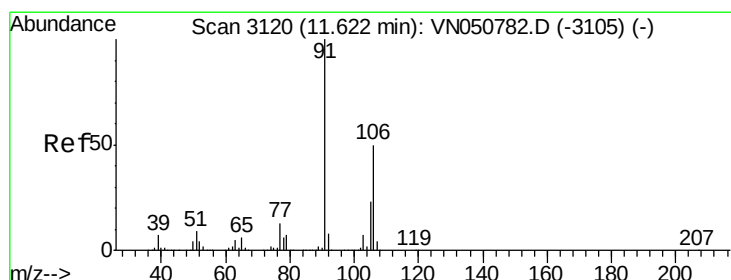
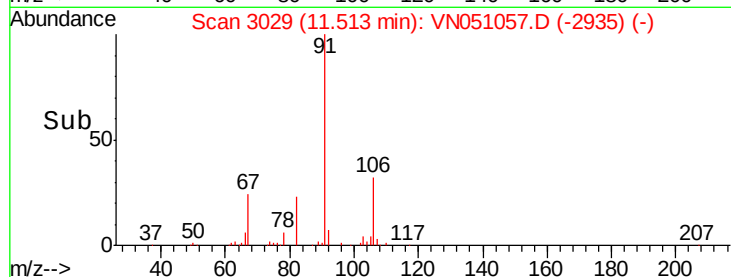
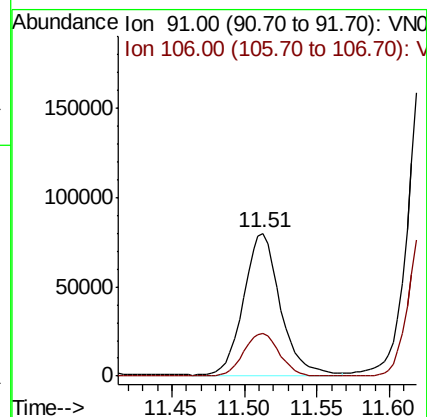
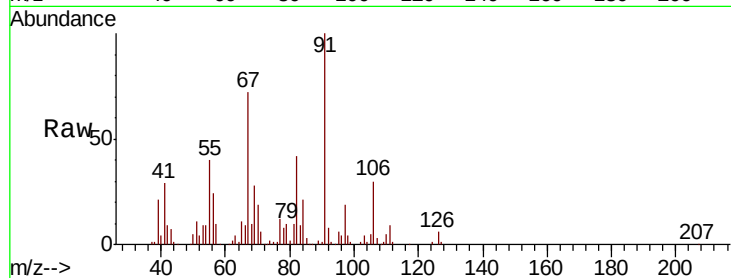
EP1-MW-D(10-15)

Tot Ion: 91 Resp: 139321

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.4



#68

m/p-Xylenes

Concen: 11.36 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN051057.D

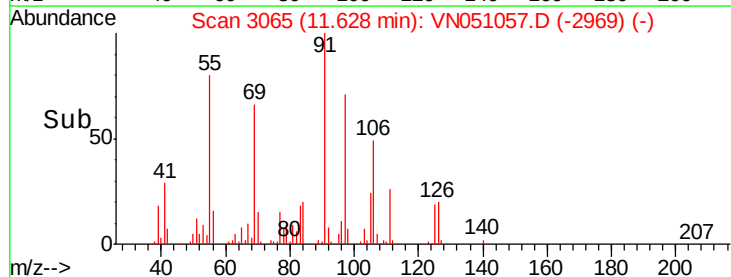
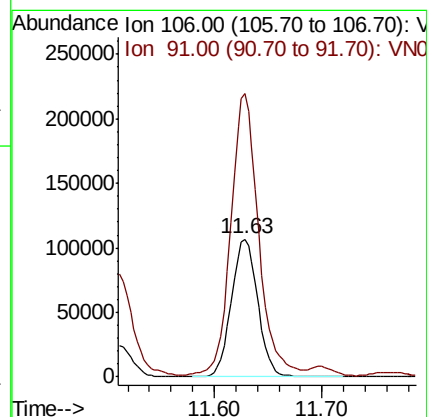
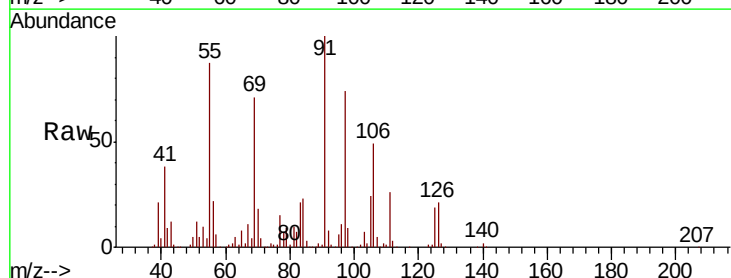
Acq: 7 Sep 2018 16:40

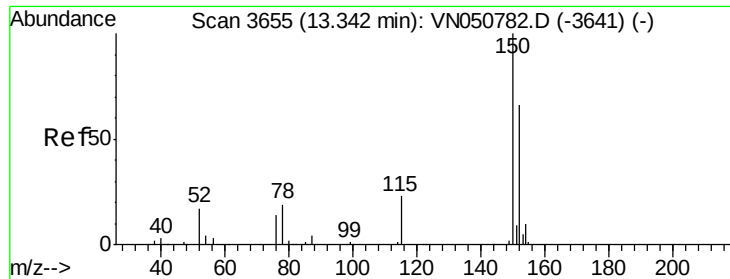
Tgt Ion: 106 Resp: 181643

Ion Ratio Lower Upper

106 100

91 216.6 161.0 241.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(10-15)

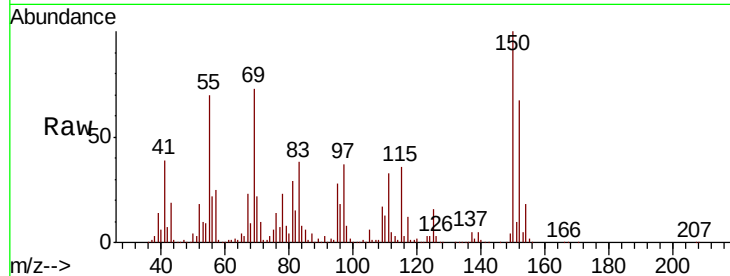
Tot Ion:152 Resp: 538506

Ion Ratio Lower Upper

152 100

115 44.1 27.8 83.4

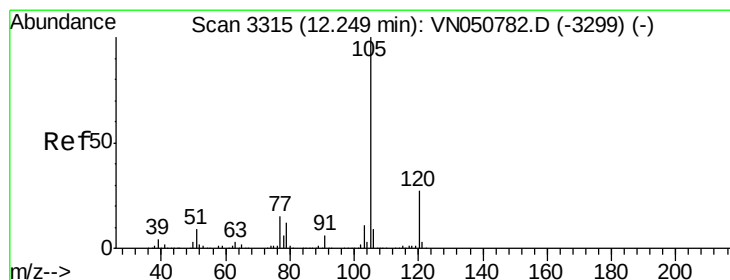
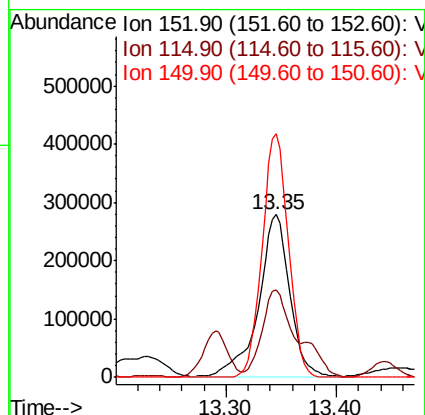
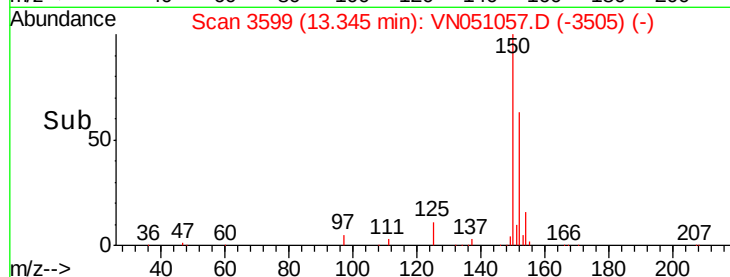
150 127.4 0.0 351.4



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: 25.32 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051057.D

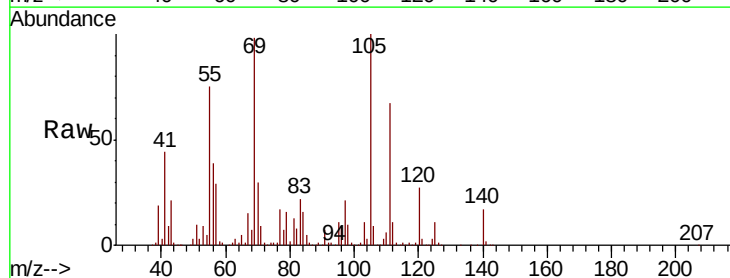
Acq: 7 Sep 2018 16:40

Tgt Ion:105 Resp: 1128895

Ion Ratio Lower Upper

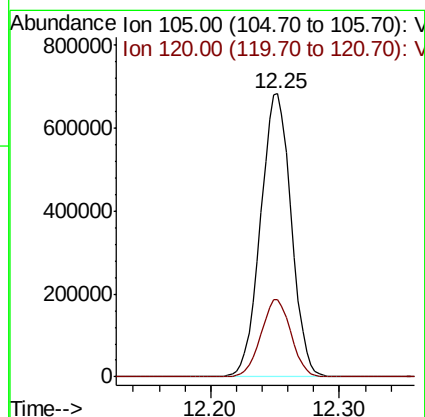
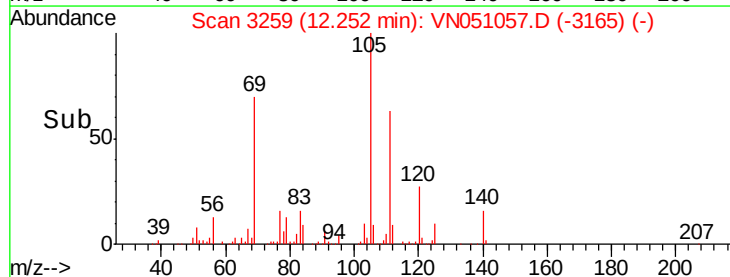
105 100

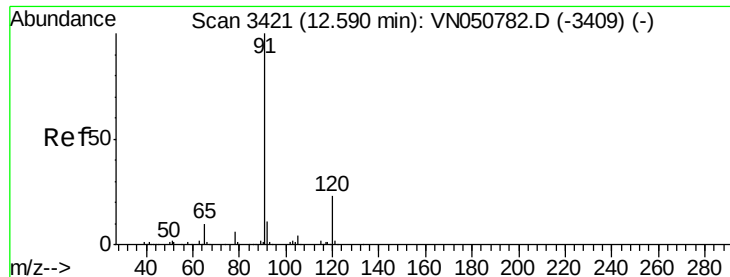
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 62.29 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

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ClientSampleId :

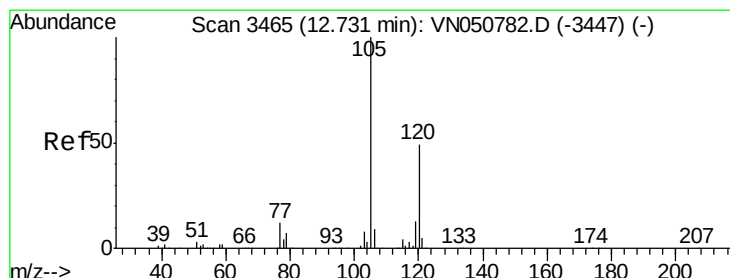
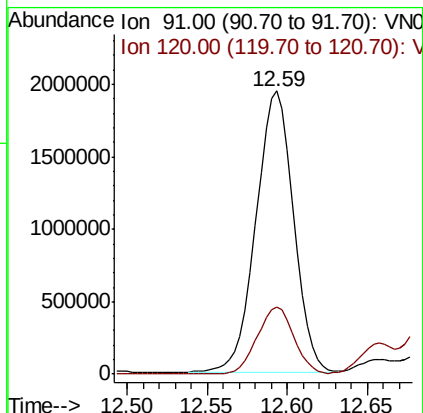
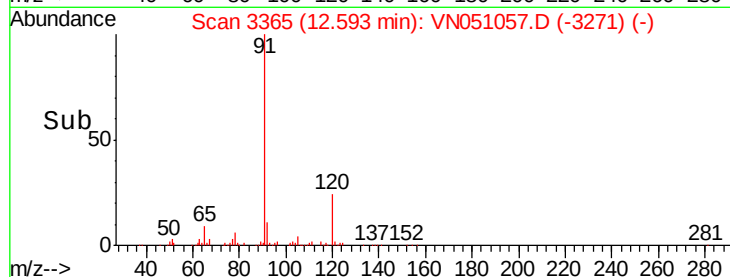
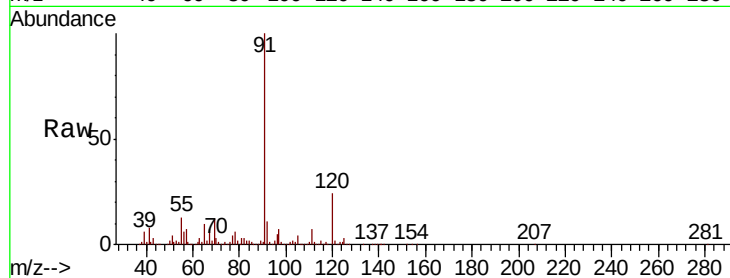
EP1-MW-D(10-15)

Tot Ion: 91 Resp: 3102761

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



#80

1,3,5-Trimethylbenzene

Concen: 122.85 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051057.D

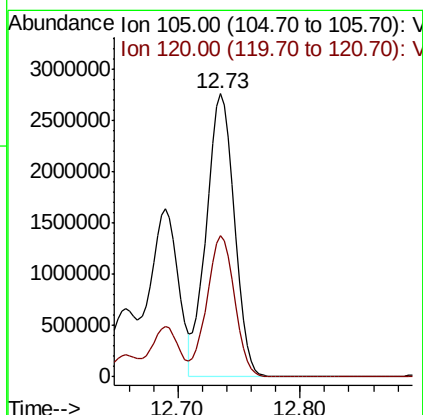
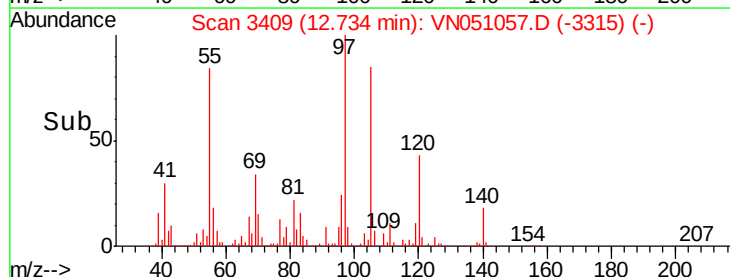
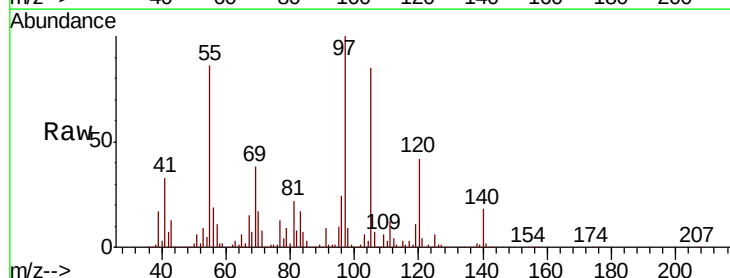
Acq: 7 Sep 2018 16:40

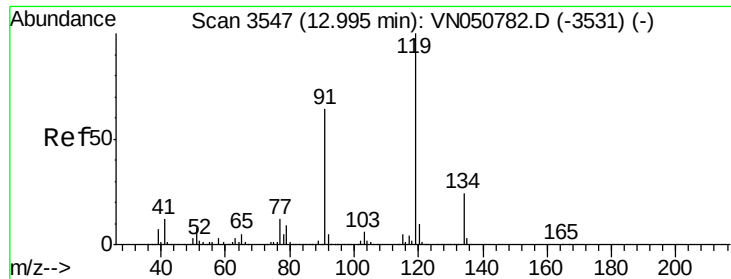
Tgt Ion: 105 Resp: 4420183

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#83

tert-Butylbenzene

Concen: 8.29 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(10-15)

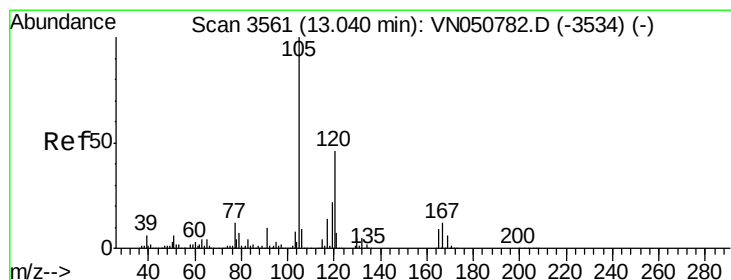
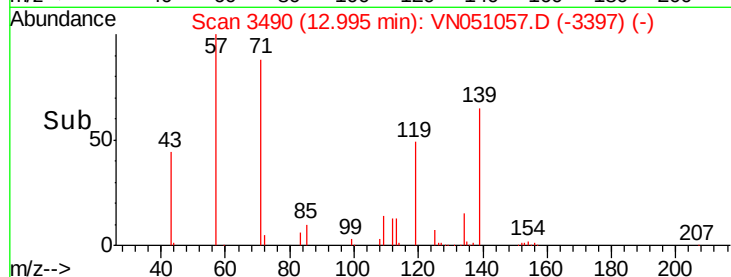
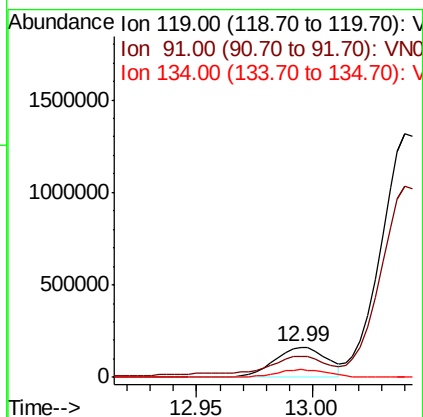
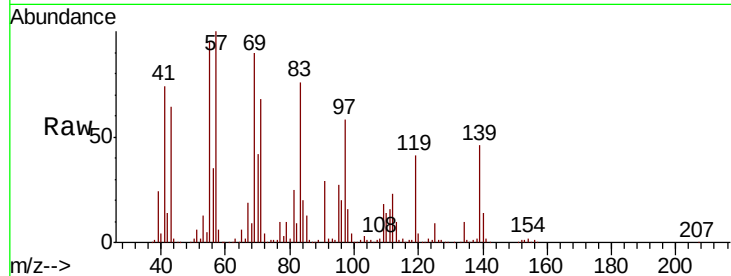
Tot Ion:119 Resp: 258330

Ion Ratio Lower Upper

119 100

91 75.4 31.6 94.7

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 426.98 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN051057.D

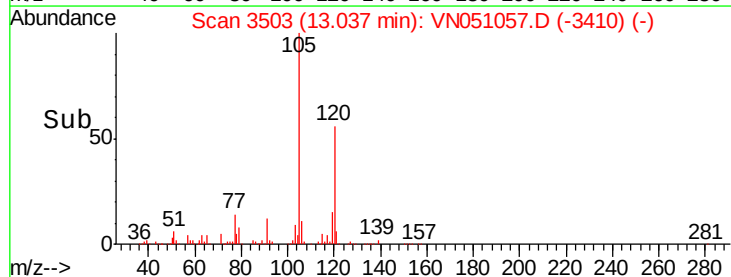
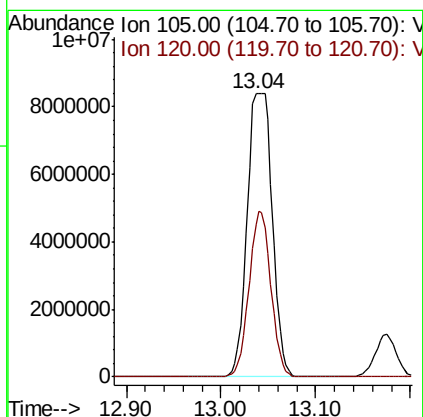
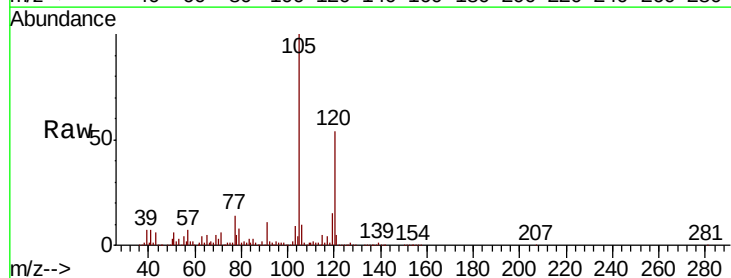
Acq: 7 Sep 2018 16:40

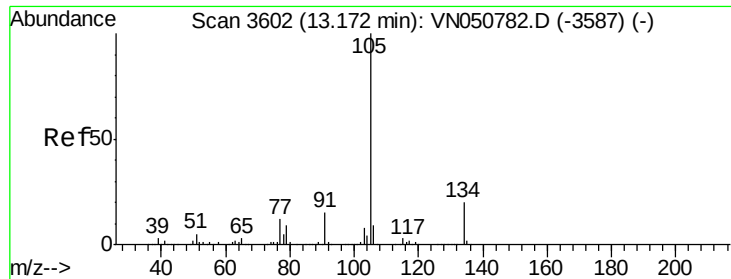
Tgt Ion:105 Resp:15453145

Ion Ratio Lower Upper

105 100

120 50.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.22 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

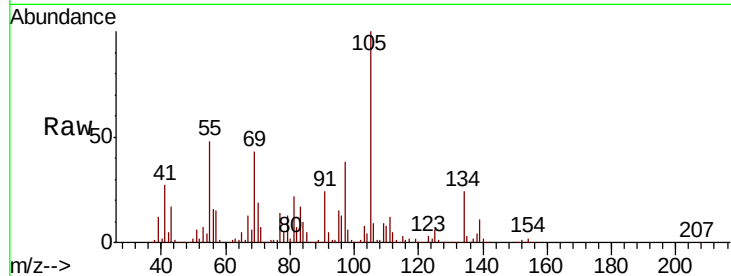
EP1-MW-D(10-15)

Tot Ion:105 Resp: 1968951

Ion Ratio Lower Upper

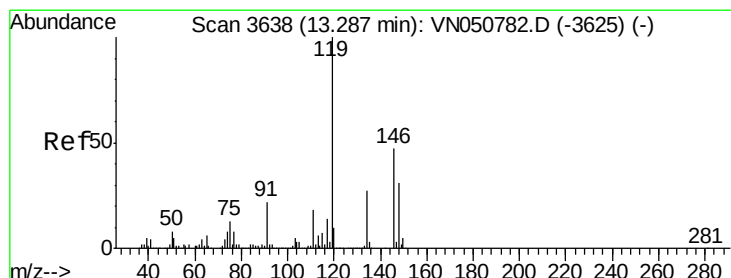
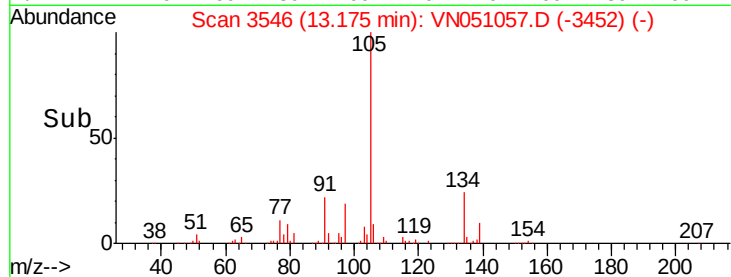
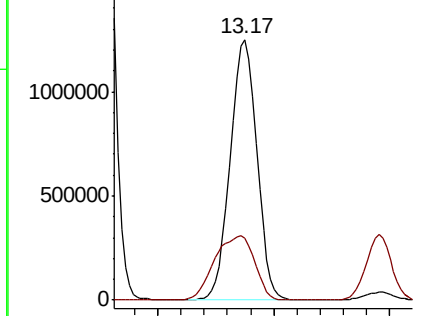
105 100

134 37.5 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.77 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051057.D

Acq: 7 Sep 2018 16:40

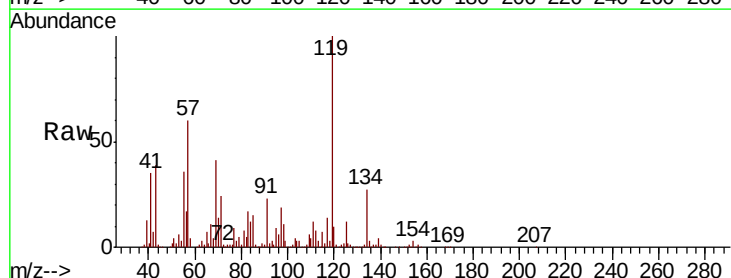
Tgt Ion:119 Resp: 1766324

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

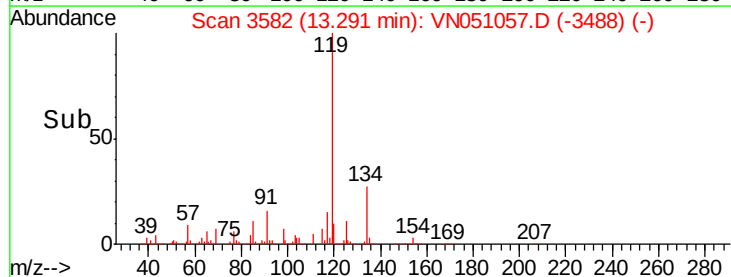
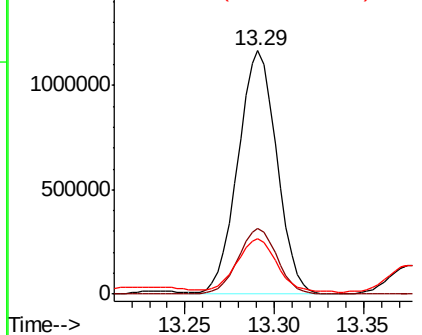
91 22.5 11.2 33.5

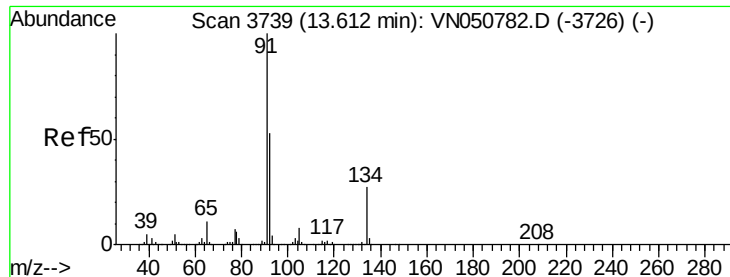


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89
 n-Butylbenzene
 Concen: 53.39 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051057.D
 Acq: 7 Sep 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(10-15)

Tot Ion: 91 Resp: 1485550
 Ion Ratio Lower Upper
 91 100
 92 47.9 26.1 78.2
 134 0.0 13.2 39.6#

