

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051141.D
 Acq On : 12 Sep 2018 10:27
 Operator : MD\SY
 Sample : J4849-07DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-EDL

Quant Time: Sep 13 07:57:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	940959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318319	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	376537	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	367034	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
50) Toluene-d8	10.09	98	1315071	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	372872	42.01	ug/l	0.00
Spiked Amount			Recovery	=	84.02%	

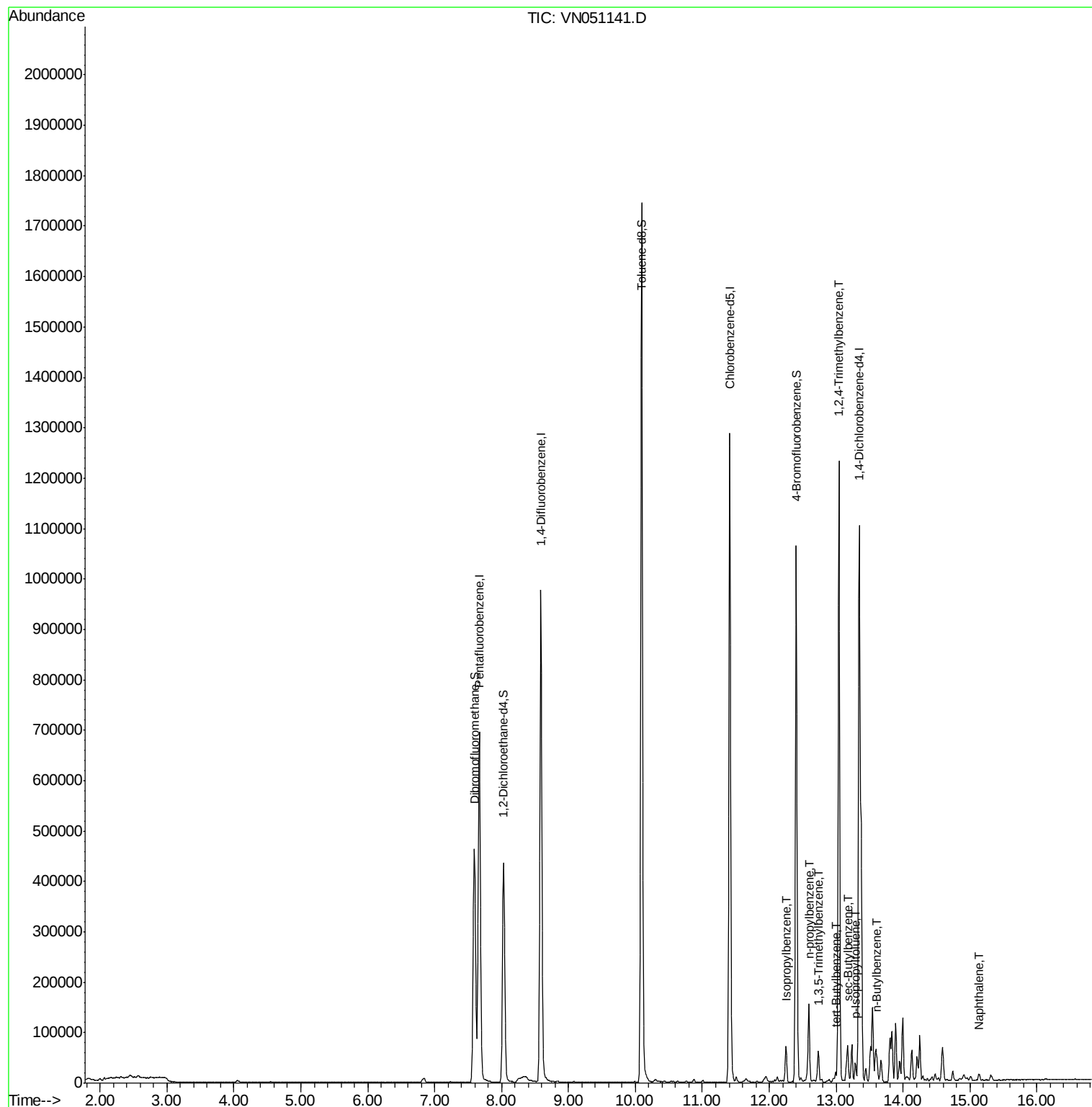
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.25	105	45830	1.72	ug/l	100
78) n-propylbenzene	12.59	91	121187	4.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	30329	1.41	ug/l	100
83) tert-Butylbenzene	12.99	119	9745	0.51	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	713309	33.61	ug/l	99
85) sec-Butylbenzene	13.17	105	46777	1.91	ug/l	82
86) p-Isopropyltoluene	13.29	119	18343	0.89	ug/l	96
89) n-Butylbenzene	13.62	91	23841	1.48	ug/l #	73
95) Naphthalene	15.13	128	11744	6.22	ug/l	98

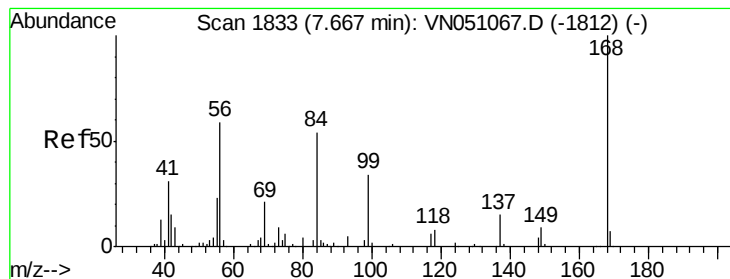
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
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: VN051141.D

Acq: 12 Sep 2018 10:27

Instrument :

MSVOA_N

ClientSampleId :

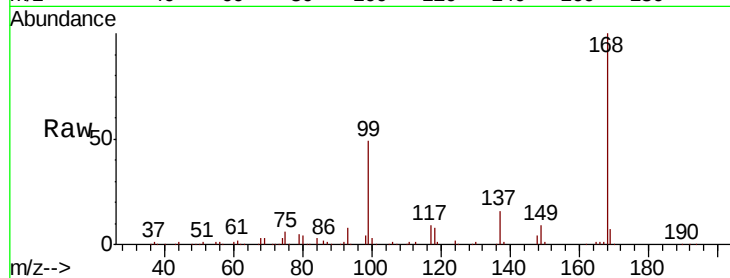
EP1-MW-EDL

Tot Ion:168 Resp: 622357

Ion Ratio Lower Upper

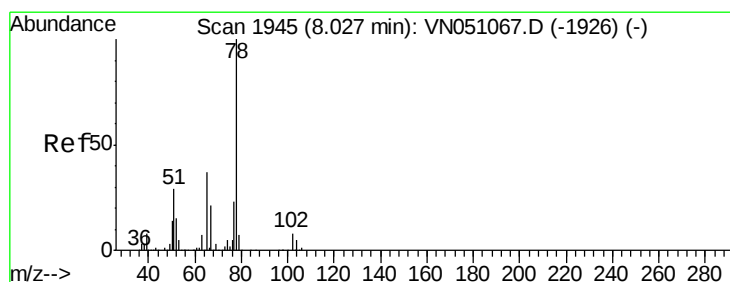
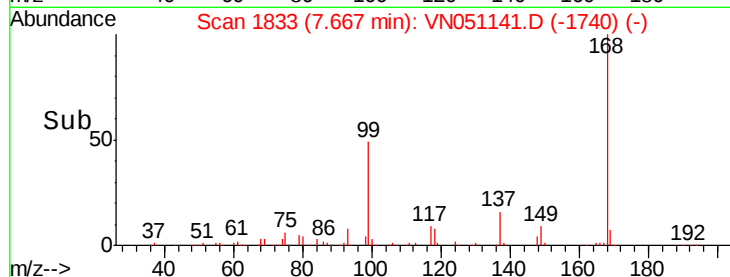
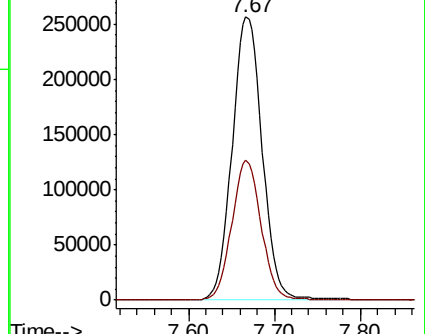
168 100

99 49.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.37 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051141.D

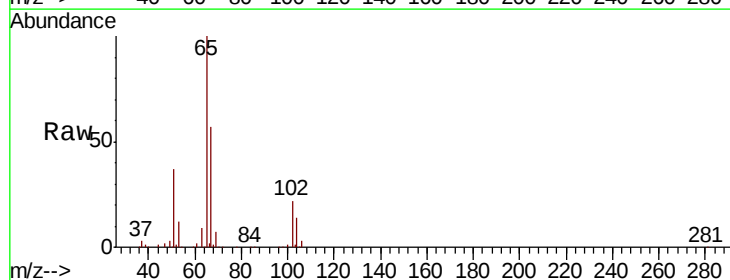
Acq: 12 Sep 2018 10:27

Tgt Ion: 65 Resp: 376537

Ion Ratio Lower Upper

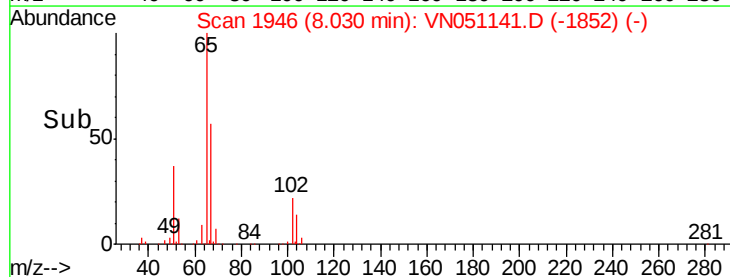
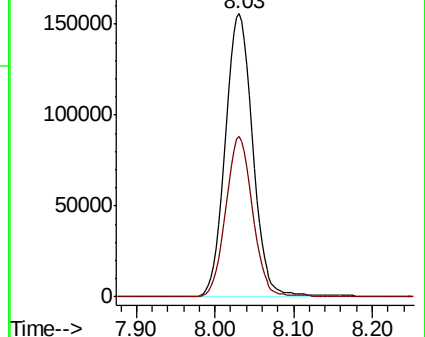
65 100

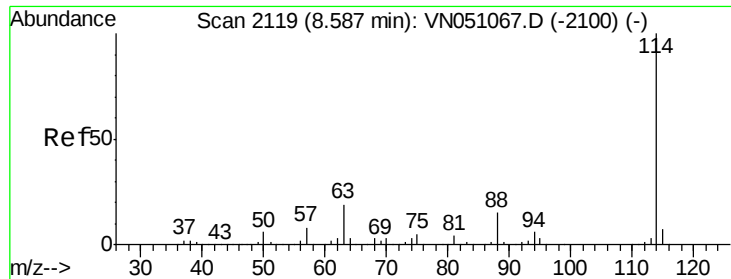
67 55.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051067.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051067.D (-1926) (-)

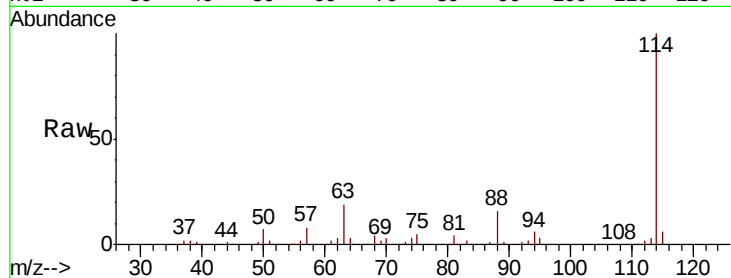




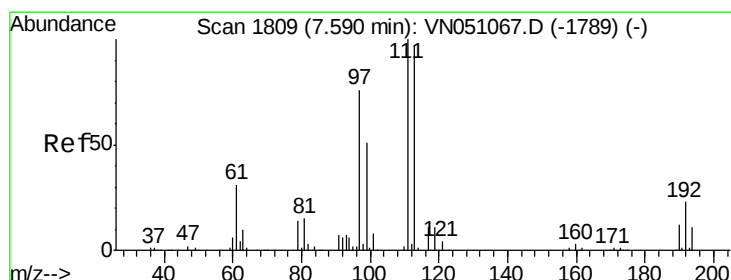
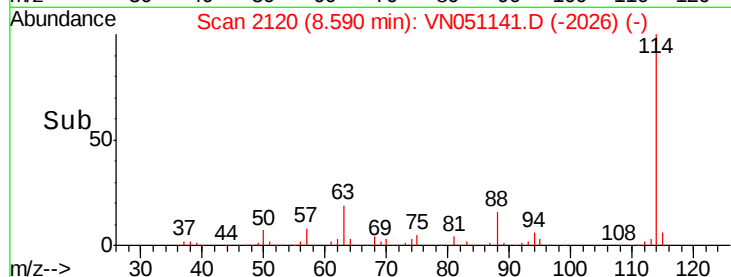
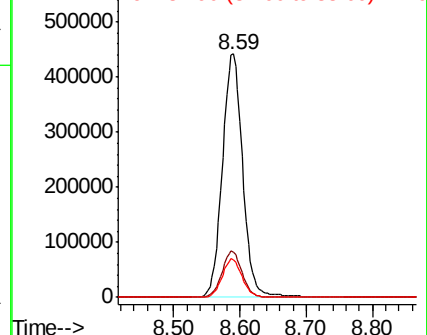
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051141.D
 Acq: 12 Sep 2018 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-EDL

Tot Ion:114 Resp: 940959
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.5 0.0 30.8

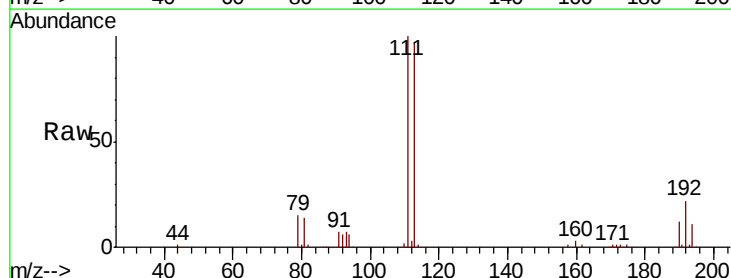


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

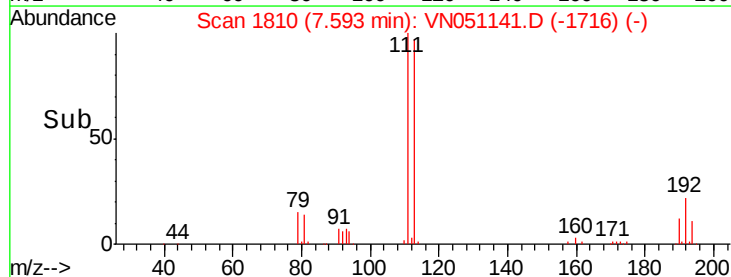
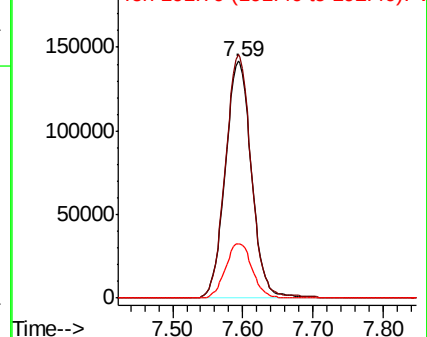


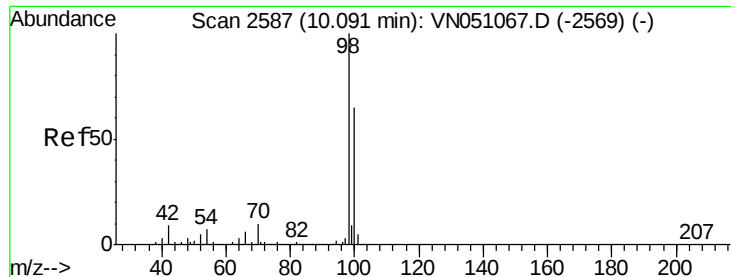
#35
 Dibromofluoromethane
 Concen: 51.91 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051141.D
 Acq: 12 Sep 2018 10:27

Tgt Ion:113 Resp: 367034
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.0 124.6
 192 23.4 18.7 28.1



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





#50

Toluene-d8

Concen: 49.01 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

Instrument :

MSVOA_N

ClientSampleId :

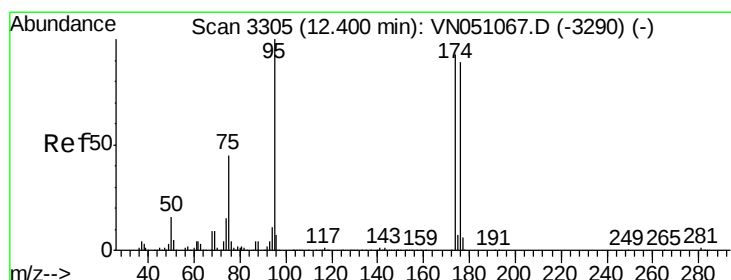
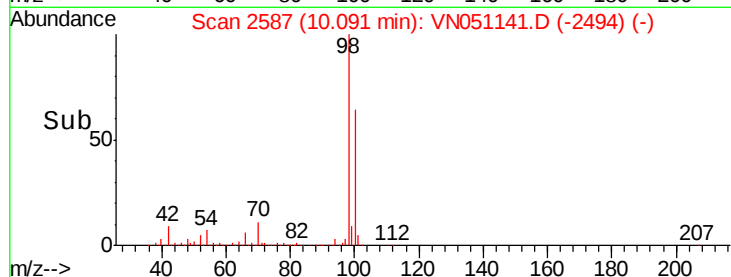
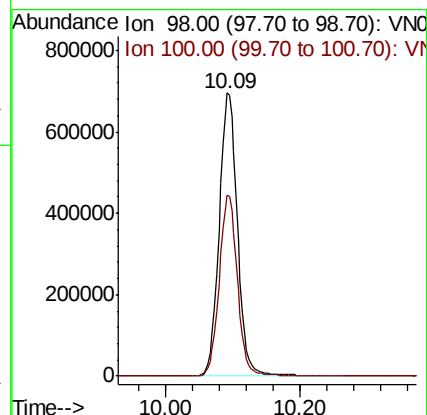
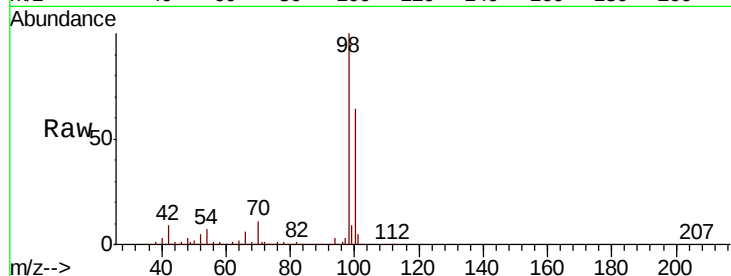
EP1-MW-EDL

Tot Ion: 98 Resp: 1315071

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.01 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

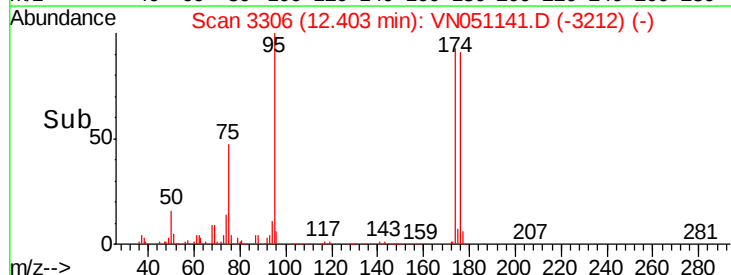
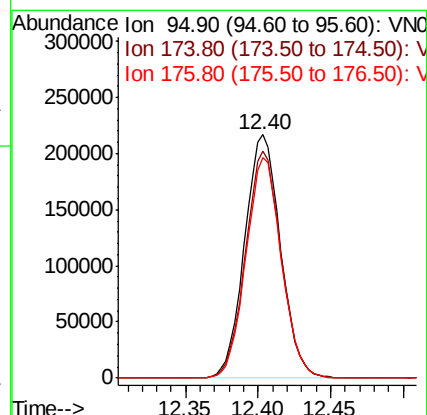
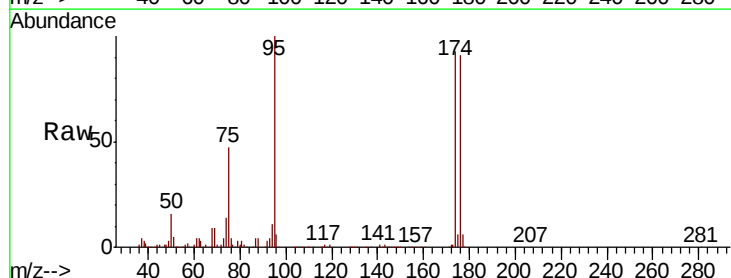
Tgt Ion: 95 Resp: 372872

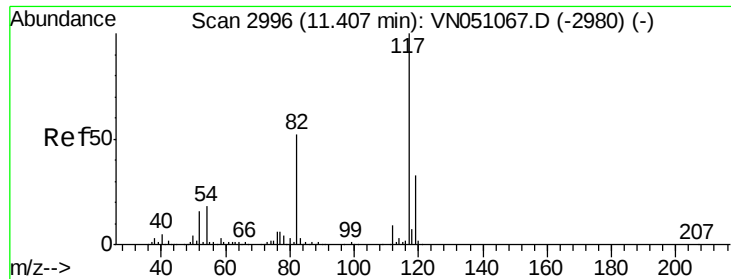
Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.8

176 89.6 0.0 178.6

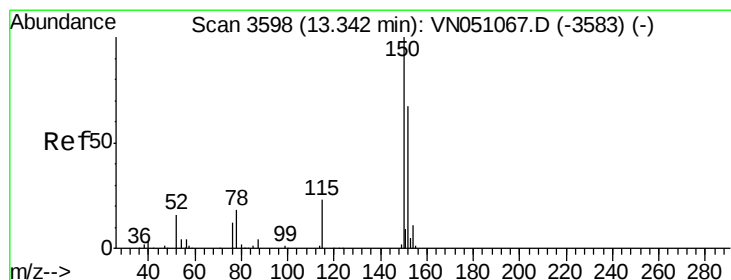
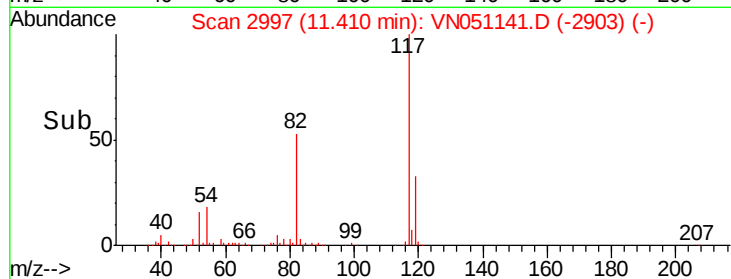
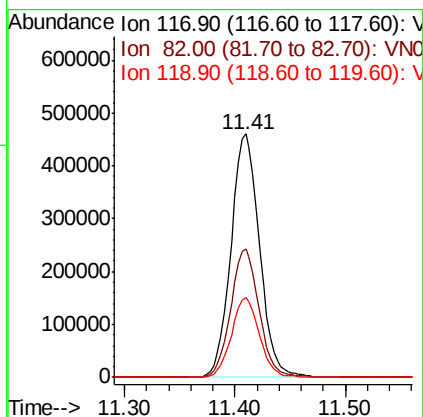
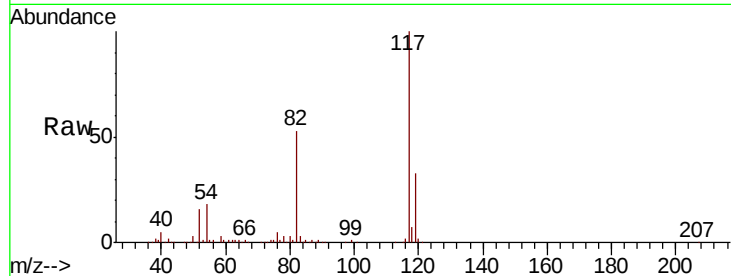




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051141.D
Acq: 12 Sep 2018 10:27

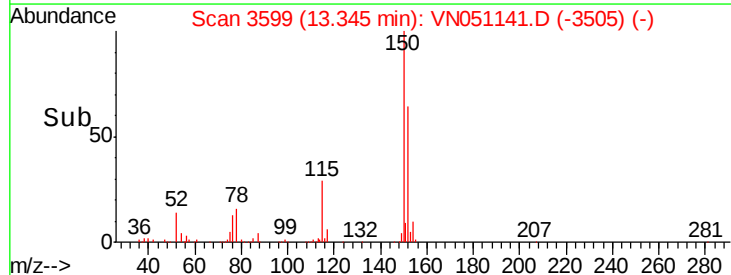
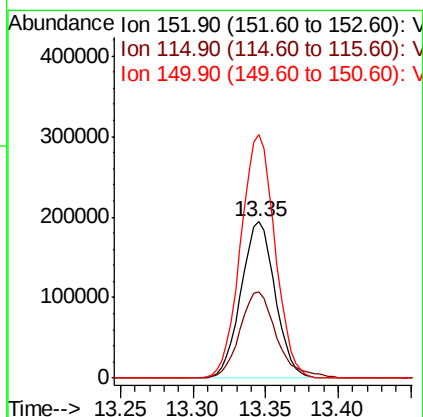
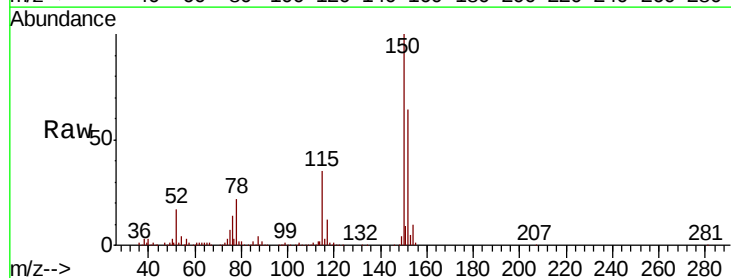
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-EDL

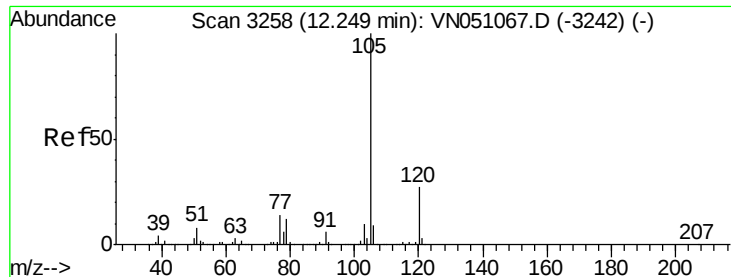
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051141.D
Acq: 12 Sep 2018 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	156.6	0.0	349.0





#73

Isopropylbenzene

Concen: 1.72 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

Instrument :

MSVOA_N

ClientSampled :

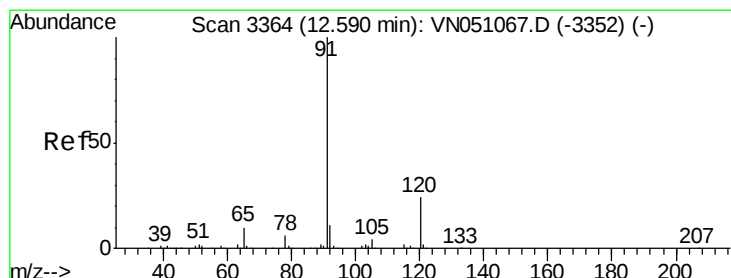
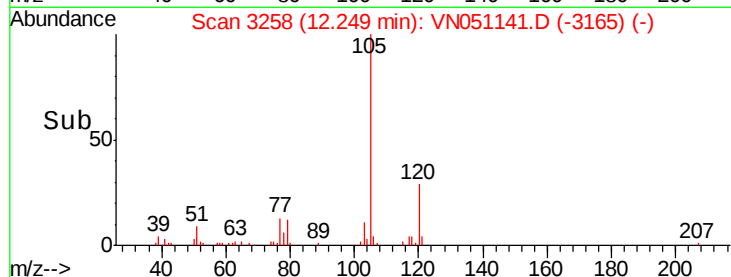
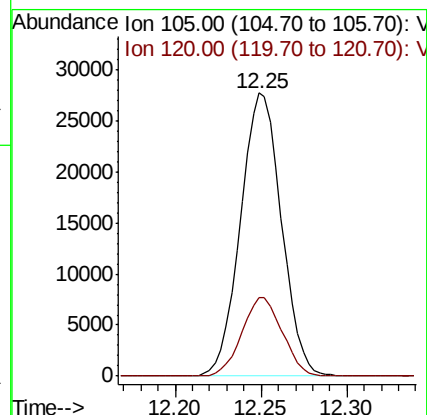
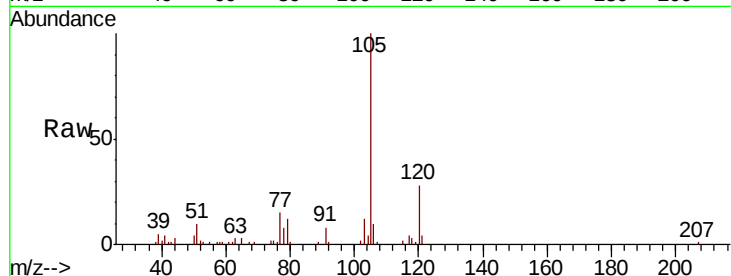
EP1-MW-EDL

Tot Ion:105 Resp: 45830

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#78

n-propylbenzene

Concen: 4.13 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051141.D

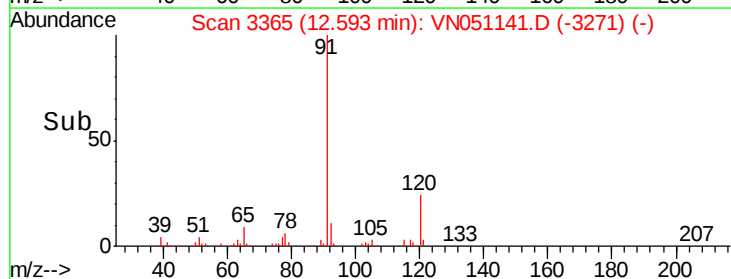
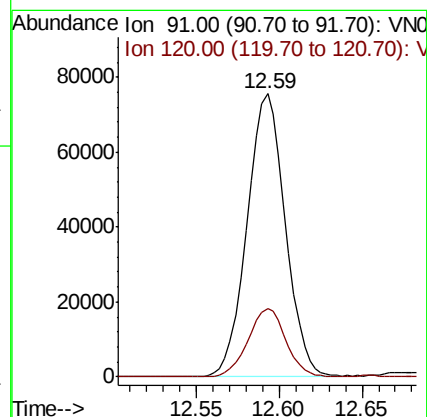
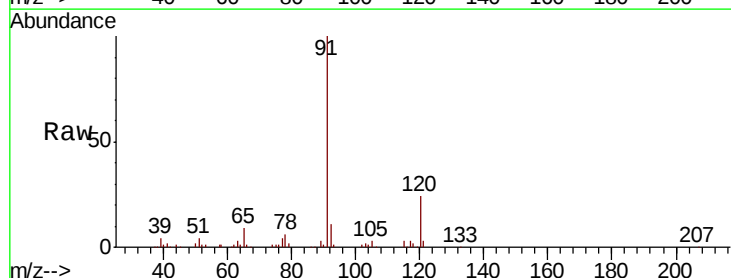
Acq: 12 Sep 2018 10:27

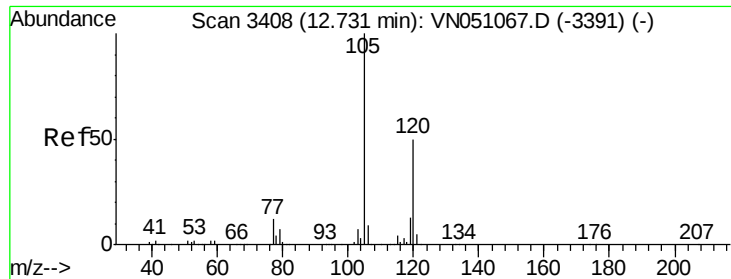
Tgt Ion: 91 Resp: 121187

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.0





#80

1,3,5-Trimethylbenzene

Concen: 1.41 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

Instrument :

MSVOA_N

ClientSampled :

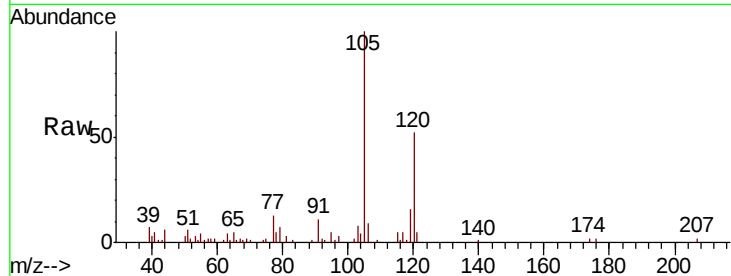
EP1-MW-EDL

Tot Ion:105 Resp: 30329

Ion Ratio Lower Upper

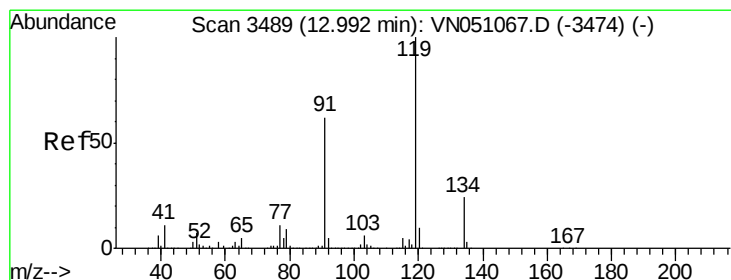
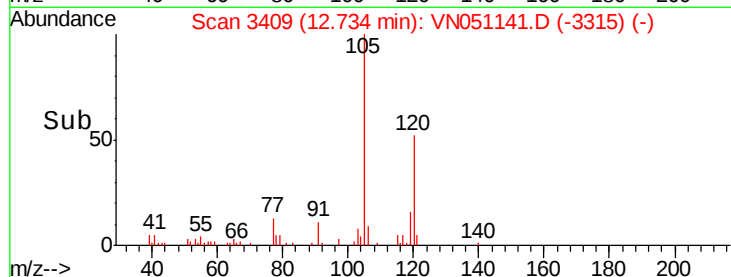
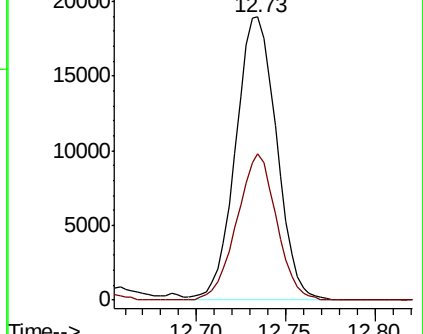
105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.51 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

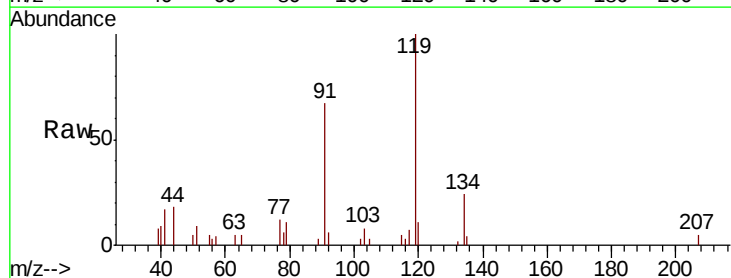
Tgt Ion:119 Resp: 9745

Ion Ratio Lower Upper

119 100

91 60.7 30.8 92.3

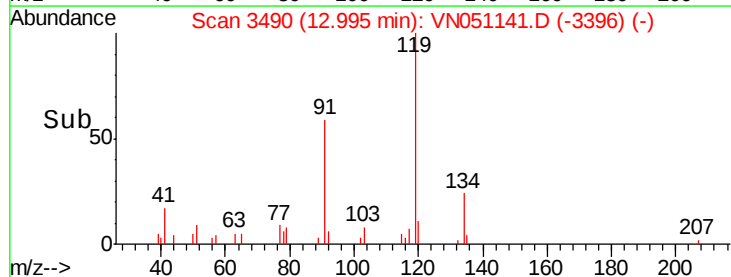
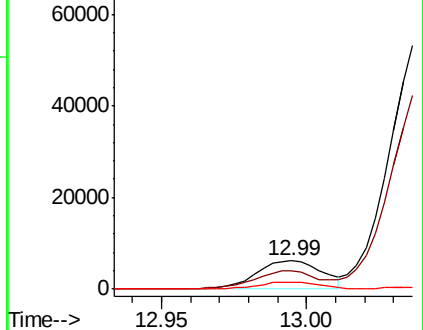
134 23.4 13.2 39.6

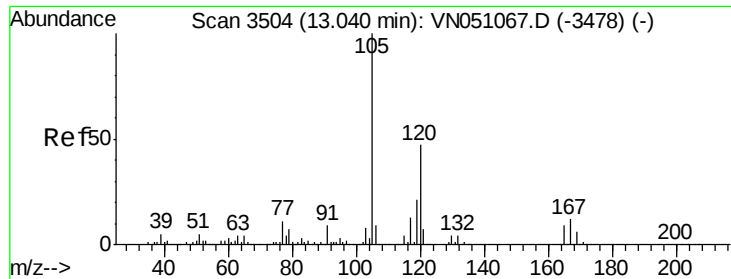


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 33.61 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

Instrument :

MSVOA_N

ClientSampled :

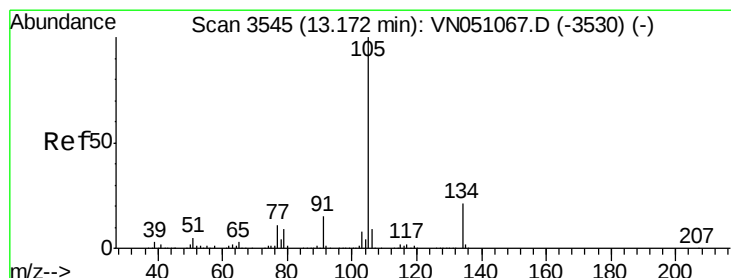
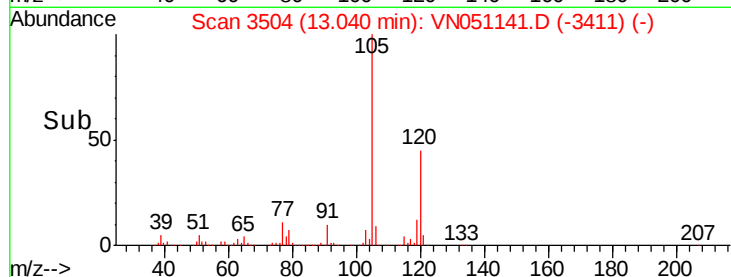
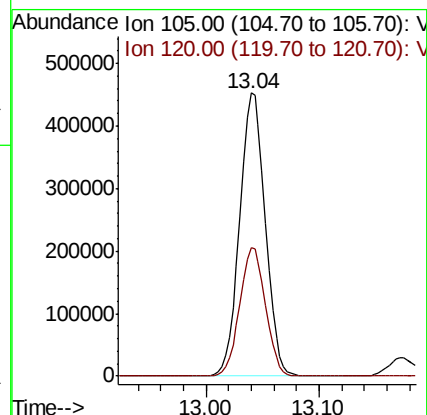
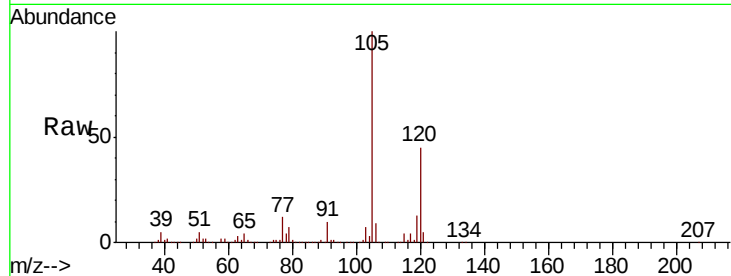
EP1-MW-EDL

Tot Ion:105 Resp: 713309

Ion Ratio Lower Upper

105 100

120 45.7 23.3 69.8



#85

sec-Butylbenzene

Concen: 1.91 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051141.D

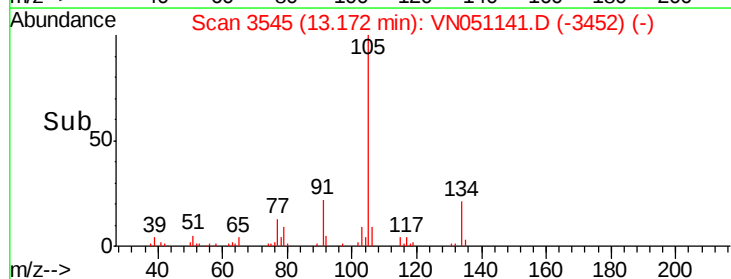
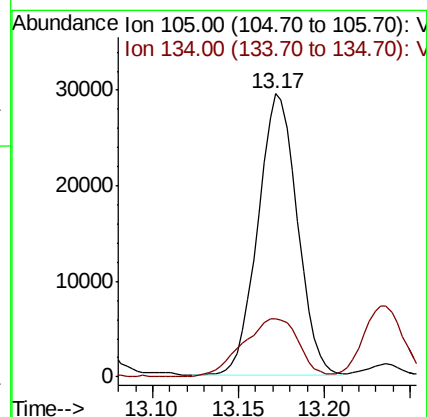
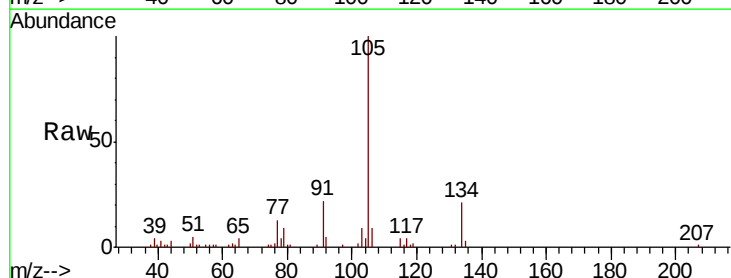
Acq: 12 Sep 2018 10:27

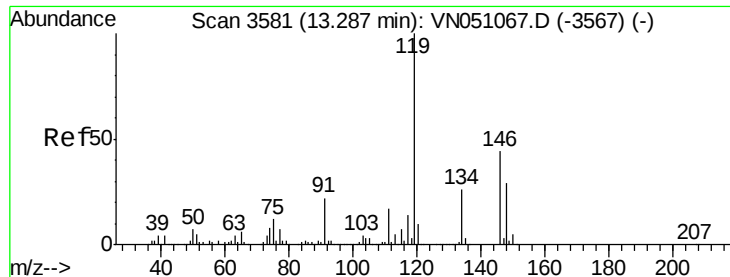
Tgt Ion:105 Resp: 46777

Ion Ratio Lower Upper

105 100

134 29.5 10.4 31.4

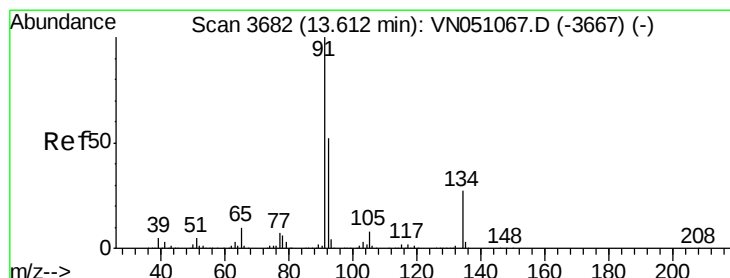
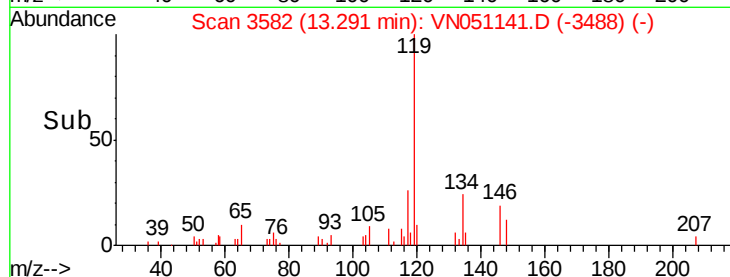
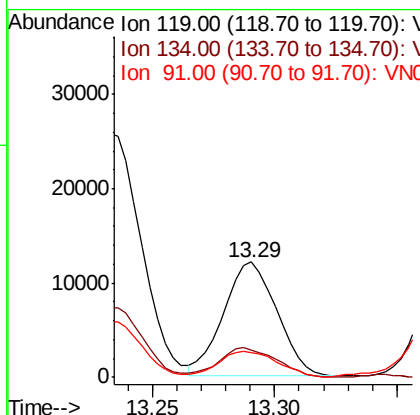
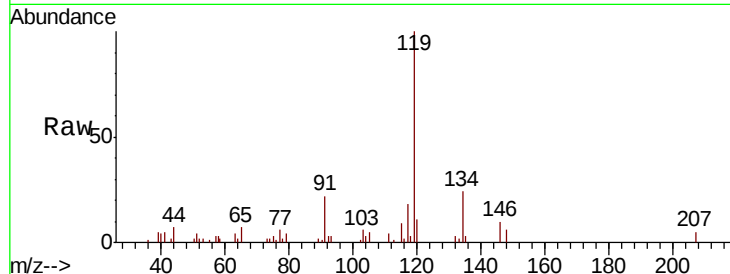




#86
 p-Isopropyltoluene
 Concen: 0.89 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051141.D
 Acq: 12 Sep 2018 10:27

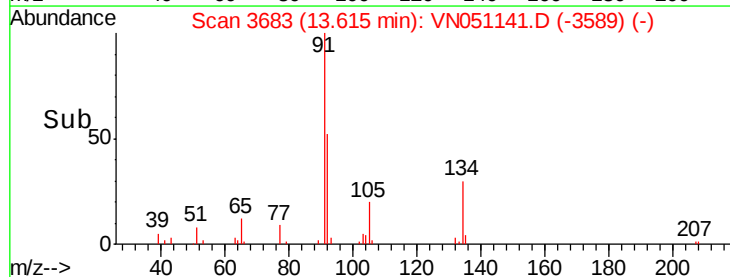
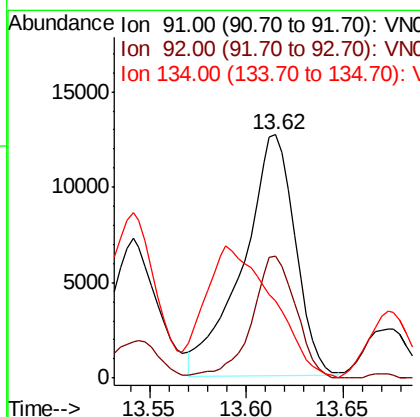
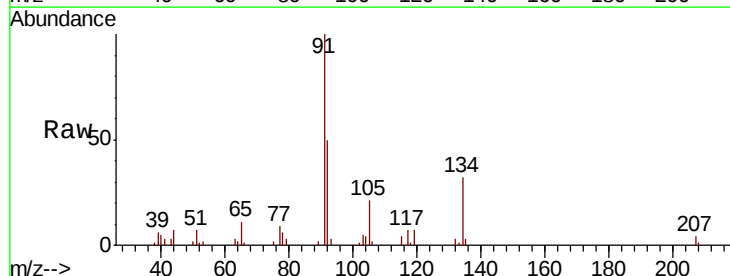
Instrument :
 MSVOA_N
 ClientSampleID :
 EP1-MW-EDL

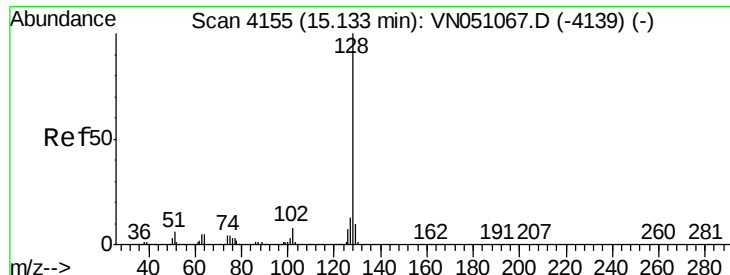
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.5	40.4
91	25.3	10.9	32.9



#89
 n-Butylbenzene
 Concen: 1.48 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051141.D
 Acq: 12 Sep 2018 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.7	26.2	78.6
134	0.0	13.7	41.1#





#95

Naphthalene

Concen: 6.22 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051141.D

Acq: 12 Sep 2018 10:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-EDL

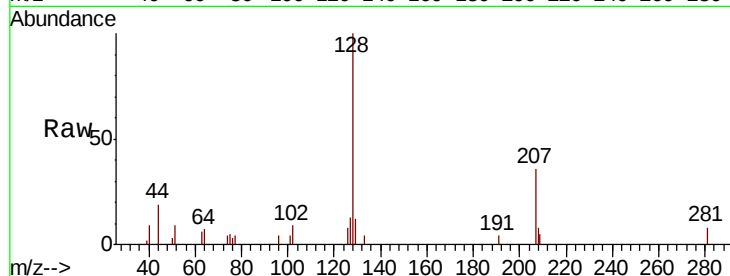
Tot Ion:128 Resp: 11744

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 12.6 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

