

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051122.D
 Acq On : 11 Sep 2018 13:09
 Operator : MD\SY
 Sample : J4849-03DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

Quant Time: Sep 12 04:40:07 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	673208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	909884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	416107	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	388381	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	7.59	113	377254	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	10.09	98	1420852	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	474621	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	

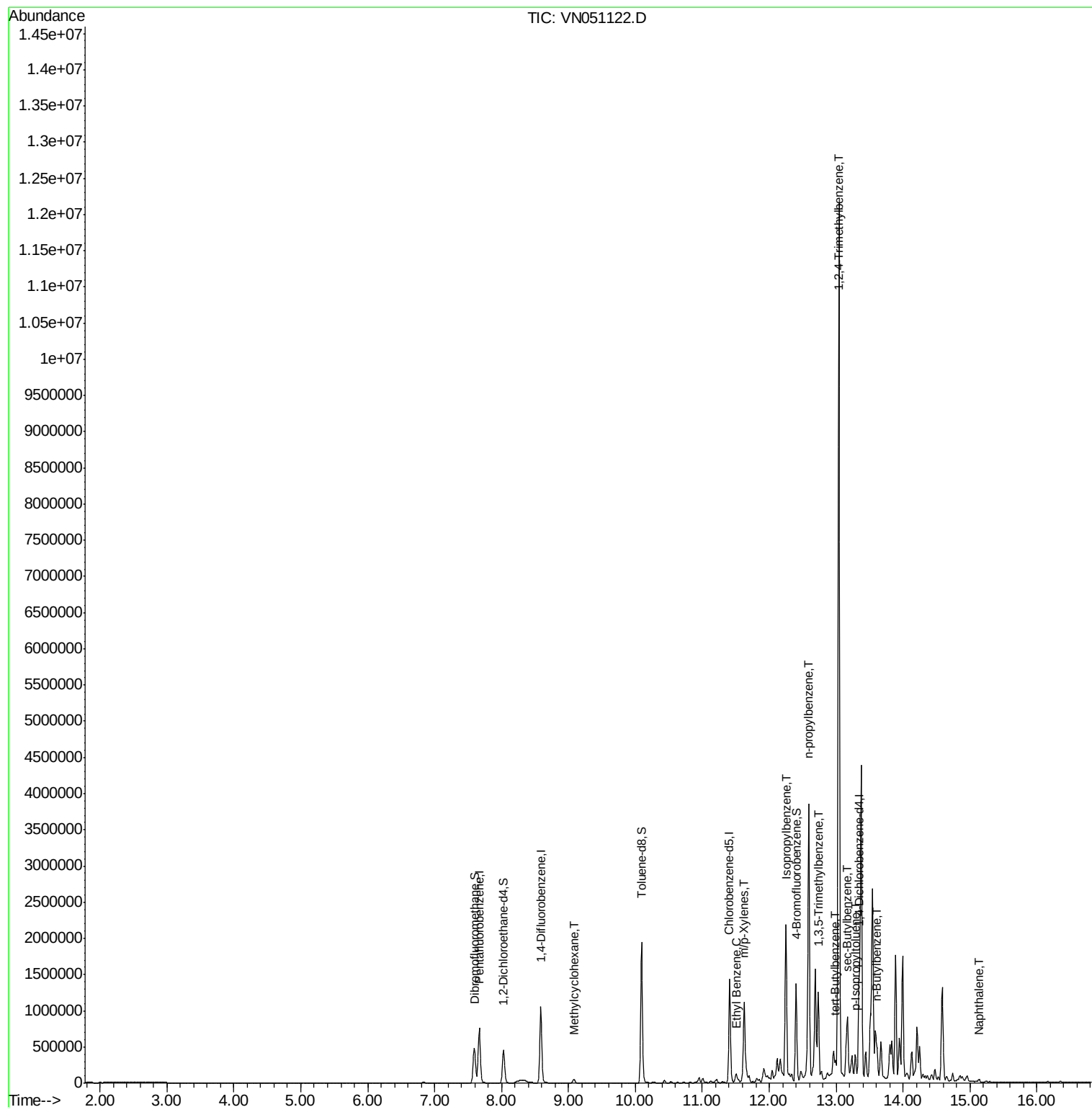
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	22032	1.78	ug/l	99
67) Ethyl Benzene	11.51	91	72071	1.94	ug/l	95
68) m/p-Xylenes	11.63	106	340836	23.88	ug/l	100
73) Isopropylbenzene	12.25	105	1481903	42.47	ug/l	99
78) n-propylbenzene	12.59	91	3166109	82.54	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	557249	19.75	ug/l	98
83) tert-Butylbenzene	12.99	119	118113	4.74	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	7144279	257.54	ug/l	100
85) sec-Butylbenzene	13.17	105	548012	17.16	ug/l #	76
86) p-Isopropyltoluene	13.29	119	163400	6.03	ug/l	99
89) n-Butylbenzene	13.61	91	276911	13.14	ug/l #	73
95) Naphthalene	15.13	128	35446	7.36	ug/l	97

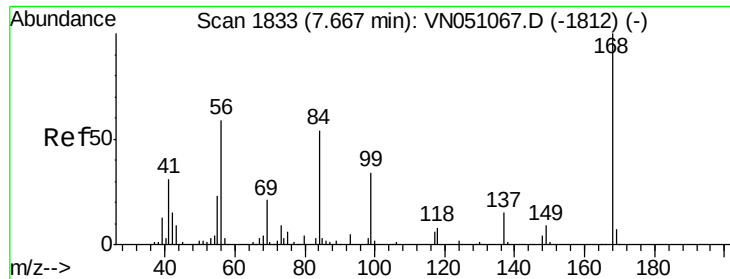
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051122.D
Acq On : 11 Sep 2018 13:09
Operator : MD\SY
Sample : J4849-03DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

Quant Time: Sep 12 04:40:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
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: VN051122.D

Acq: 11 Sep 2018 13:09

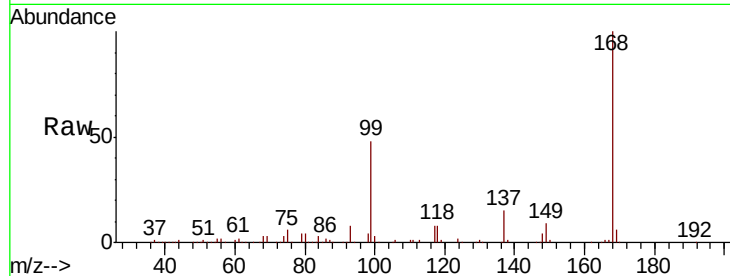
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

Tot Ion:168 Resp: 673208

Ion Ratio Lower Upper

168 100

99 48.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

150000

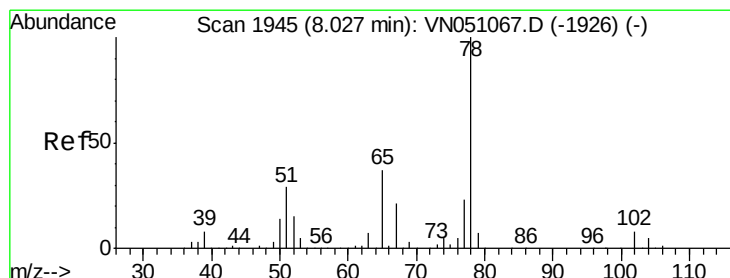
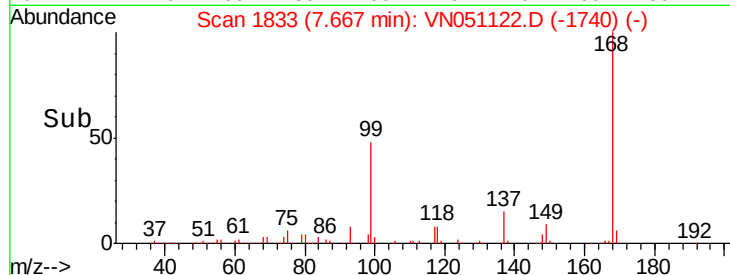
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 51.84 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051122.D

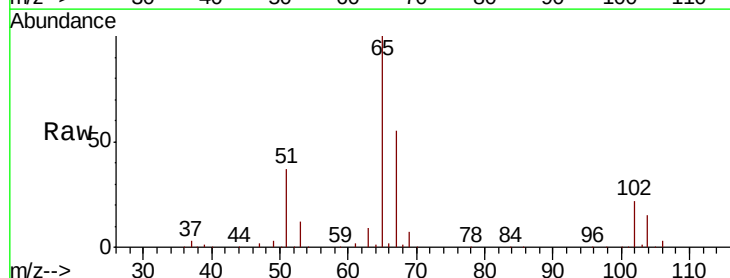
Acq: 11 Sep 2018 13:09

Tgt Ion: 65 Resp: 388381

Ion Ratio Lower Upper

65 100

67 53.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

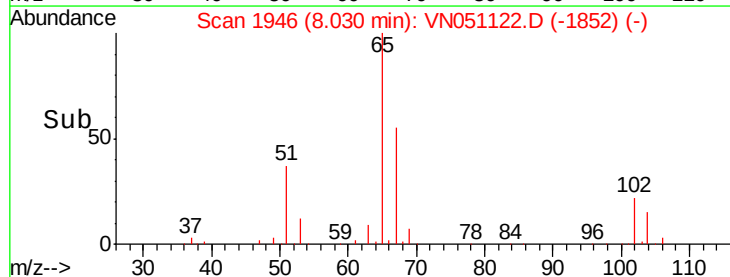
100000

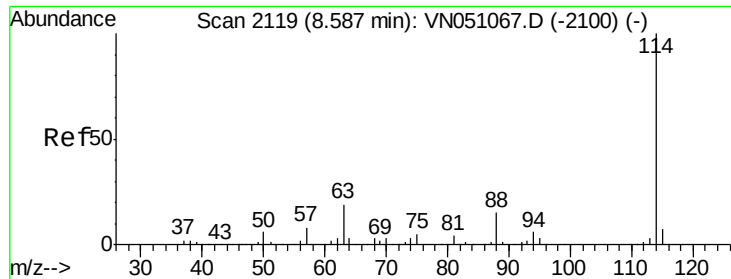
50000

0

Time-->

7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-CDL

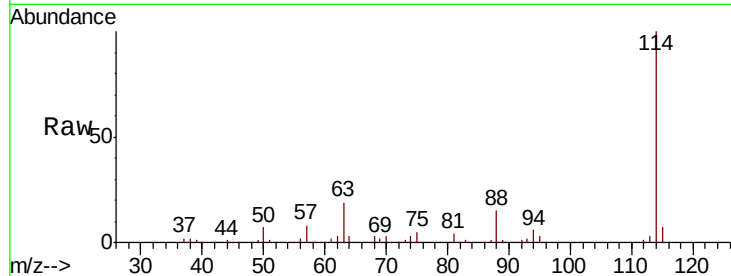
Tot Ion:114 Resp: 1019697

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

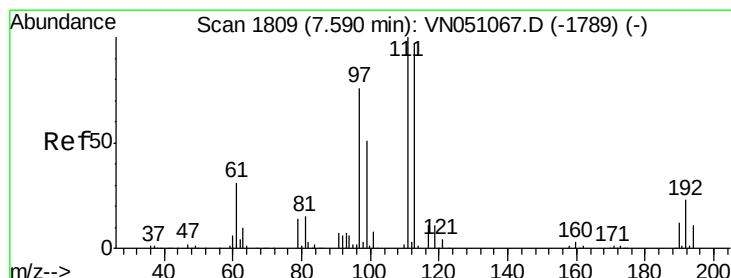
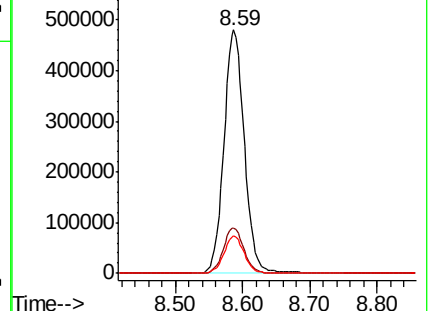
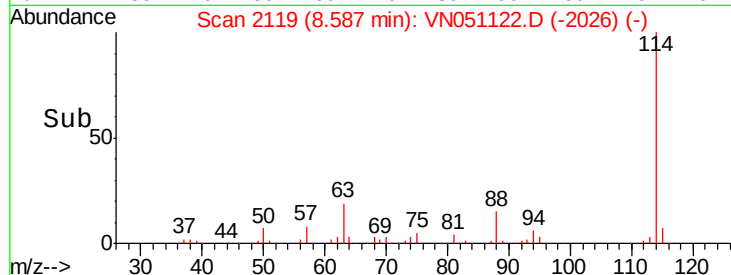
88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.24 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

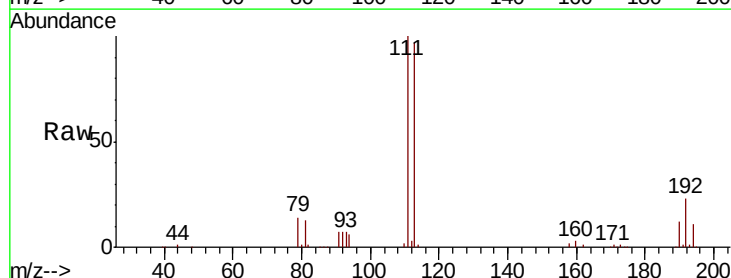
Tgt Ion:113 Resp: 377254

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

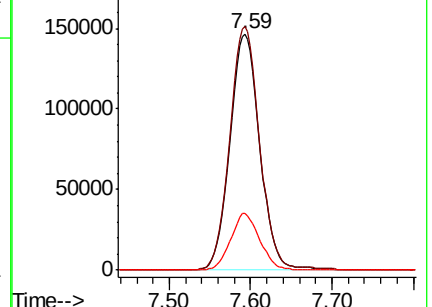
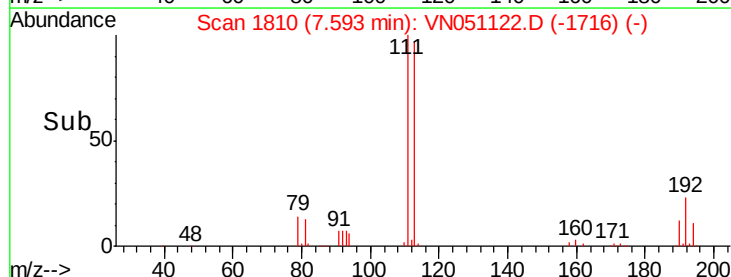
192 23.2 18.7 28.1

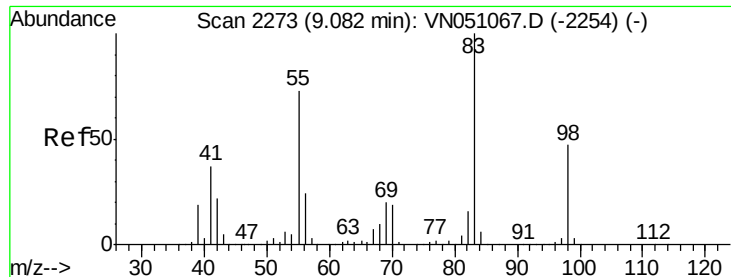


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

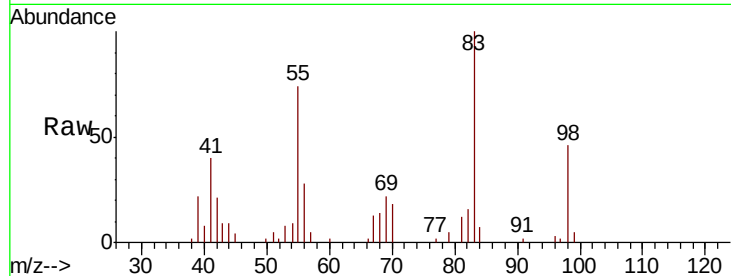




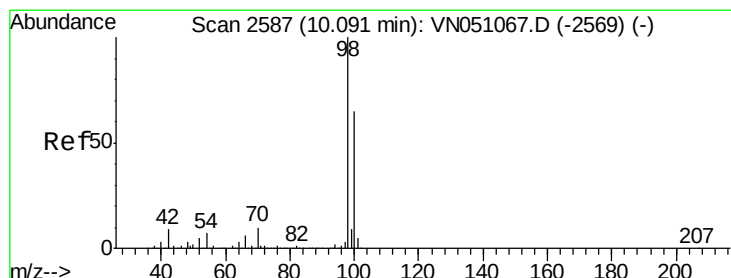
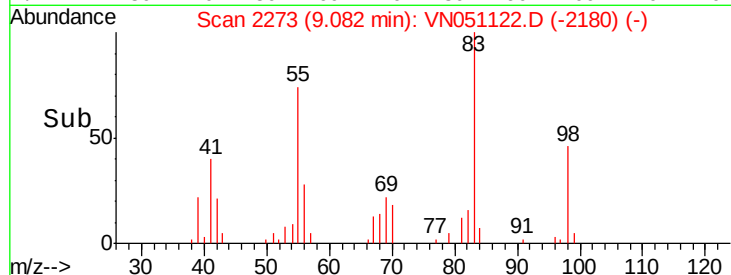
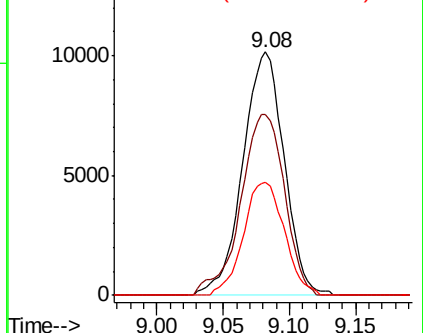
#39
Methylvlcyclohexane
Concen: 1.78 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

Tot Ion: 83 Resp: 22032
Ion Ratio Lower Upper
83 100
55 74.1 58.4 87.6
98 46.2 37.3 55.9

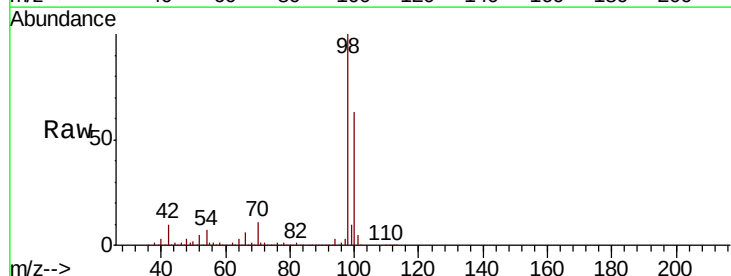


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

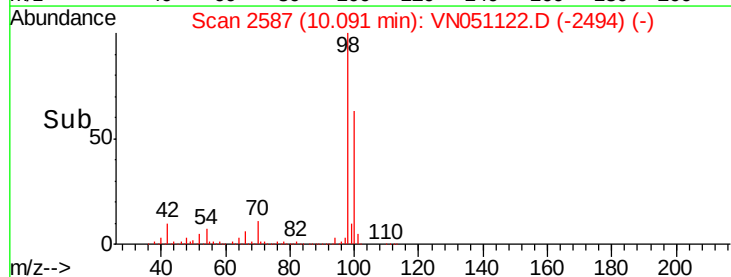
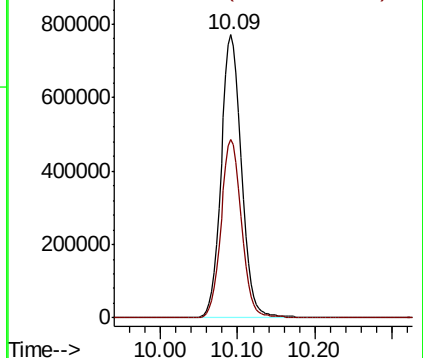


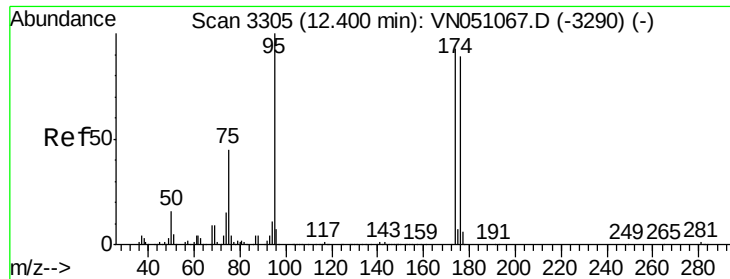
#50
Toluene-d8
Concen: 48.87 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 98 Resp: 1420852
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

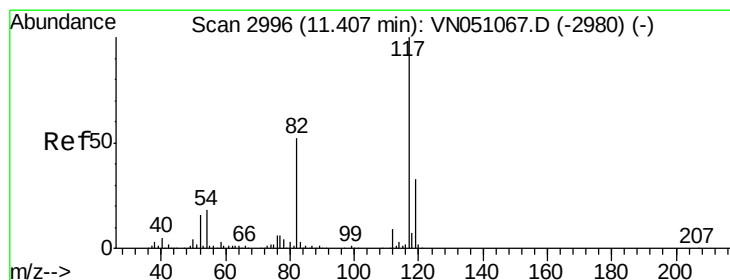
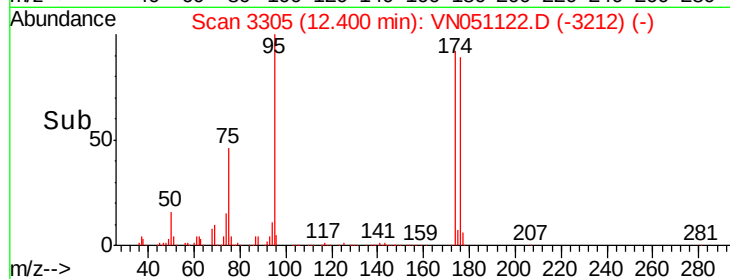
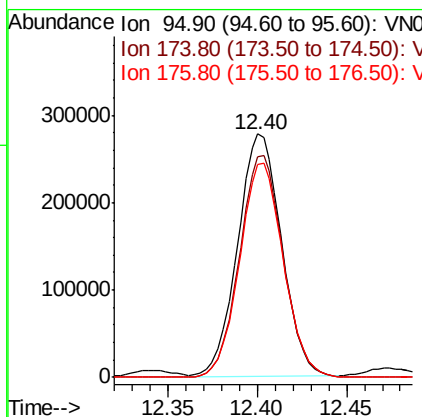
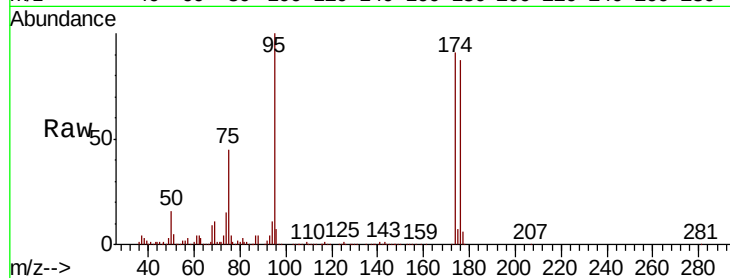




#62
4-Bromofluorobenzene
Concen: 49.35 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

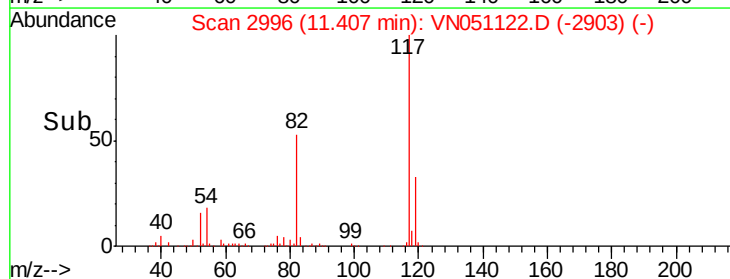
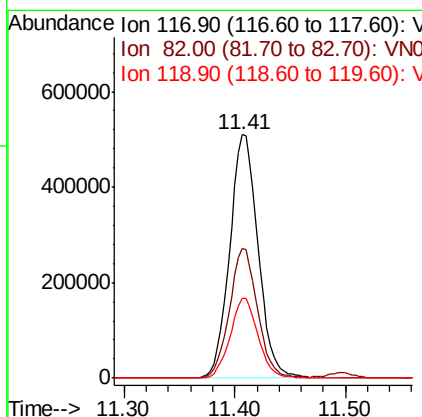
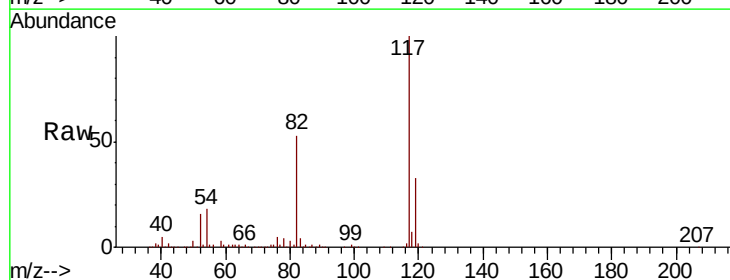
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

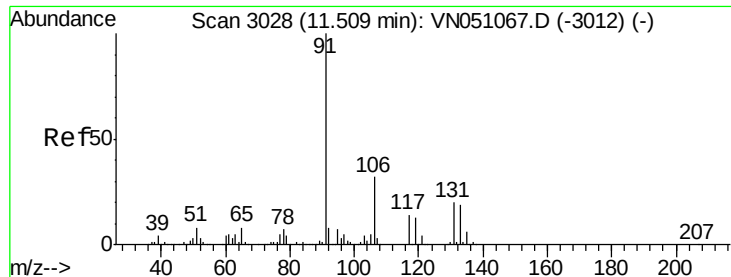
Tot Ion: 95 Resp: 474621
Ion Ratio Lower Upper
95 100
174 91.6 0.0 184.8
176 88.7 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 117 Resp: 909884
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.6 26.2 39.2

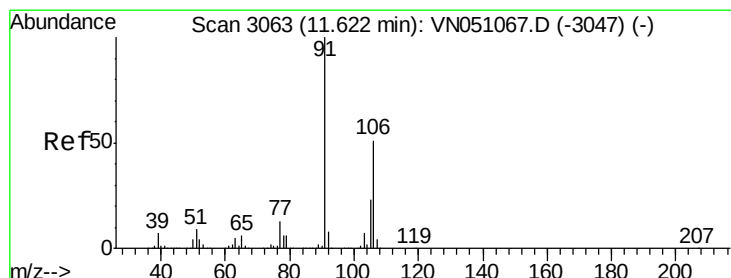
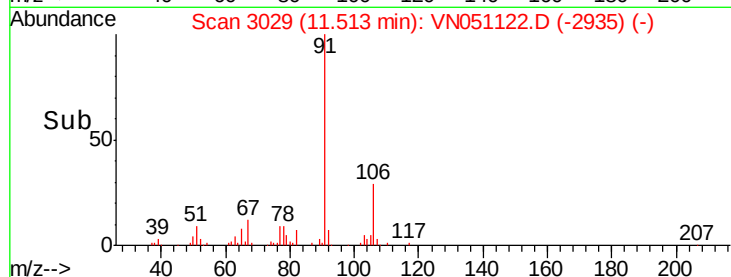
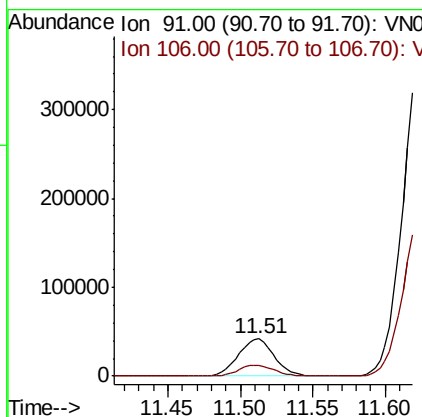
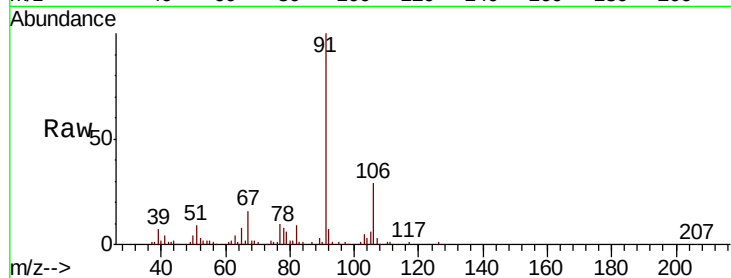




#67
Ethyl Benzene
Concen: 1.94 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

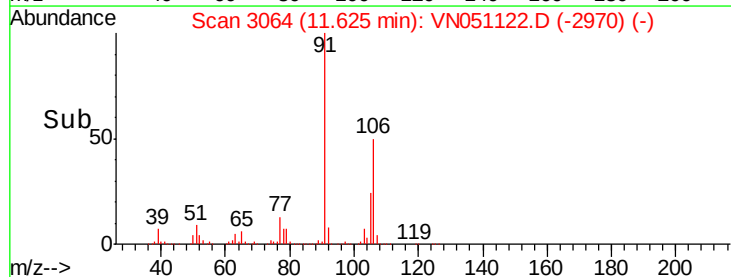
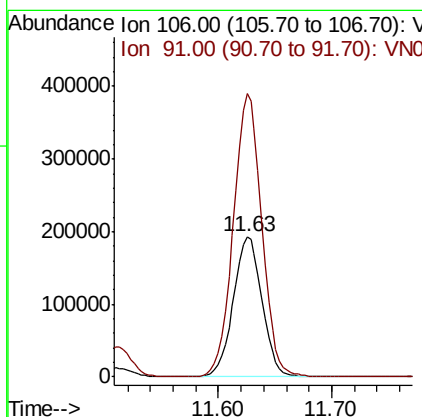
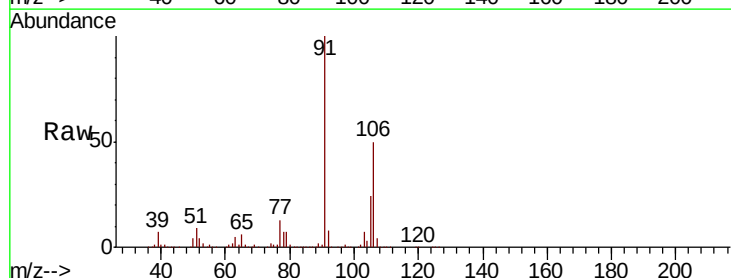
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-CDL

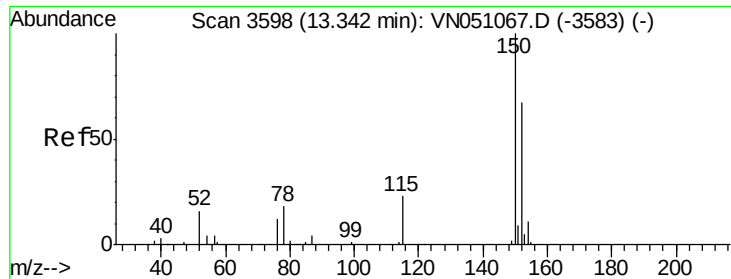
Tot Ion: 91 Resp: 72071
Ion Ratio Lower Upper
91 100
106 29.1 25.4 38.2



#68
m/p-Xylenes
Concen: 23.88 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 106 Resp: 340836
Ion Ratio Lower Upper
106 100
91 200.0 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-CDL

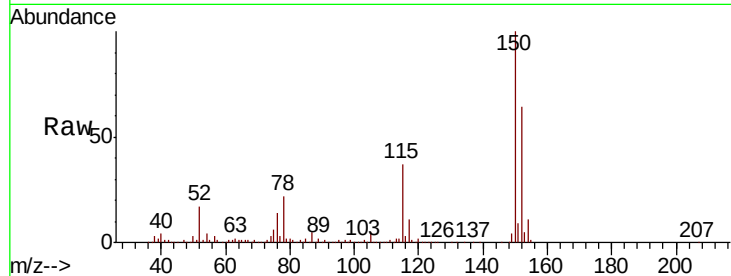
Tot Ion:152 Resp: 416107

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

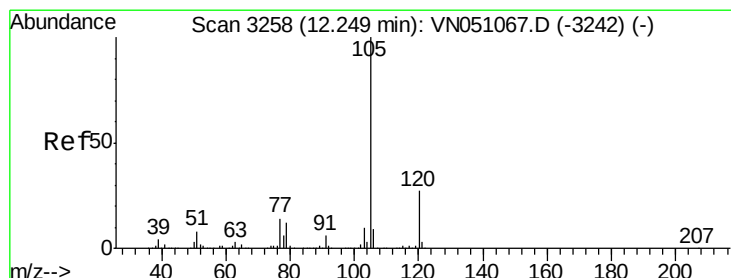
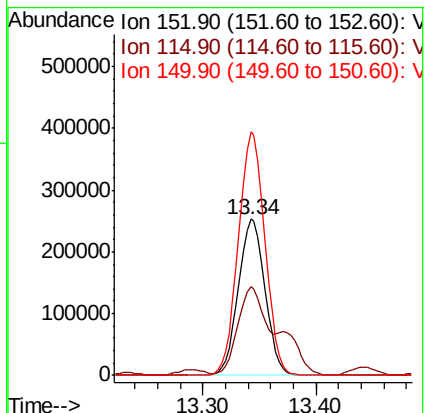
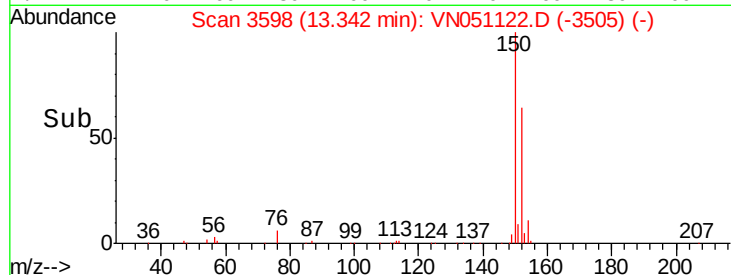
150 155.0 0.0 349.0



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: 42.47 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051122.D

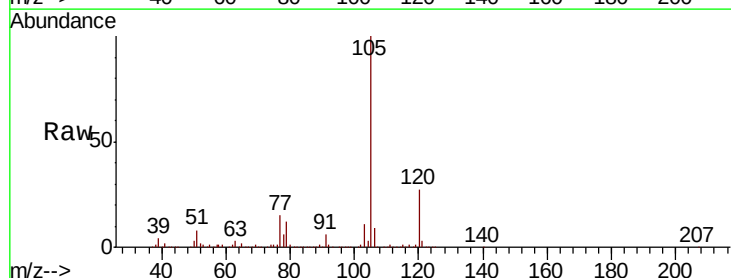
Acq: 11 Sep 2018 13:09

Tgt Ion:105 Resp: 1481903

Ion Ratio Lower Upper

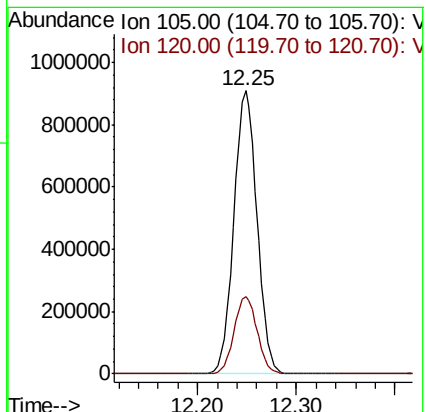
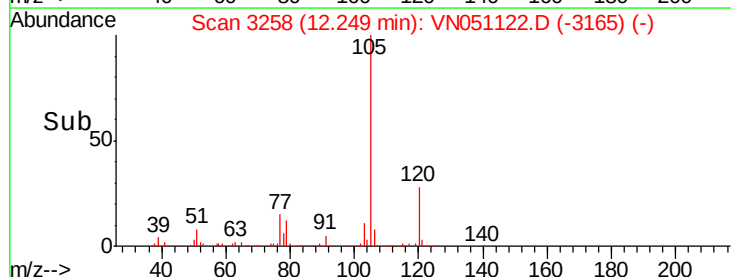
105 100

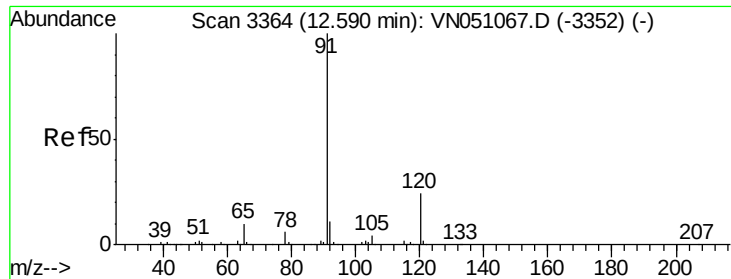
120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 82.54 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

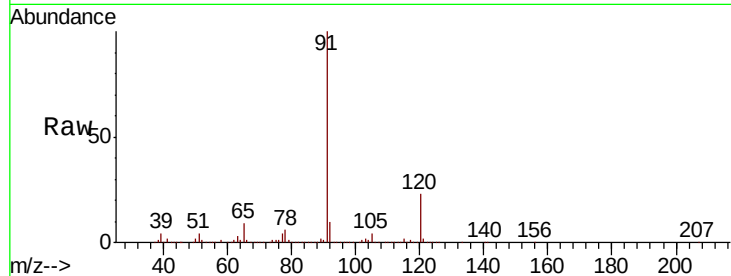
EP1-MW-CDL

Tot Ion: 91 Resp: 3166109

Ion Ratio Lower Upper

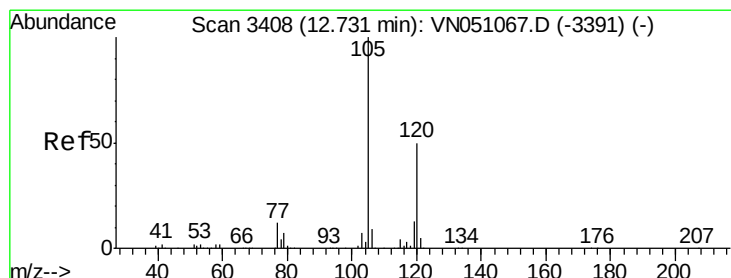
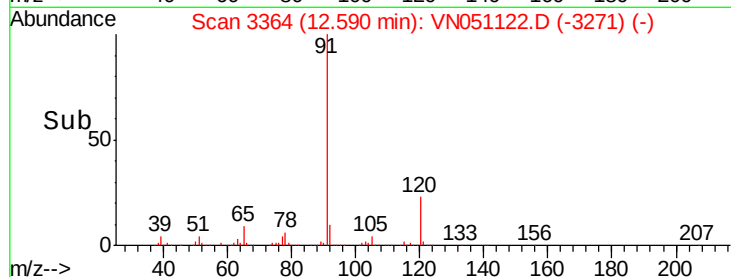
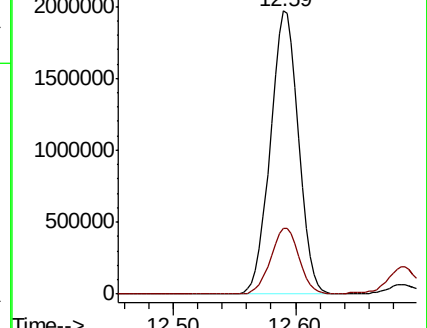
91 100

120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.75 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051122.D

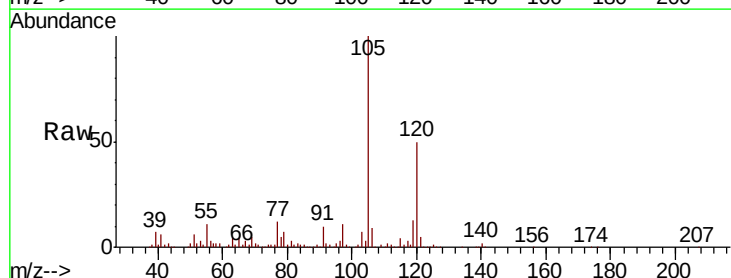
Acq: 11 Sep 2018 13:09

Tgt Ion:105 Resp: 557249

Ion Ratio Lower Upper

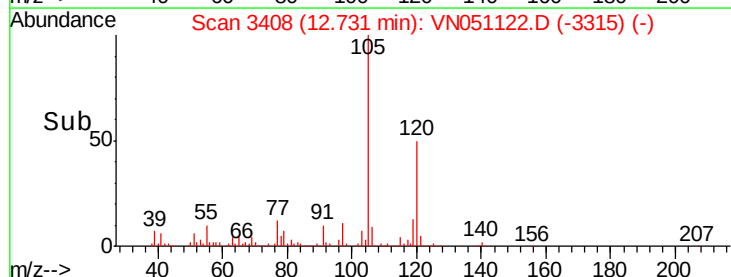
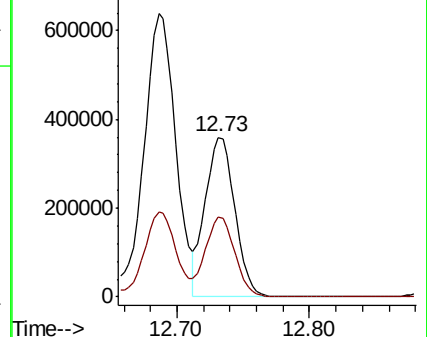
105 100

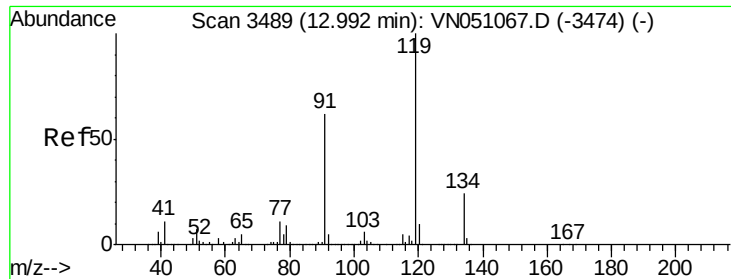
120 51.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)

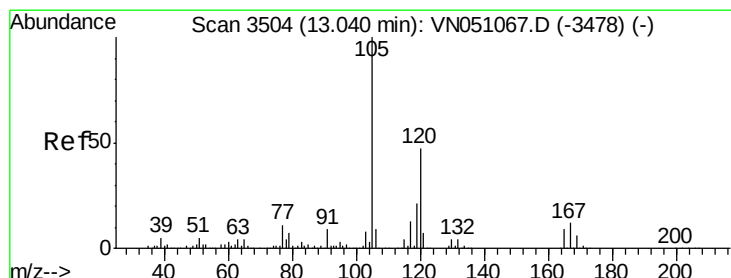
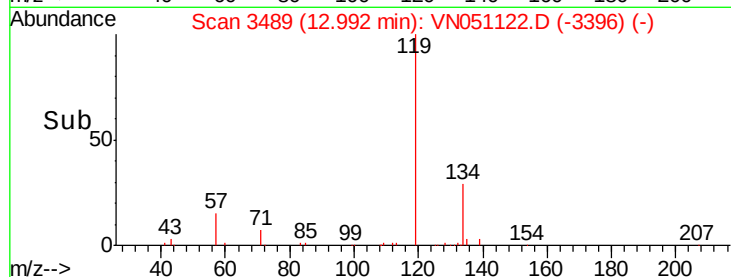
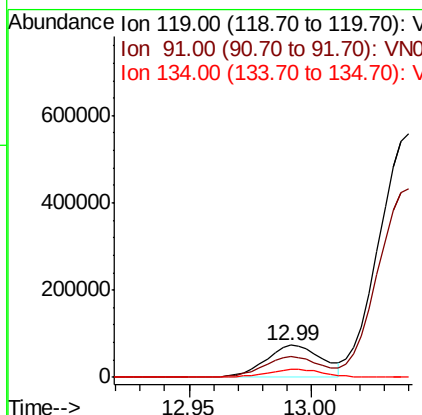
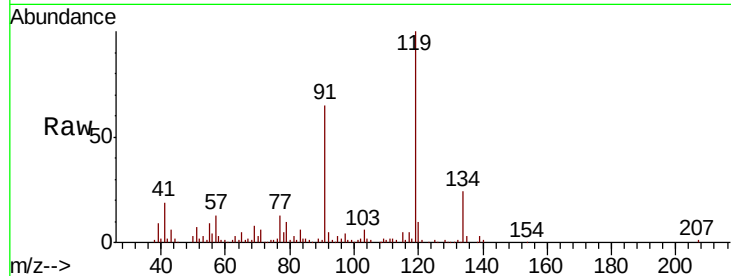




#83
 tert-Butylbenzene
 Concen: 4.74 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

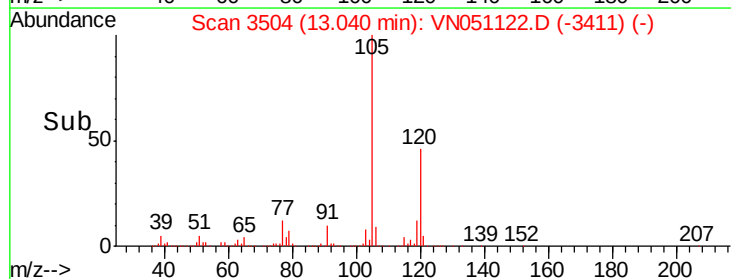
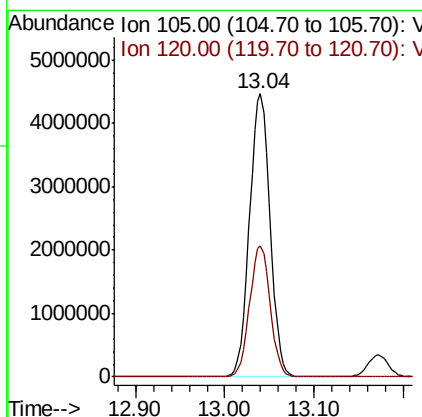
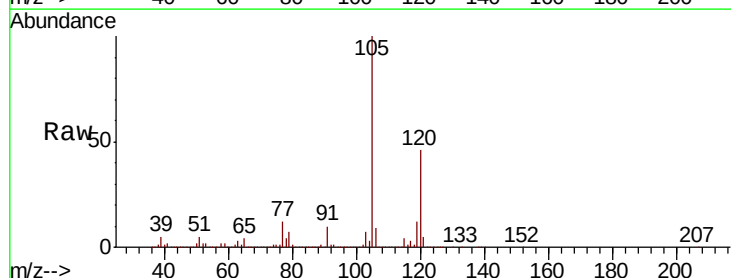
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

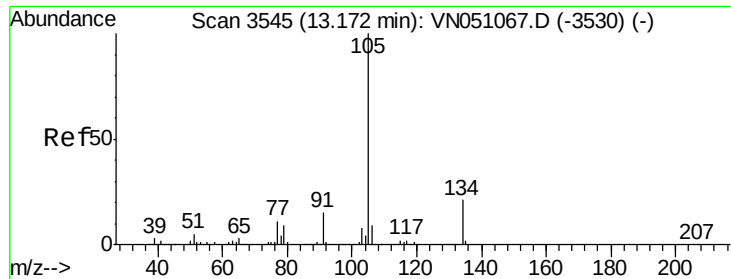
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	30.8	92.3
134	24.9	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 257.54 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.3	69.8





#85

sec-Butylbenzene

Concen: 17.16 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampleId :

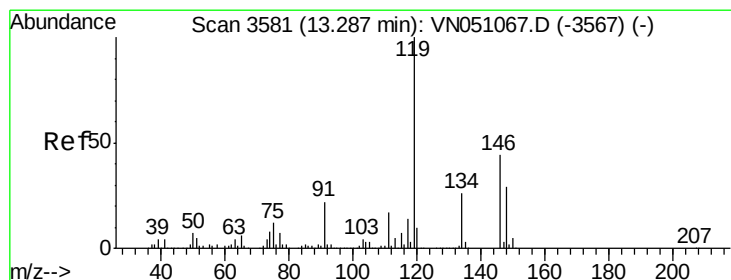
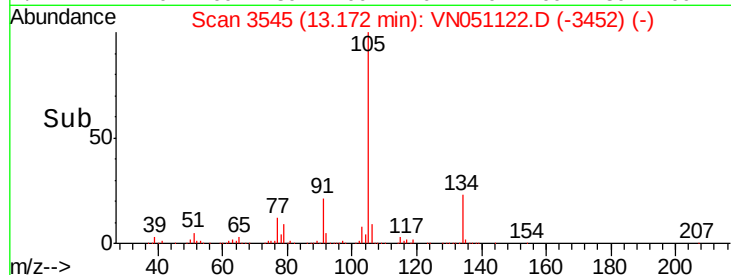
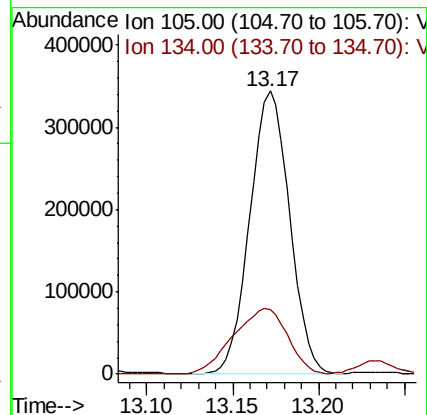
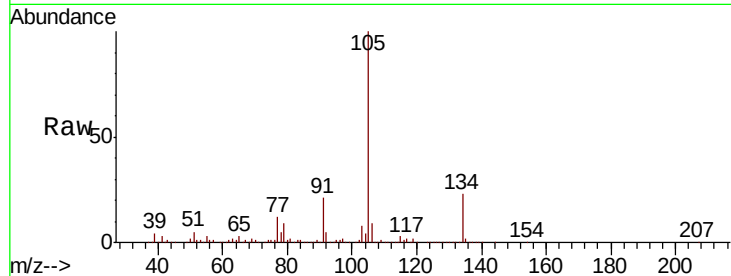
EP1-MW-CDL

Tot Ion:105 Resp: 548012

Ion Ratio Lower Upper

105 100

134 32.1 10.4 31.4#



#86

p-Isopropyltoluene

Concen: 6.03 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

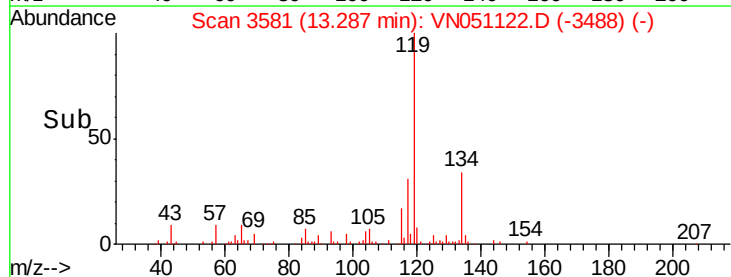
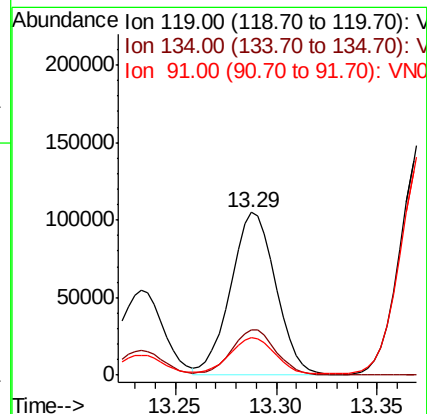
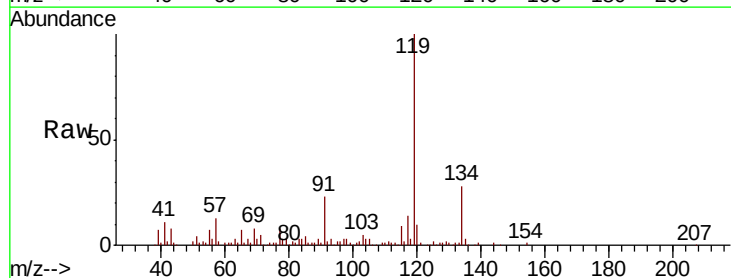
Tgt Ion:119 Resp: 163400

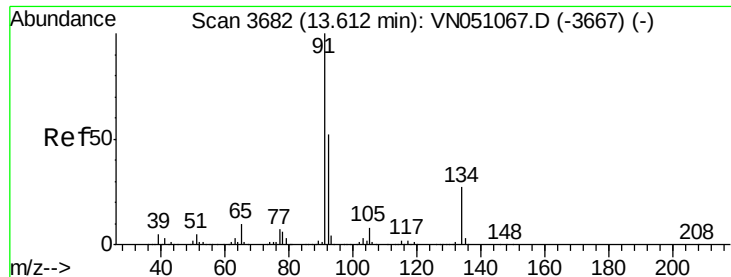
Ion Ratio Lower Upper

119 100

134 27.6 13.5 40.4

91 22.2 10.9 32.9





#89

n-Butylbenzene

Concen: 13.14 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-CDL

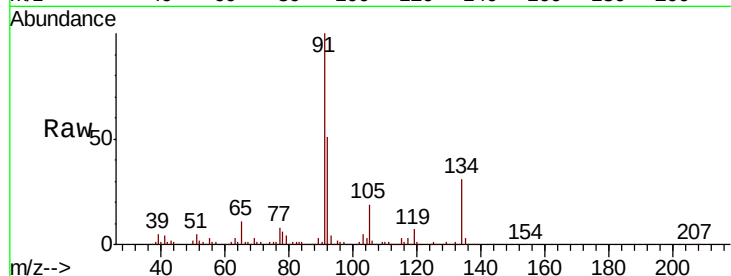
Tot Ion: 91 Resp: 276911

Ion Ratio Lower Upper

91 100

92 42.5 26.2 78.6

134 0.0 13.7 41.1#

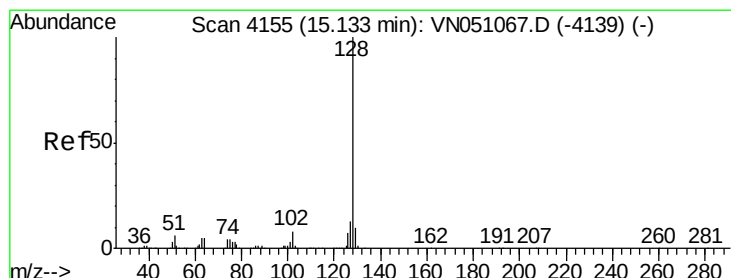
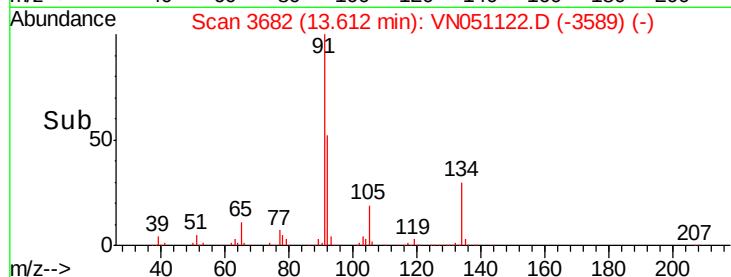
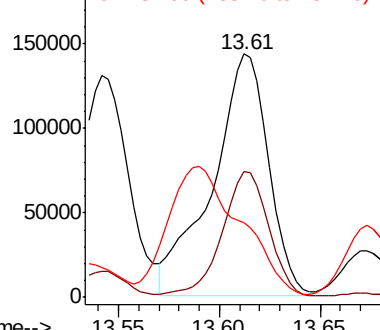


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#95

Naphthalene

Concen: 7.36 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

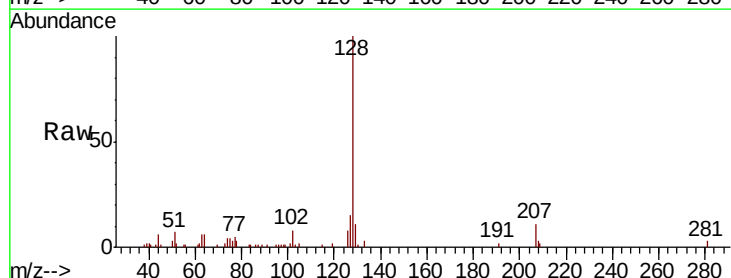
Tgt Ion: 128 Resp: 35446

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 12.0 8.6 12.8



Abundance

Ion 128.00 (127.70 to 128.70): VN0

Ion 127.00 (126.70 to 127.70): VN0

Ion 129.00 (128.70 to 129.70): VN0

