

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051787.D
 Acq On : 10 Oct 2018 13:41
 Operator : MD\SY
 Sample : J5165-18 10X
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-A(8-12)

Quant Time: Oct 11 02:33:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

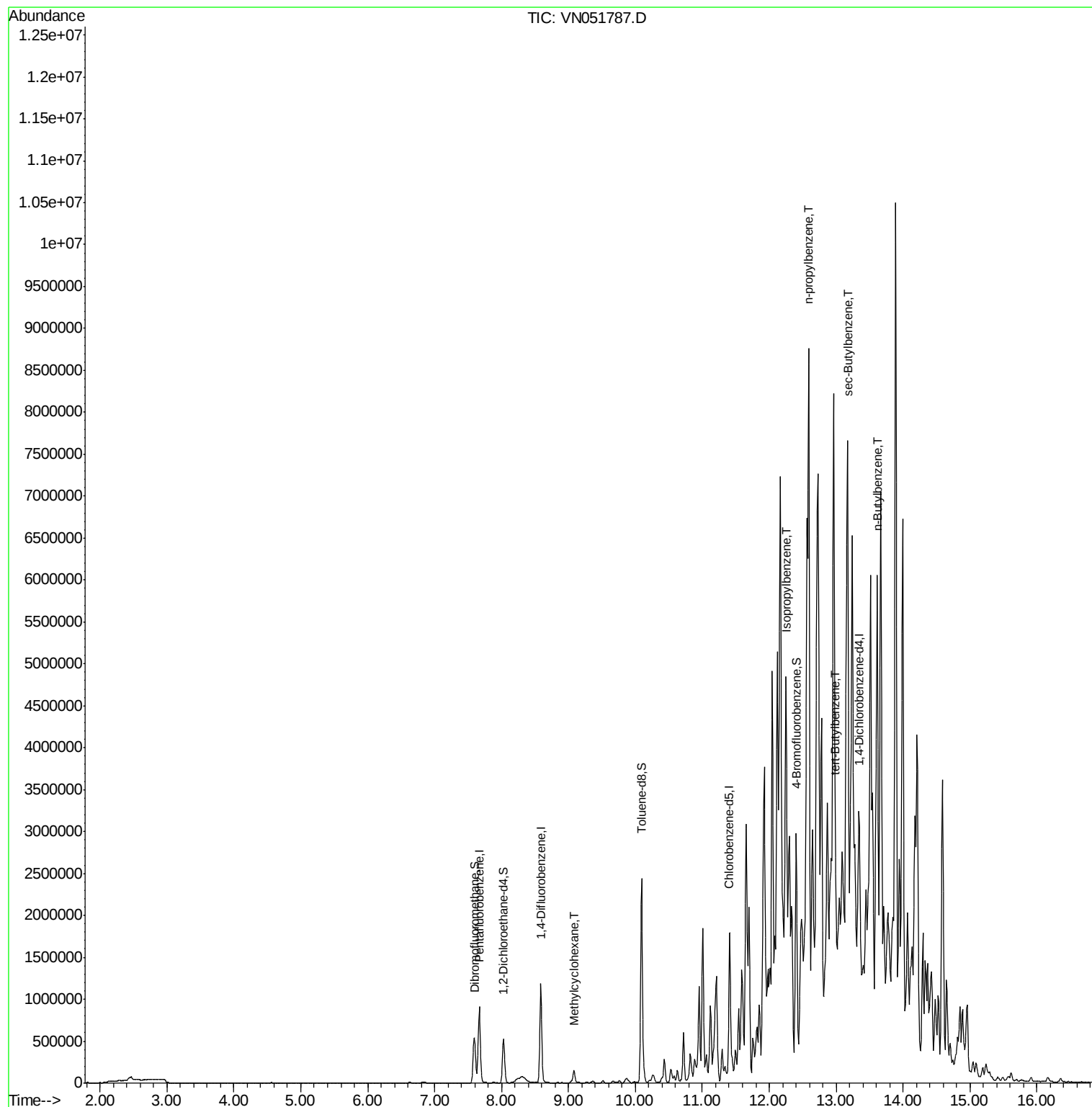
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	775244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1112721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	651059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	449006	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	
35) Dibromofluoromethane	7.59	113	412108	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.09	98	1602582	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	691729	60.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.78%	
Target Compounds						
39) Methylcyclohexane	9.08	83	68905	4.720	ug/l	98
73) Isopropylbenzene	12.25	105	2312221	41.663	ug/l	99
78) n-propylbenzene	12.59	91	6474225	106.953	ug/l	100
83) tert-Butylbenzene	12.99	119	453230	10.815	ug/l	98
85) sec-Butylbenzene	13.17	105	3591107	64.779	ug/l #	74
89) n-Butylbenzene	13.62	91	2894983	74.503	ug/l	90

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

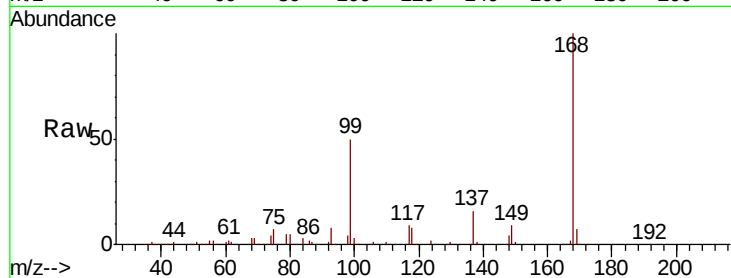
EP1-MW-A(8-12)

Tot Ion:168 Resp: 775244

Ion Ratio Lower Upper

168 100

99 49.9 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

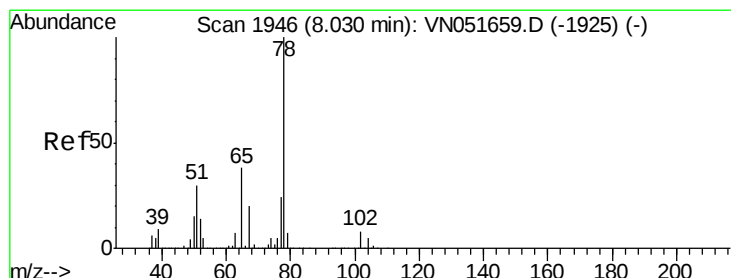
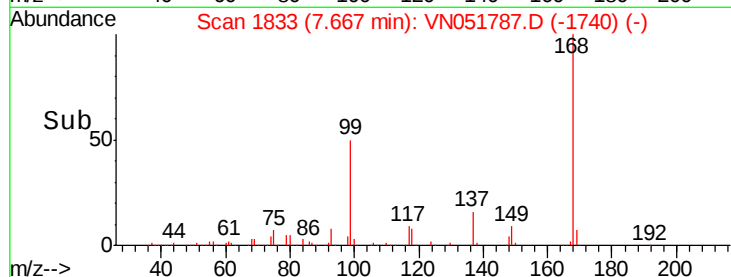
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051787.D

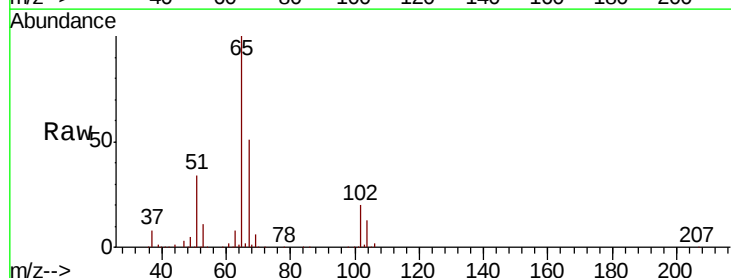
Acq: 10 Oct 2018 13:41

Tgt Ion: 65 Resp: 449006

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

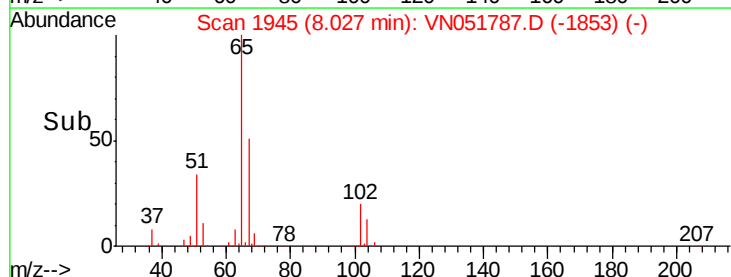
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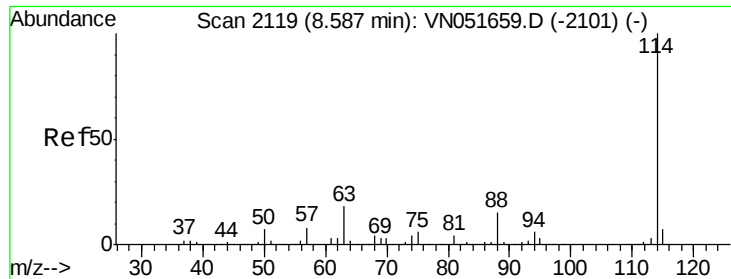
50000

0

7.90 8.00 8.10 8.20

Time-->

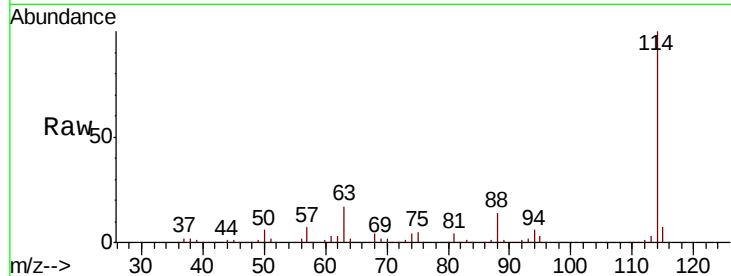




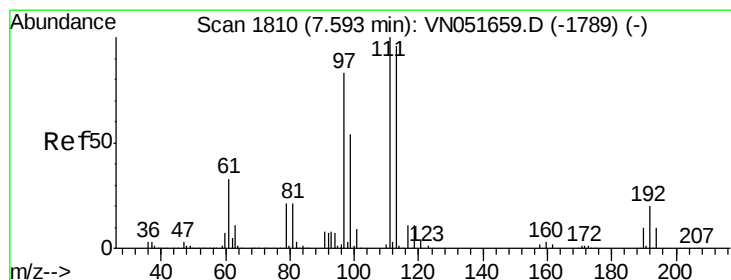
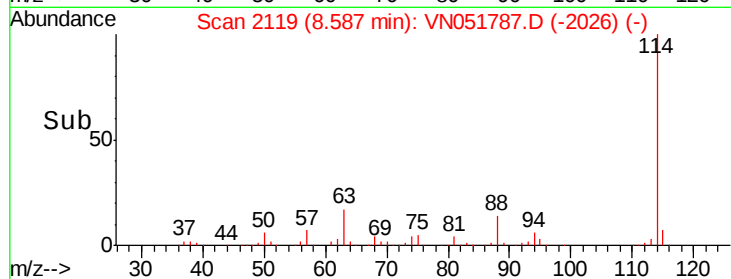
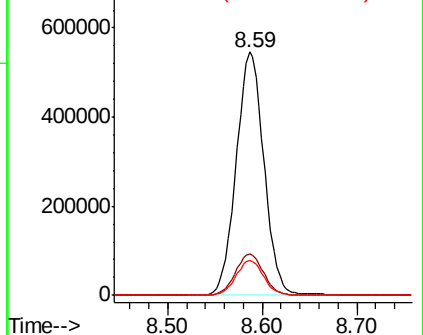
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-A(8-12)

Tot Ion:114 Resp: 1112721
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.2
 88 14.3 0.0 30.2

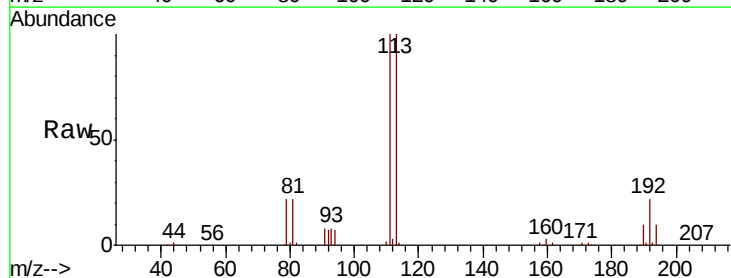


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

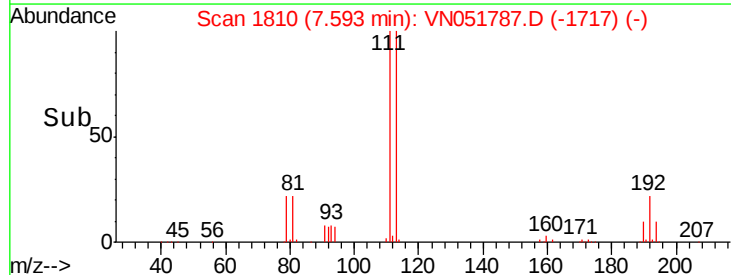
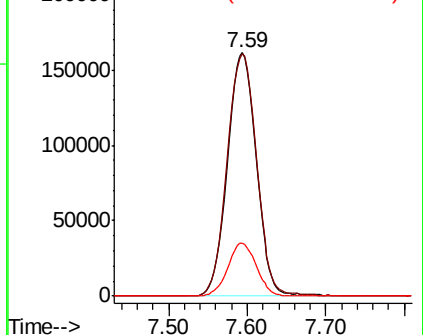


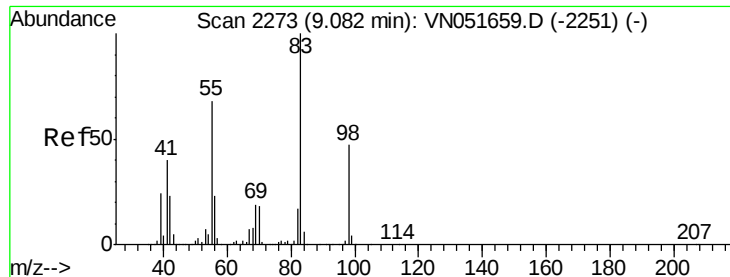
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

Tgt Ion:113 Resp: 412108
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 21.5 16.5 24.7



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

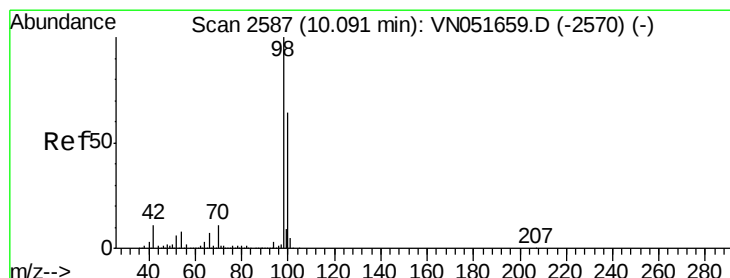
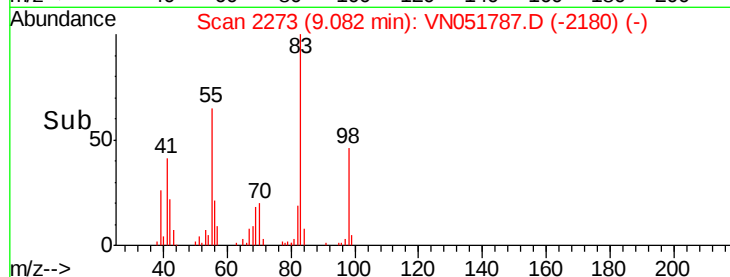
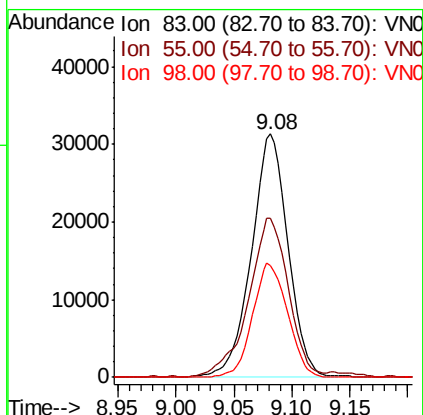
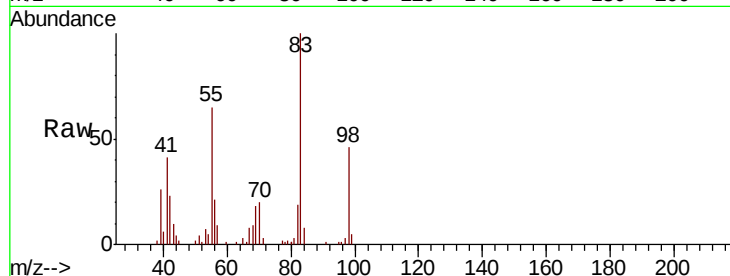




#39
Methylcyclohexane
Concen: 4.720 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

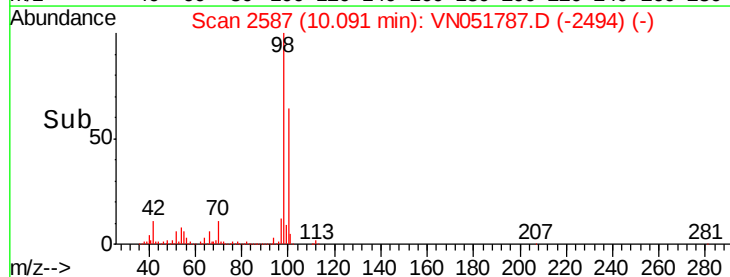
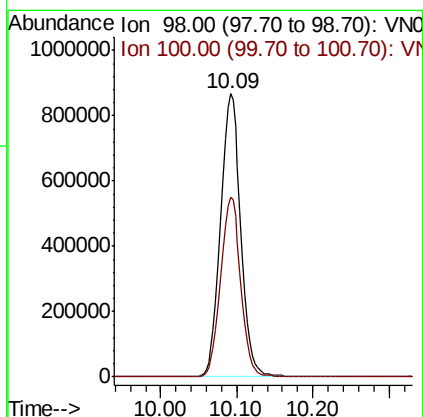
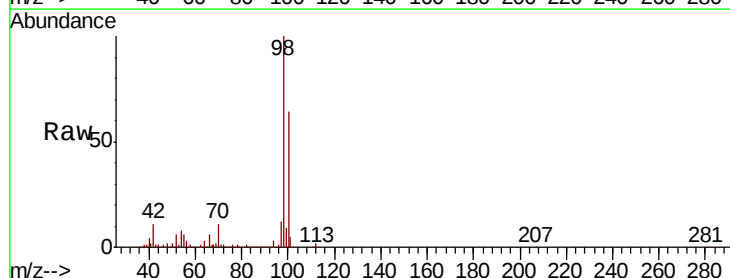
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-A(8-12)

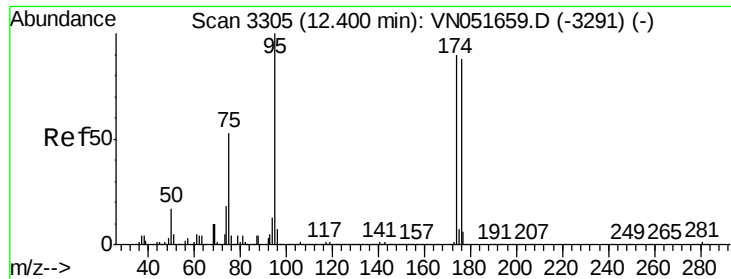
Tot Ion: 83 Resp: 68905
Ion Ratio Lower Upper
83 100
55 65.4 54.3 81.5
98 45.9 37.4 56.2



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 98 Resp: 1602582
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3

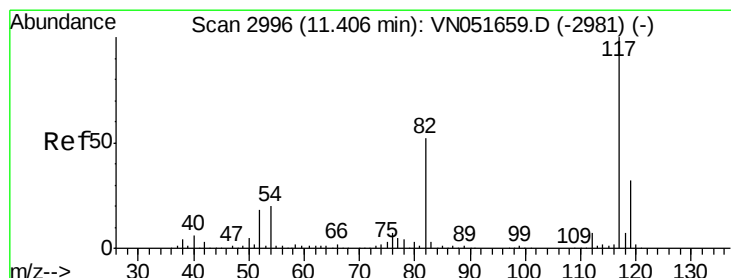
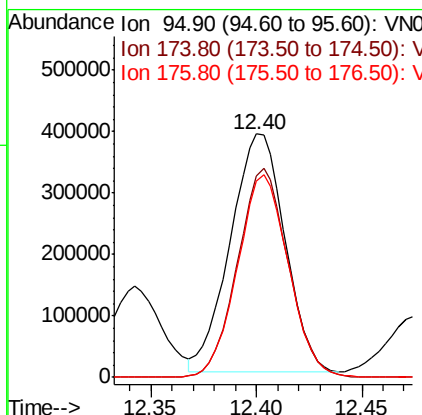
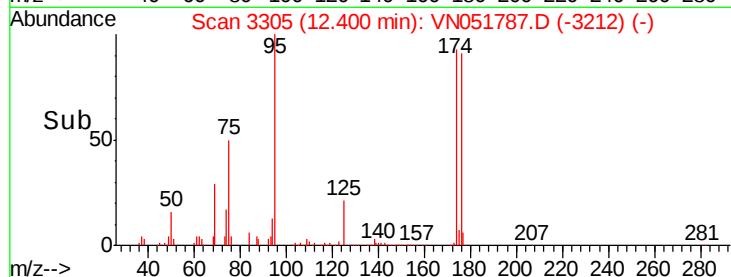
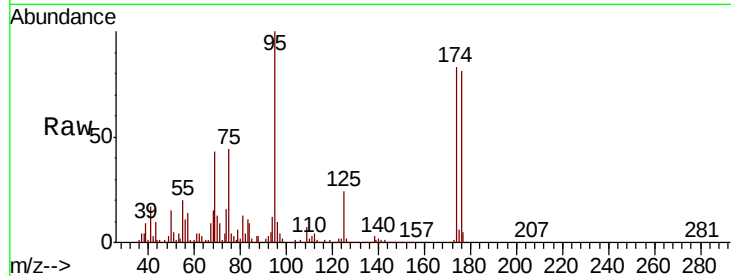




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

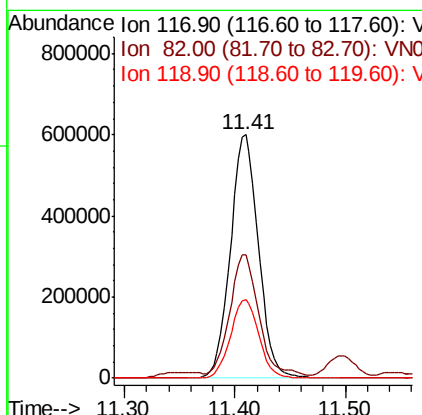
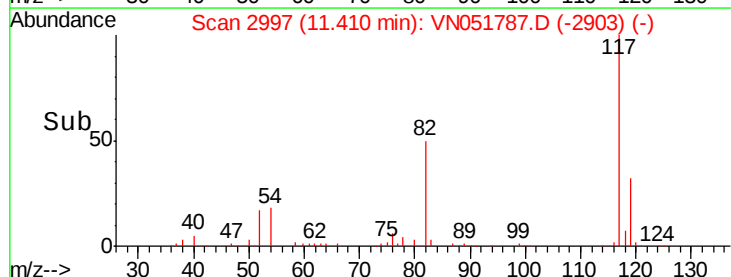
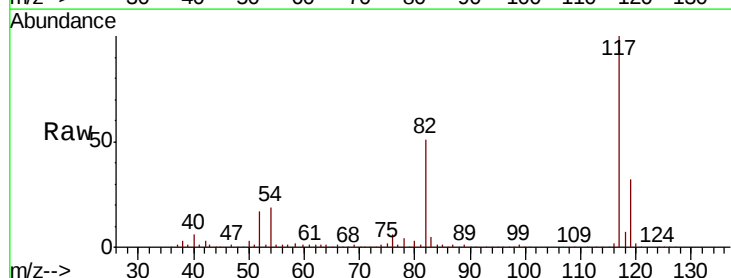
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-A(8-12)

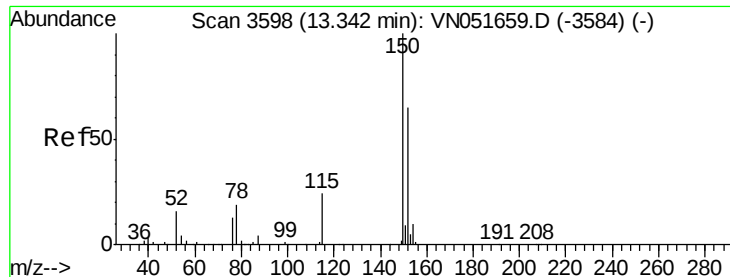
Tot Ion: 95 Resp: 691729
Ion Ratio Lower Upper
95 100
174 82.1 0.0 182.8
176 80.1 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 117 Resp: 1057153
Ion Ratio Lower Upper
117 100
82 48.3 41.3 61.9
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-A(8-12)

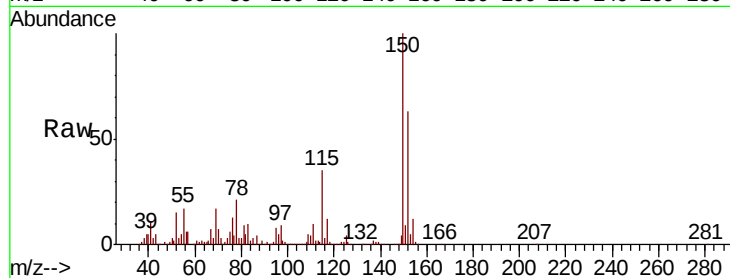
Tot Ion:152 Resp: 651059

Ion Ratio Lower Upper

152 100

115 53.2 28.6 85.8

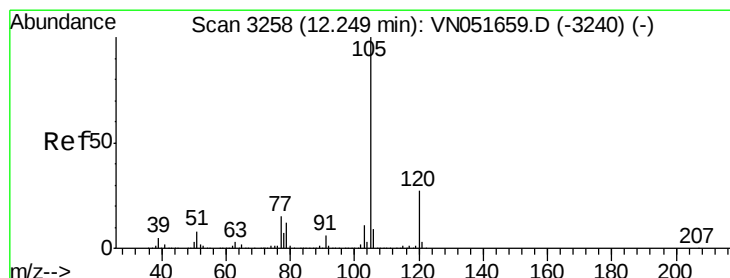
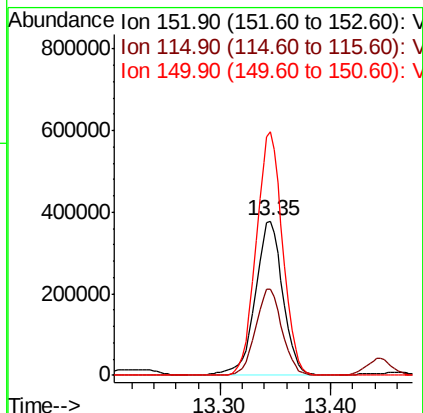
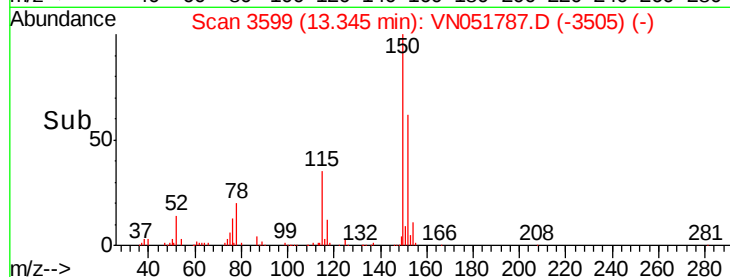
150 150.9 0.0 352.4



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: 41.663 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051787.D

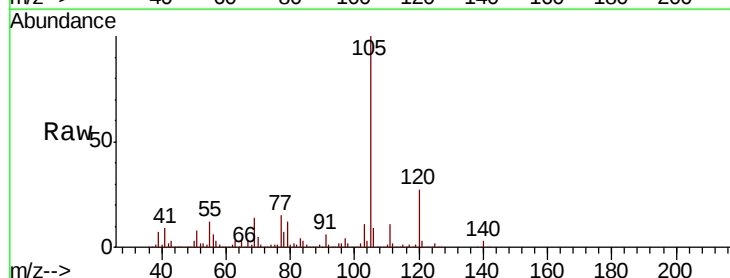
Acq: 10 Oct 2018 13:41

Tgt Ion:105 Resp: 2312221

Ion Ratio Lower Upper

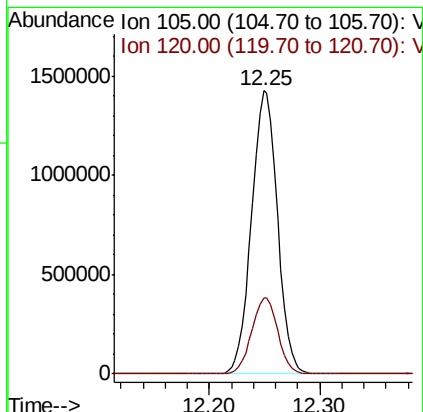
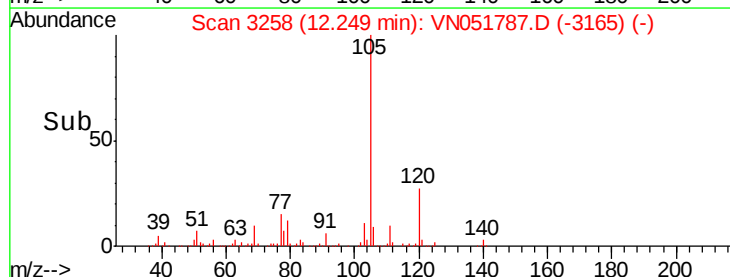
105 100

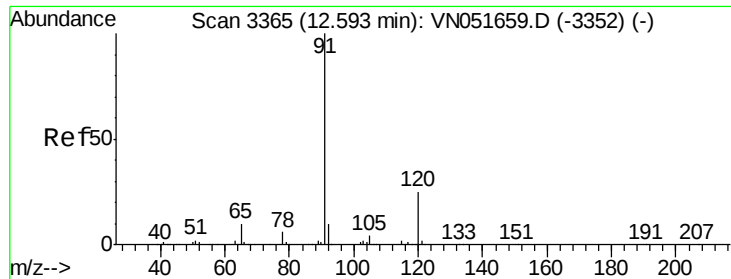
120 27.2 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 106.953 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

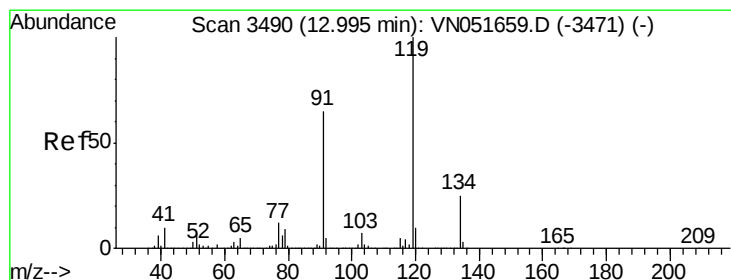
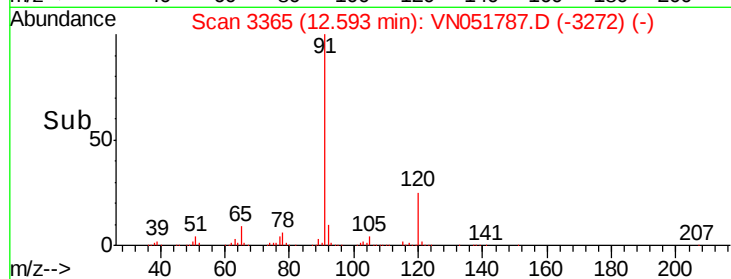
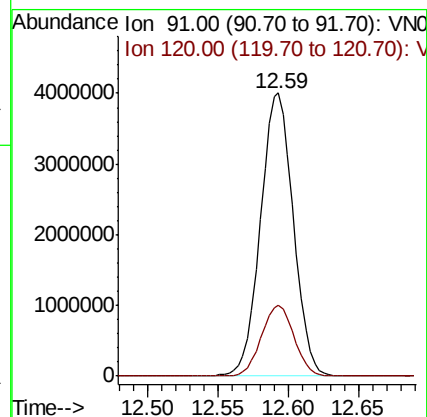
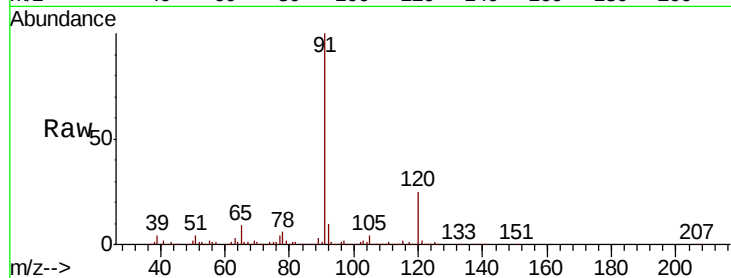
EP1-MW-A(8-12)

Tot Ion: 91 Resp: 6474225

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.2



#83

tert-Butylbenzene

Concen: 10.815 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

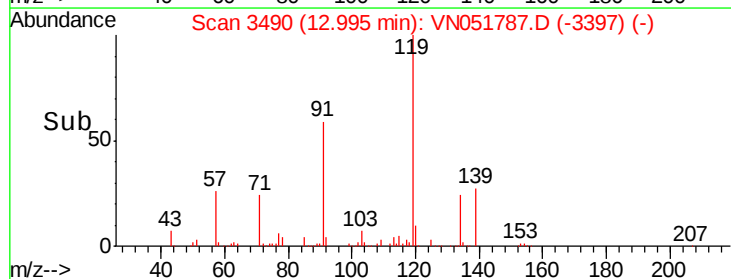
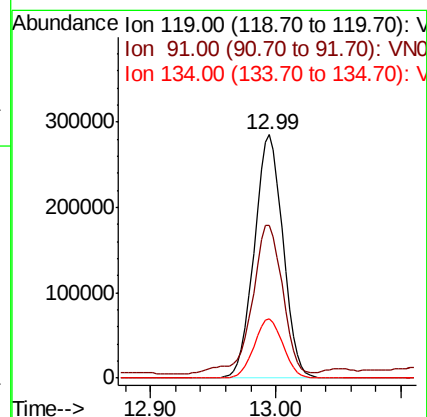
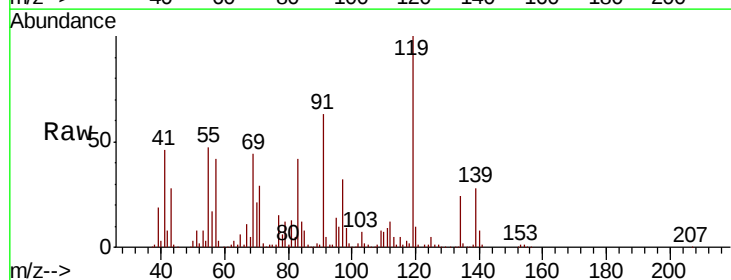
Tgt Ion: 119 Resp: 453230

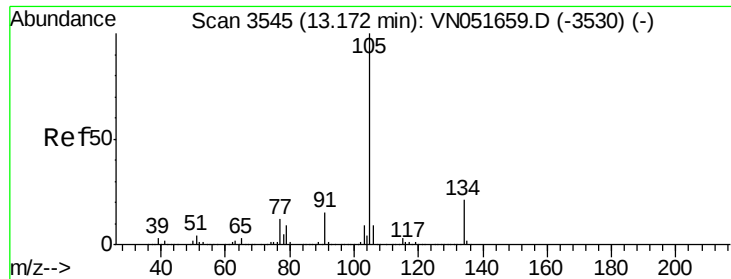
Ion Ratio Lower Upper

119 100

91 65.5 32.1 96.5

134 24.3 13.3 39.9





#85

sec-Butylbenzene

Concen: 64.779 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

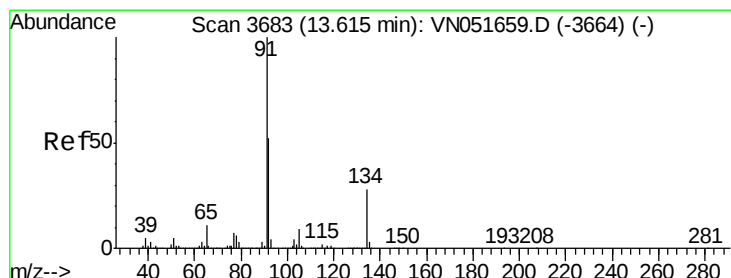
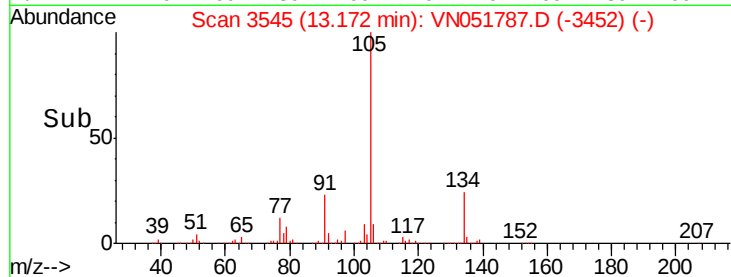
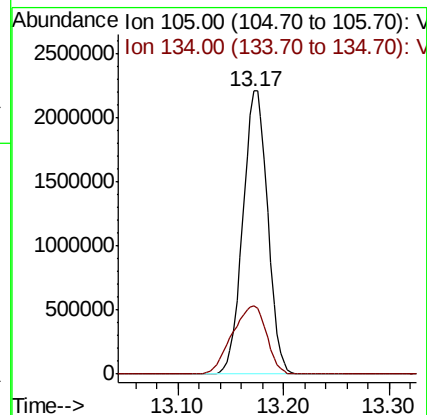
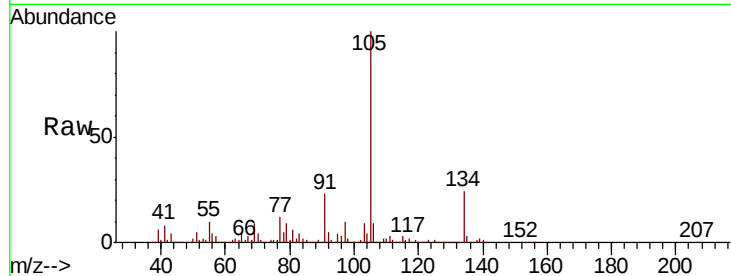
EP1-MW-A(8-12)

Tot Ion:105 Resp: 3591107

Ion Ratio Lower Upper

105 100

134 33.4 10.5 31.6#



#89

n-Butylbenzene

Concen: 74.503 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Tgt Ion: 91 Resp: 2894983

Ion Ratio Lower Upper

91 100

92 49.5 26.0 78.0

134 40.1 14.2 42.6

