

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051085.D
 Acq On : 10 Sep 2018 18:13
 Operator : MD\SY
 Sample : J4693-20ME
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(7-10)ME

Quant Time: Sep 11 05:59:17 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	7.66	168	639900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	958830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	437867	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	370900	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	7.59	113	357325	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1359095	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	496971	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	

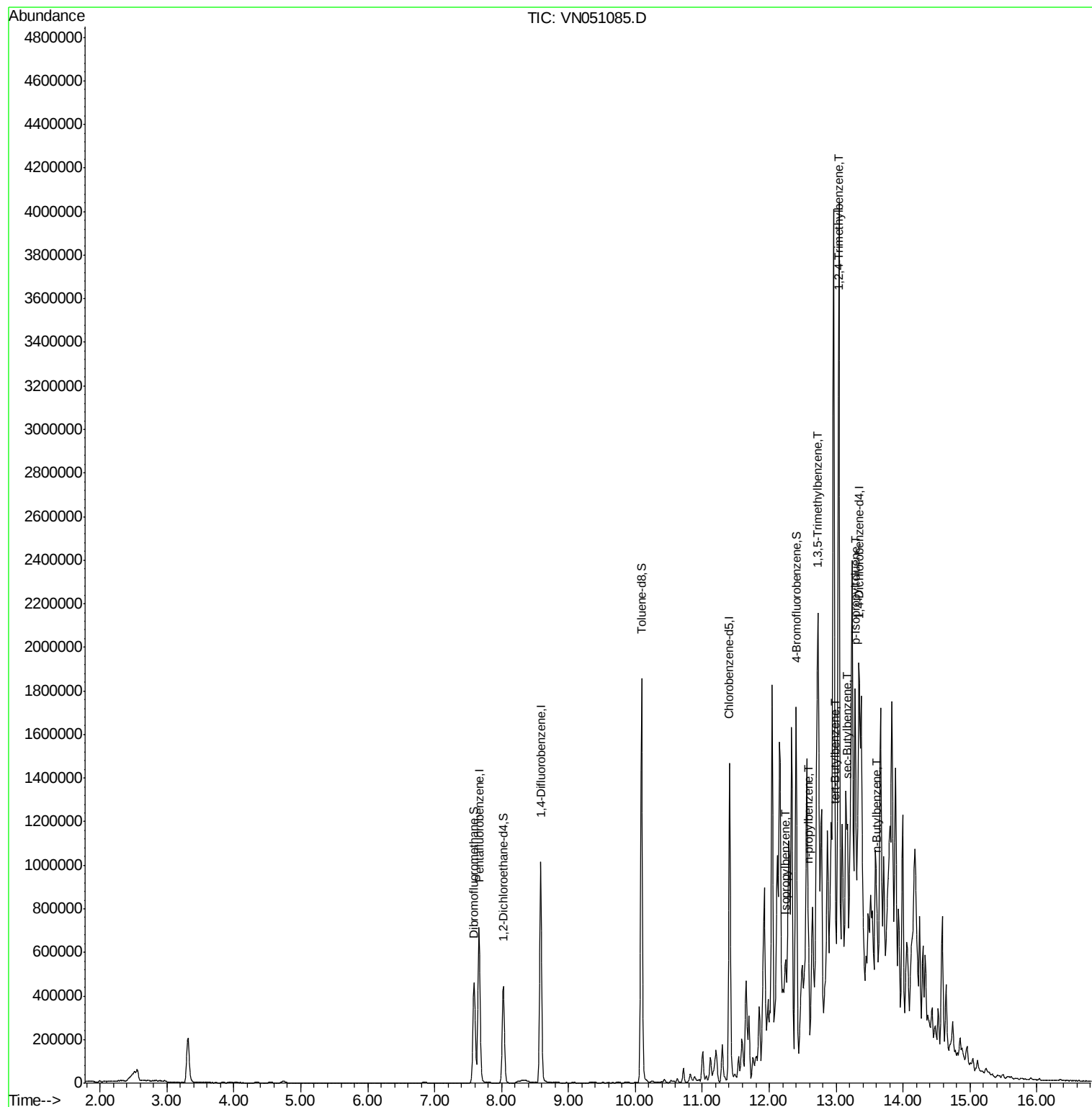
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.25	105	95564	2.60	ug/l	99
78) n-propylbenzene	12.59	91	300469	7.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	133285	4.49	ug/l	99
83) tert-Butylbenzene	12.99	119	31668	1.21	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1928315	66.06	ug/l	100
85) sec-Butylbenzene	13.17	105	243143	7.23	ug/l #	74
86) p-Isopropyltoluene	13.29	119	248229	8.71	ug/l	100
89) n-Butylbenzene	13.61	91	210476	9.49	ug/l #	75

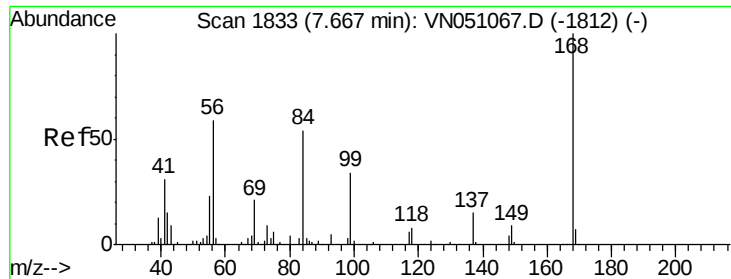
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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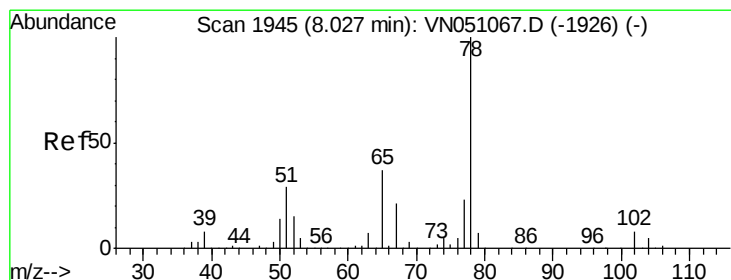
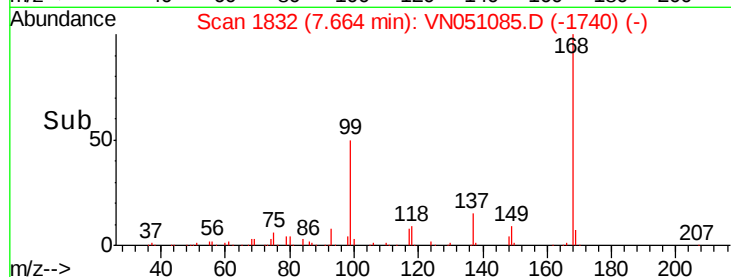
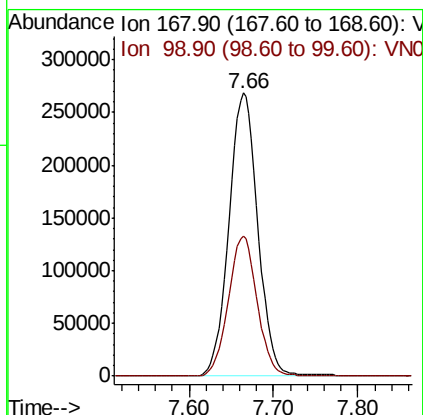
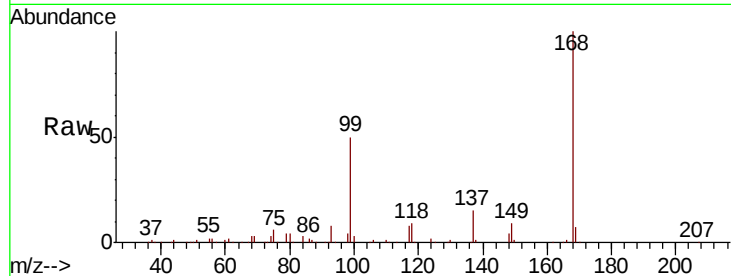




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

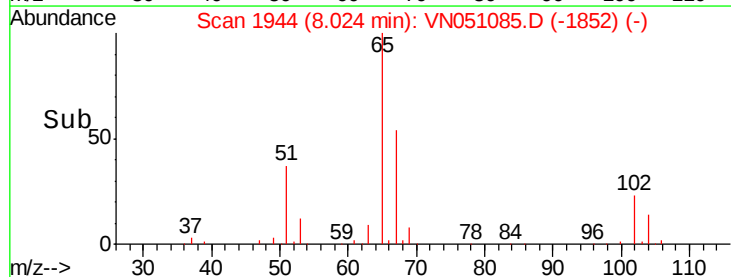
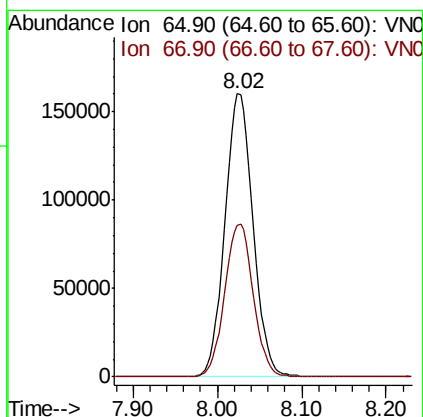
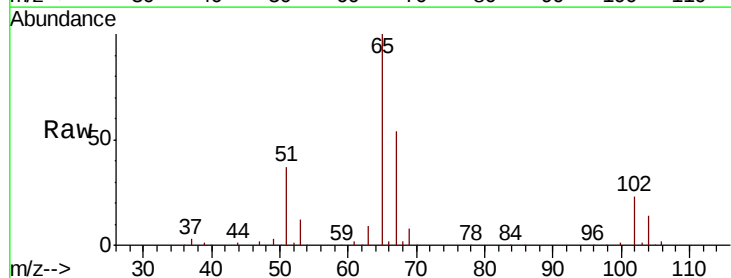
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

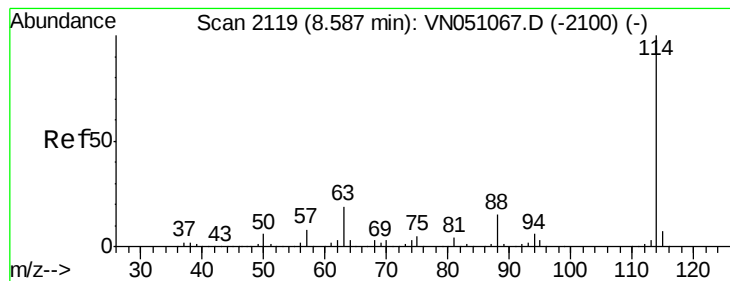
Tot Ion:168 Resp: 639900
Ion Ratio Lower Upper
168 100
99 49.6 38.3 57.5



#33
1,2-Dichloroethane-d4
Concen: 52.08 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion: 65 Resp: 370900
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

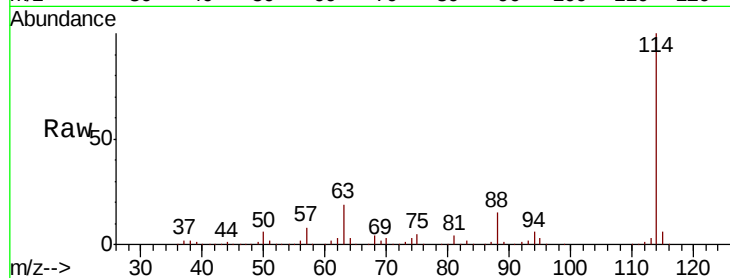
Tot Ion:114 Resp: 958830

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

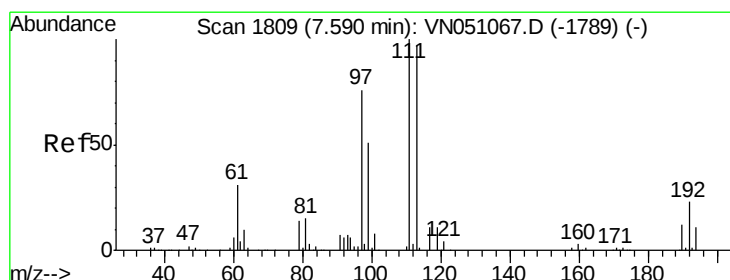
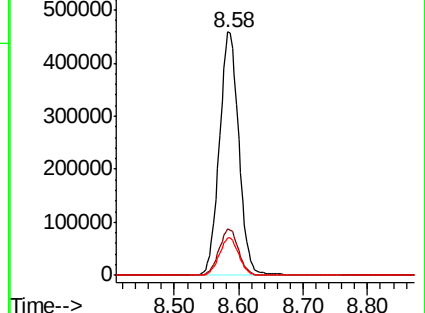
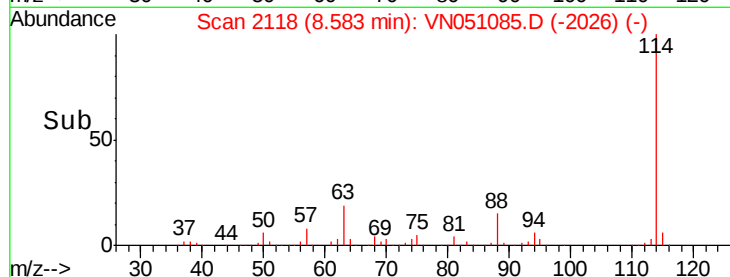
88 15.4 0.0 30.8



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: 49.60 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

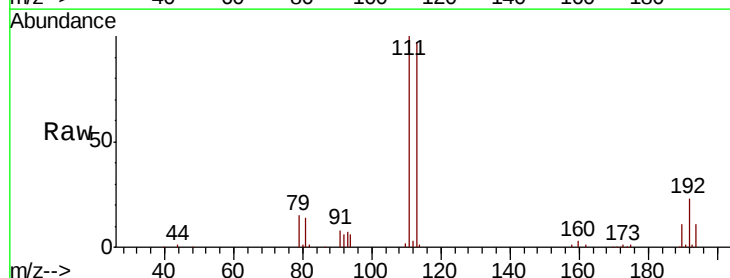
Tgt Ion:113 Resp: 357325

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

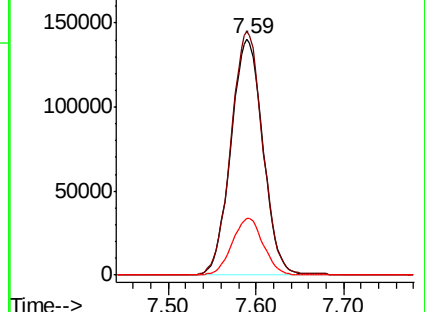
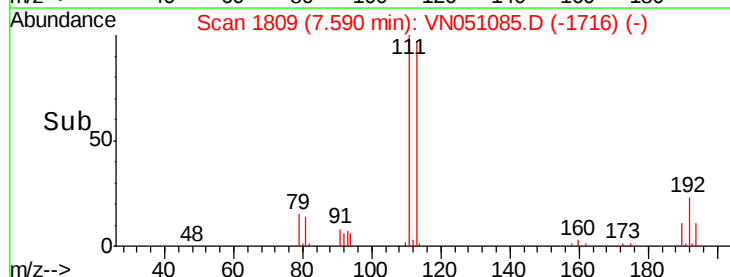
192 23.5 18.7 28.1

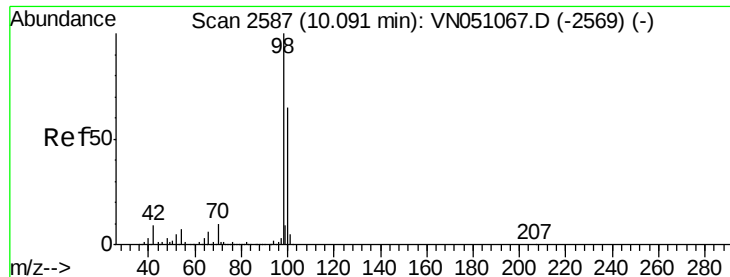


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.71 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

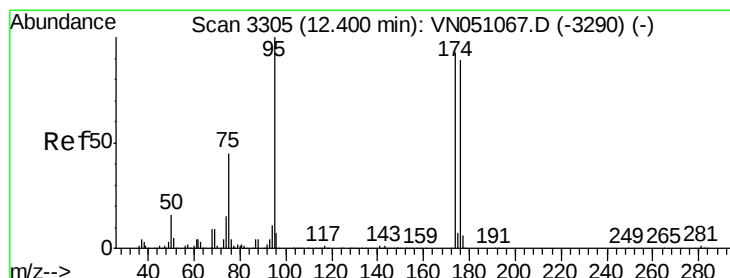
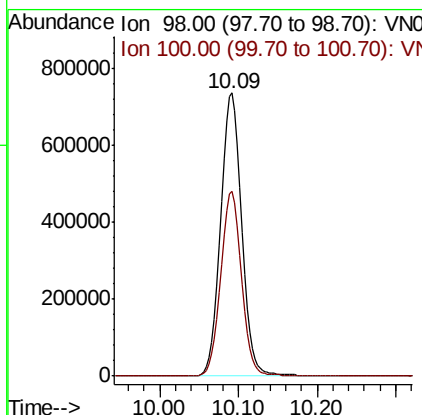
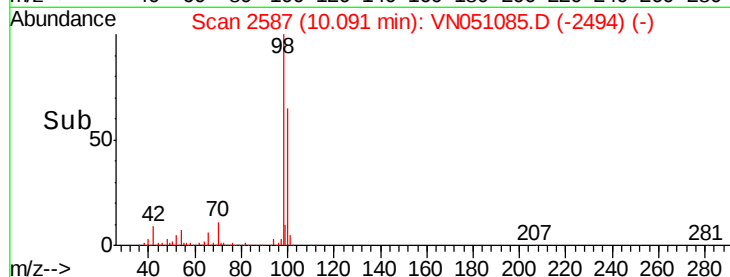
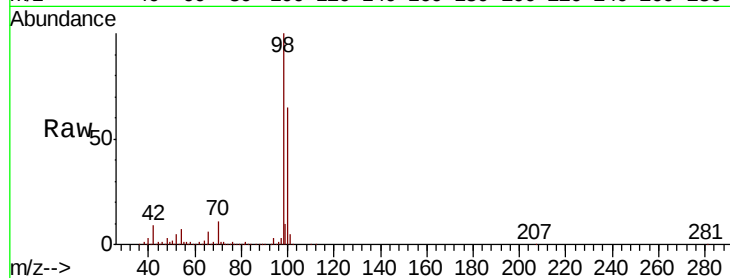
EP1-MW-H(7-10)ME

Tot Ion: 98 Resp: 1359095

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.95 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

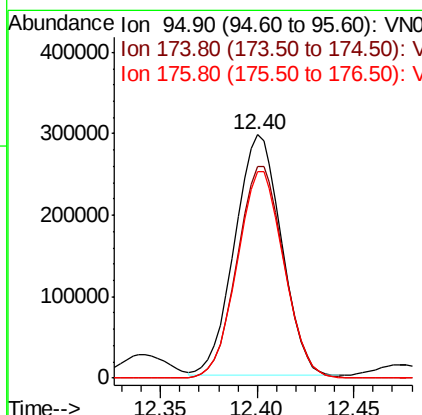
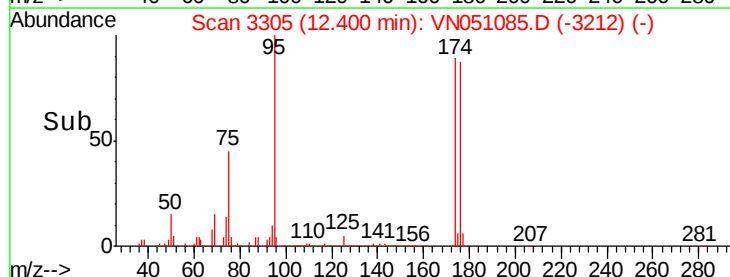
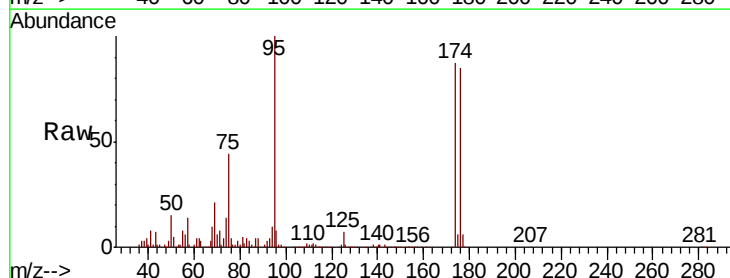
Tgt Ion: 95 Resp: 496971

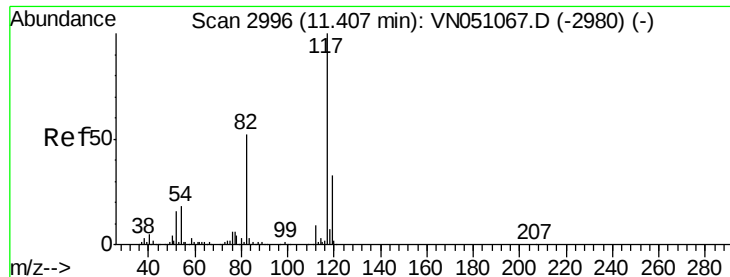
Ion Ratio Lower Upper

95 100

174 88.4 0.0 184.8

176 86.2 0.0 178.6

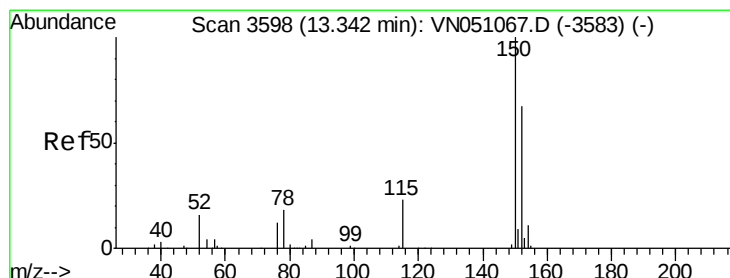
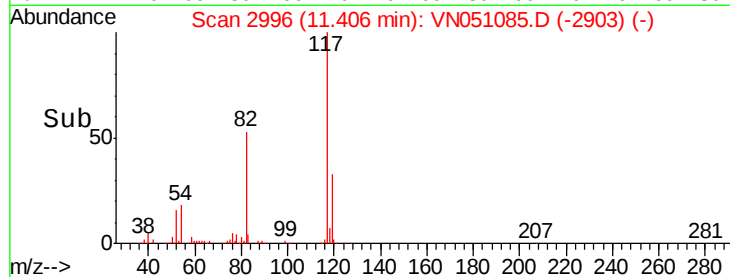
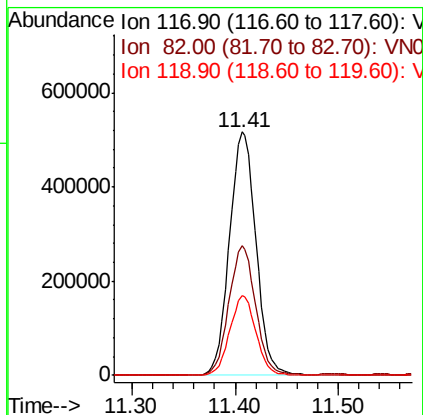
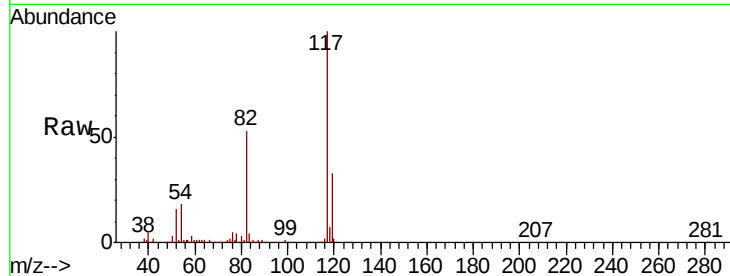




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

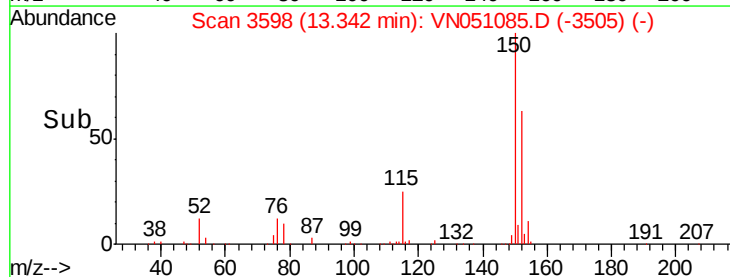
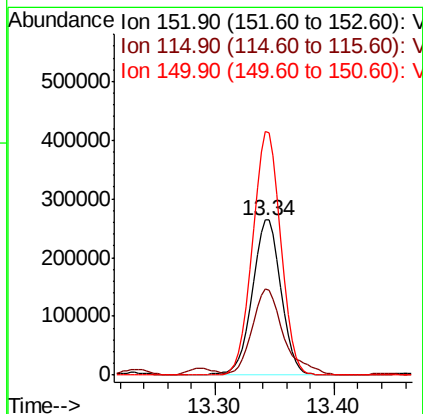
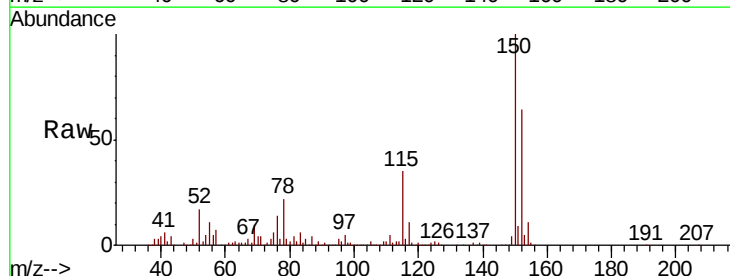
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

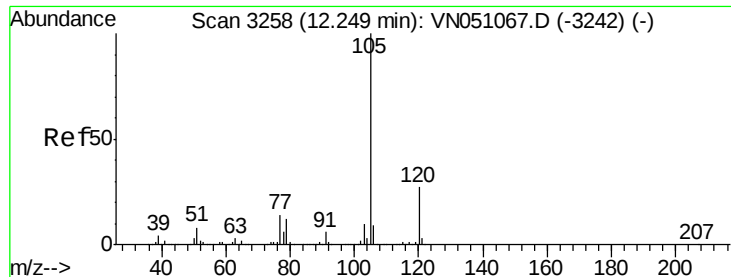
Tot Ion:117 Resp: 926184
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion:152 Resp: 437867
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 154.6 0.0 349.0





#73

Isopropylbenzene

Concen: 2.60 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

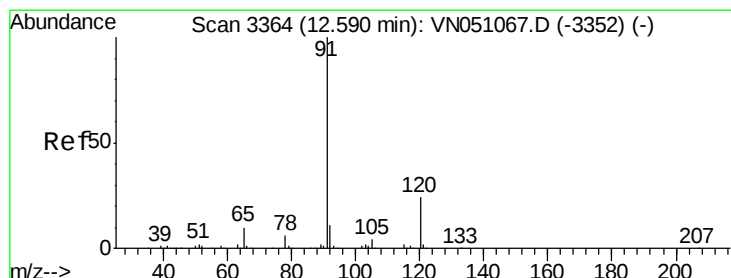
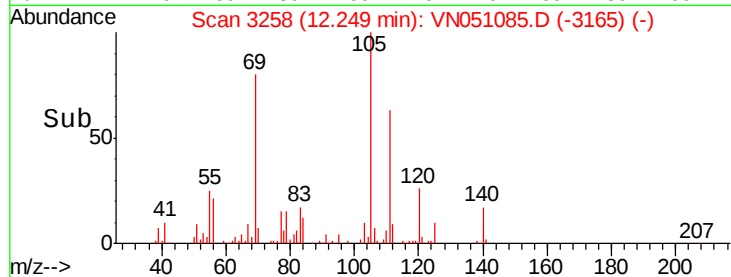
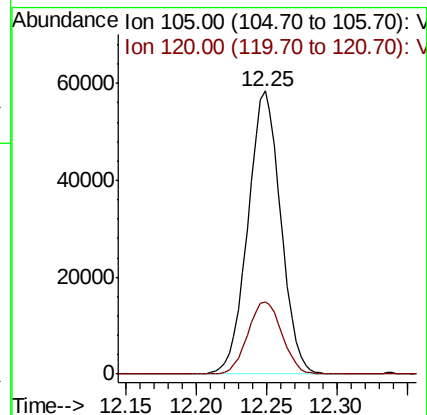
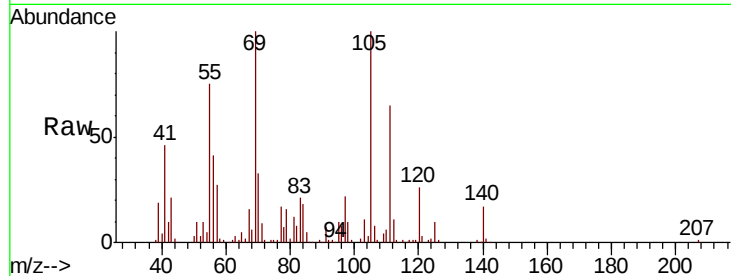
EP1-MW-H(7-10)ME

Tot Ion:105 Resp: 95564

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



#78

n-propylbenzene

Concen: 7.44 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051085.D

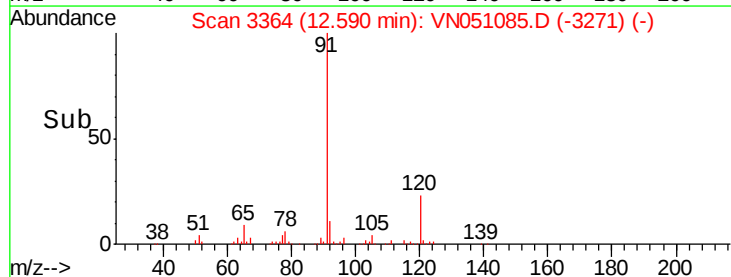
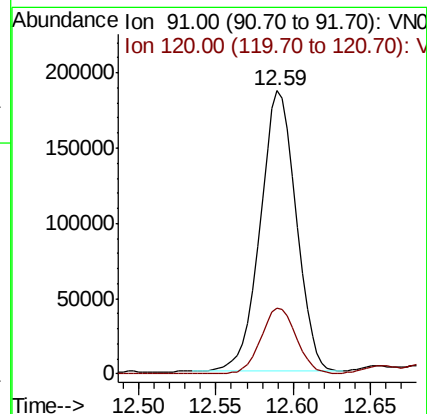
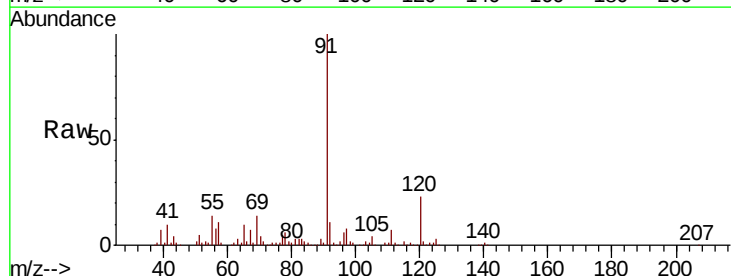
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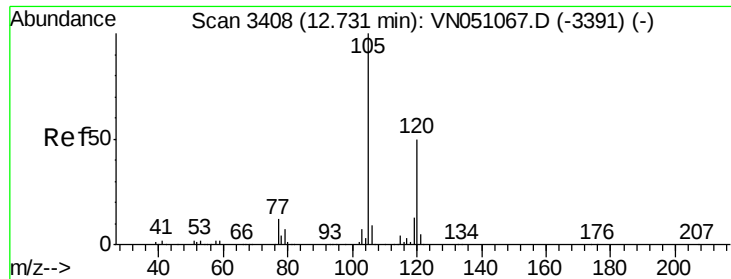
Tgt Ion: 91 Resp: 300469

Ion Ratio Lower Upper

91 100

120 23.3 12.0 36.0





#80

1,3,5-Trimethylbenzene

Concen: 4.49 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

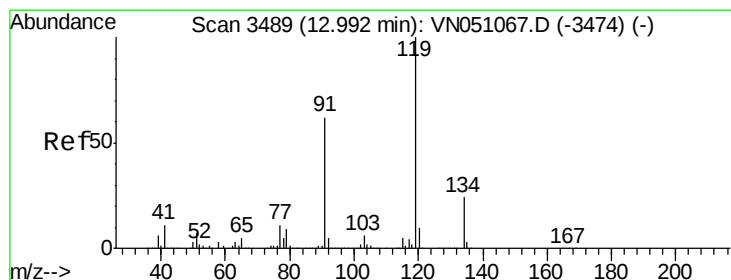
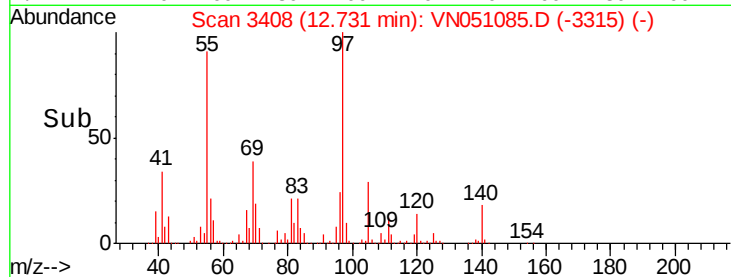
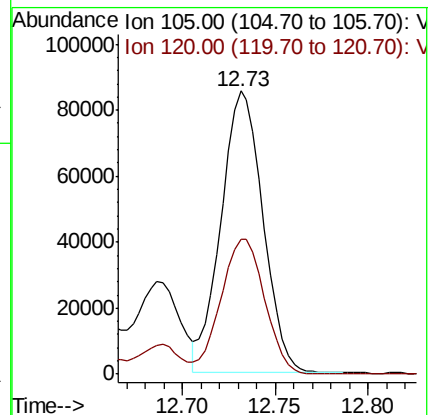
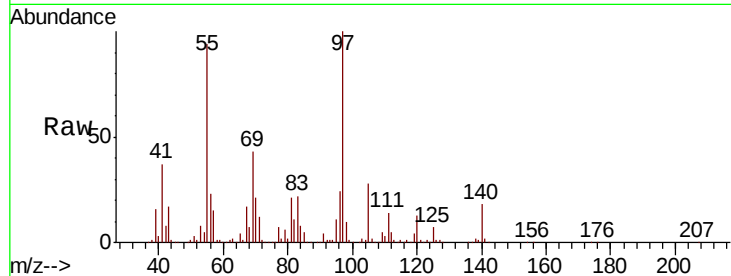
EP1-MW-H(7-10)ME

Tot Ion:105 Resp: 133285

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.6



#83

tert-Butylbenzene

Concen: 1.21 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

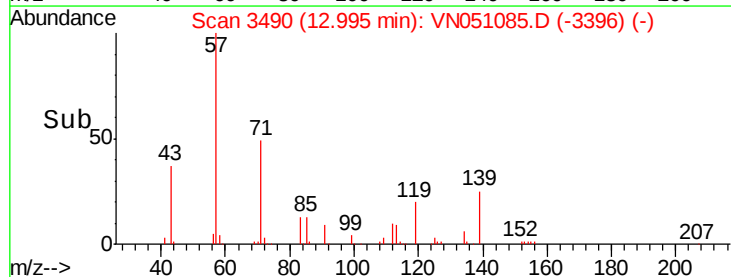
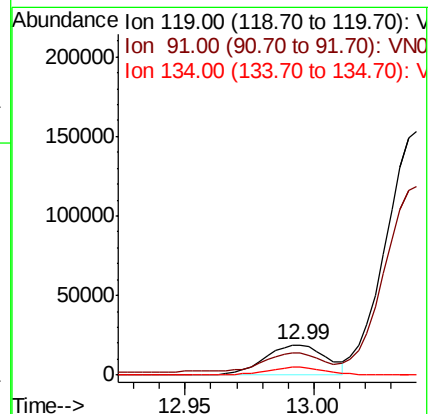
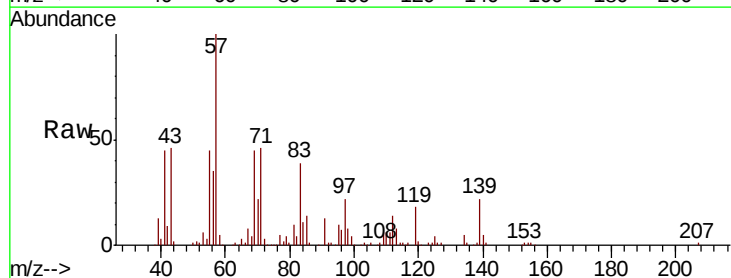
Tgt Ion:119 Resp: 31668

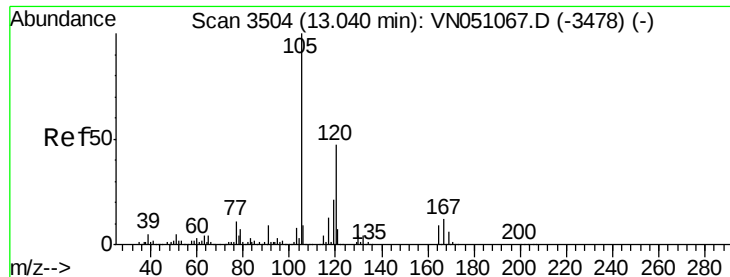
Ion Ratio Lower Upper

119 100

91 64.8 30.8 92.3

134 26.0 13.2 39.6

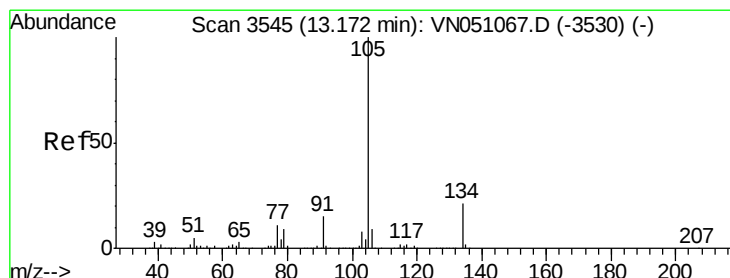
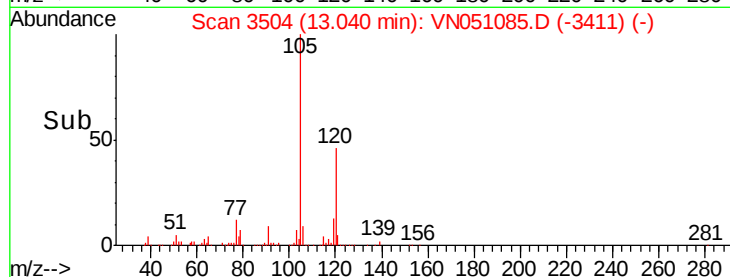
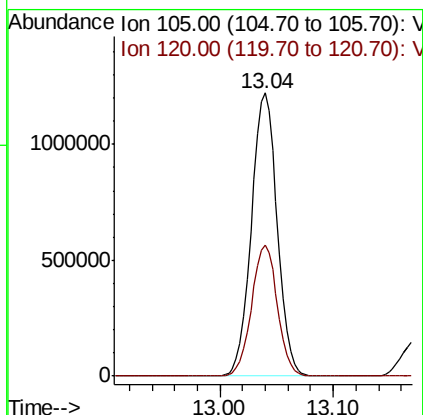
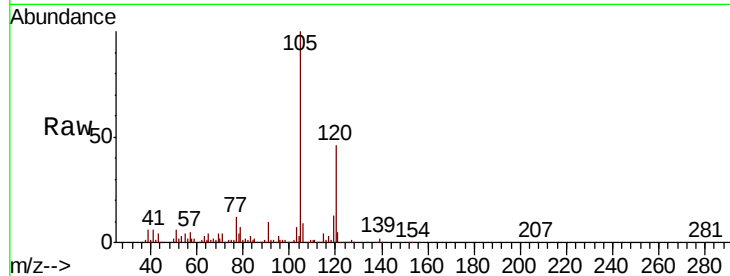




#84
 1,2,4-Trimethylbenzene
 Concen: 66.06 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051085.D
 Acq: 10 Sep 2018 18:13

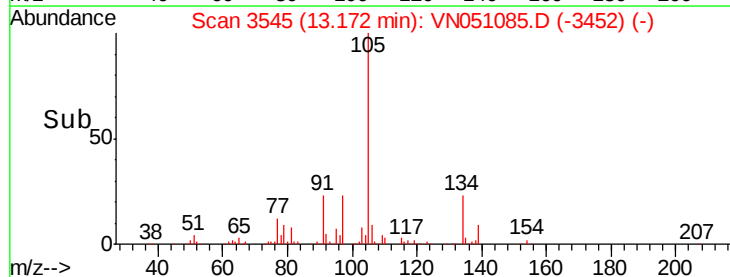
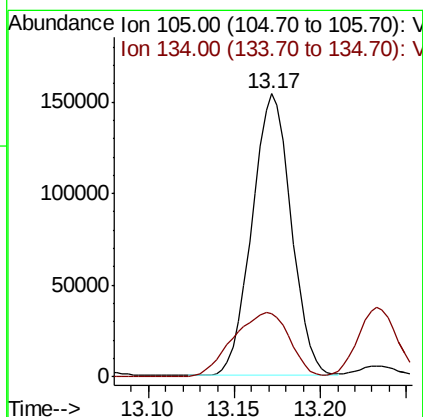
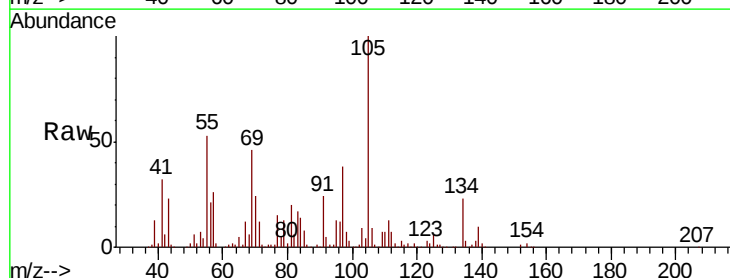
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(7-10)ME

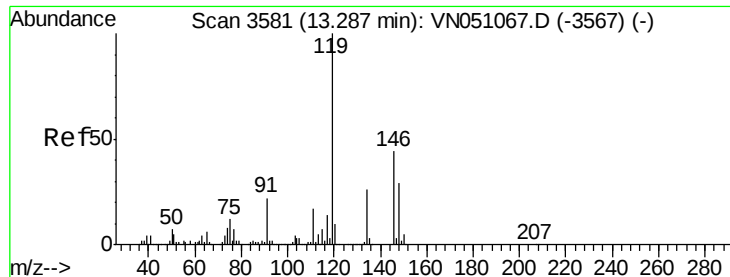
Tot Ion:105 Resp: 1928315
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 7.23 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051085.D
 Acq: 10 Sep 2018 18:13

Tgt Ion:105 Resp: 243143
 Ion Ratio Lower Upper
 105 100
 134 32.9 10.4 31.4#

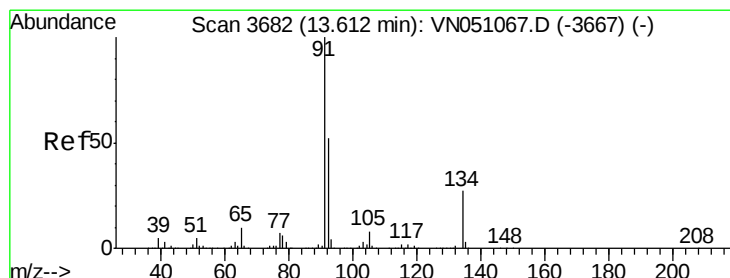
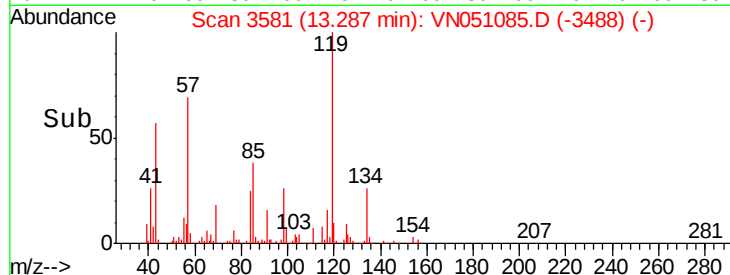
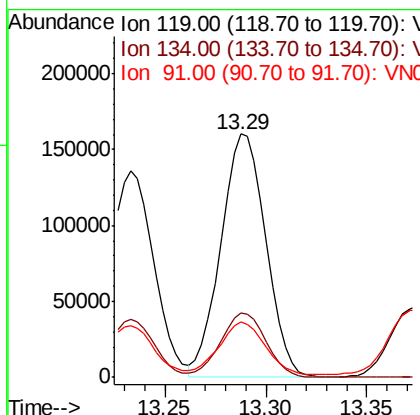
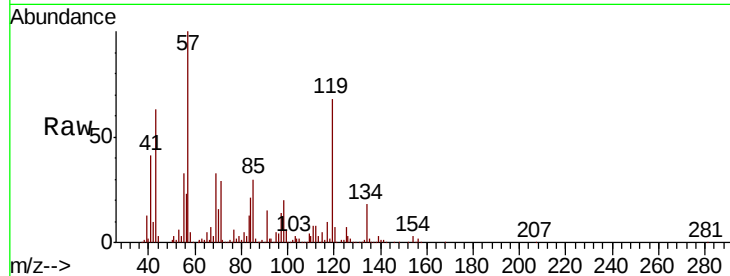




#86
p-Isopropyltoluene
Concen: 8.71 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.0	10.9	32.9



#89
n-Butylbenzene
Concen: 9.49 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.4	26.2	78.6
134	0.0	13.7	41.1#

