

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051732.D
 Acq On : 8 Oct 2018 13:45
 Operator : MD\SY
 Sample : J5165-06 10X
 Misc : 5.89g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)

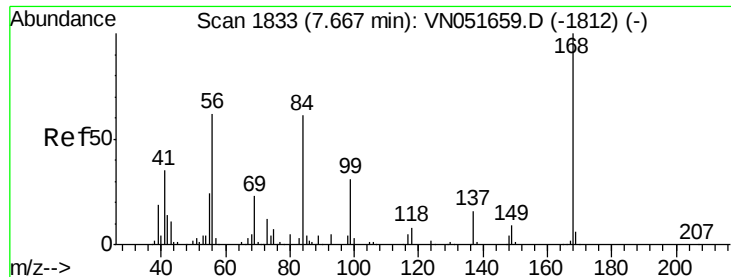
Quant Time: Oct 09 14:11:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	742224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1065857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	968344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	629323	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	445326	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
35) Dibromofluoromethane	7.59	113	406109	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	10.09	98	1532104	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	559198	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.25	105	107374	2.002	ug/l	97
78) n-propylbenzene	12.59	91	389260	6.653	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	212364	4.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3568125	78.795	ug/l	99
85) sec-Butylbenzene	13.17	105	476920	8.900	ug/l #	73
86) p-Isopropyltoluene	13.29	119	529911	11.155	ug/l	99
89) n-Butylbenzene	13.62	91	459959	12.246	ug/l #	71
95) Naphthalene	15.14	128	23307	1.067	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051732.D

Acq: 8 Oct 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

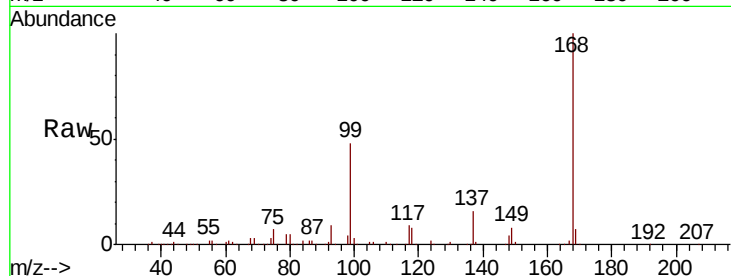
EP1-MW-H-092718(7-10)

Tot Ion:168 Resp: 742224

Ion Ratio Lower Upper

168 100

99 48.4 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051732.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051732.D (-1740) (-)

7.67

300000

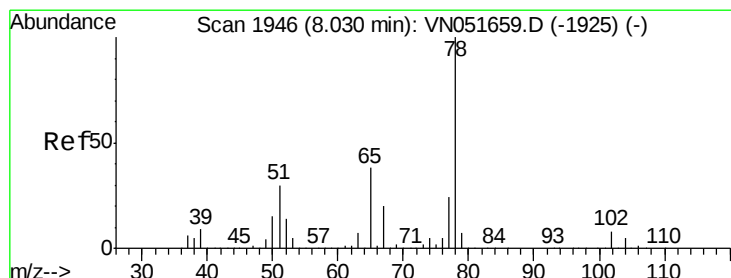
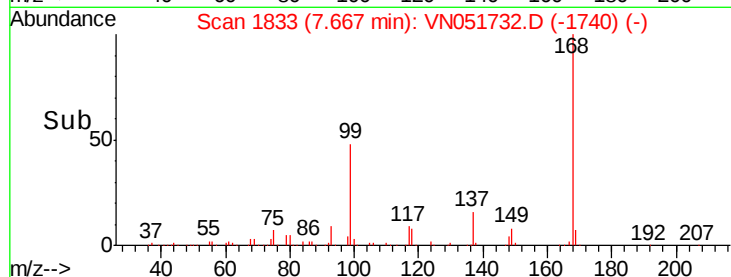
200000

100000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051732.D

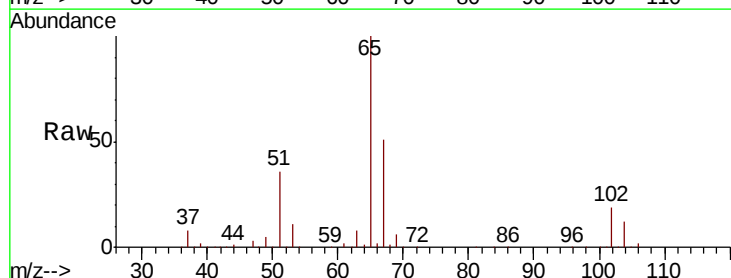
Acq: 8 Oct 2018 13:45

Tgt Ion: 65 Resp: 445326

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051732.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051732.D (-1853) (-)

8.03

200000

150000

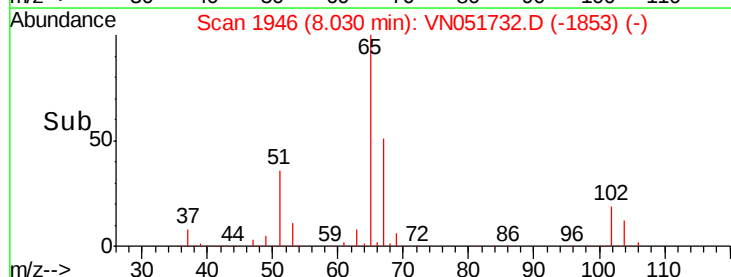
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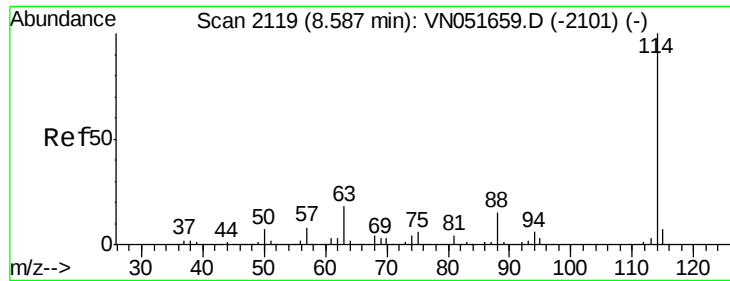
50000

0

7.95 8.00 8.05 8.10

Time-->

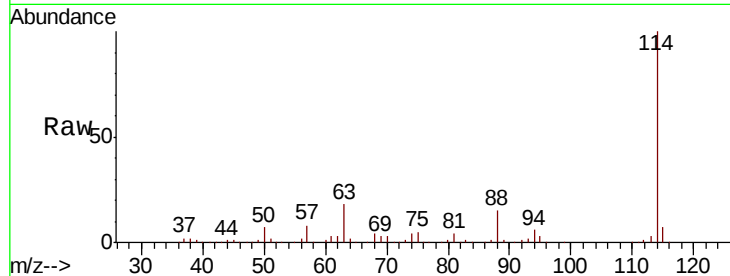




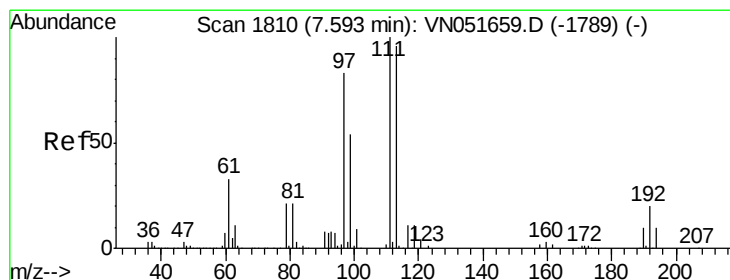
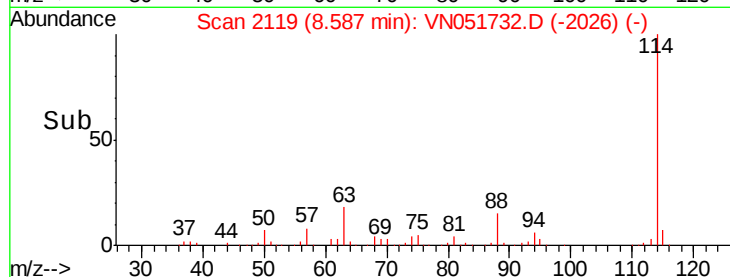
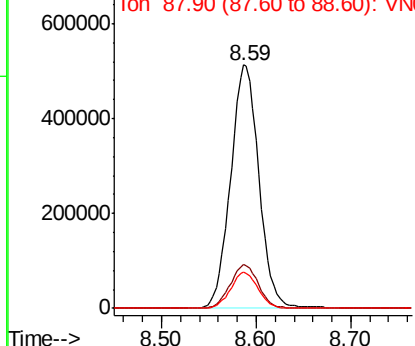
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051732.D
 Acq: 8 Oct 2018 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)

Tot Ion:114 Resp: 1065857
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.2
 88 14.7 0.0 30.2

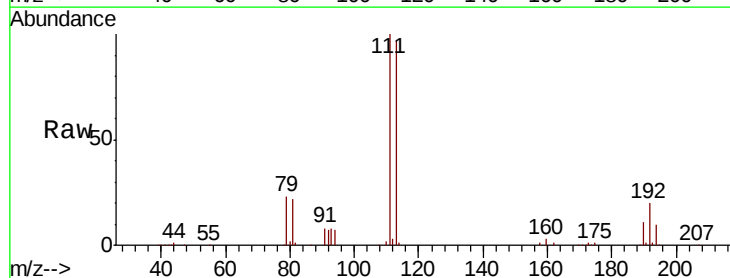


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

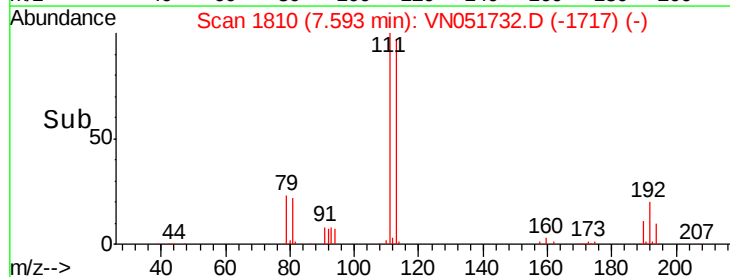
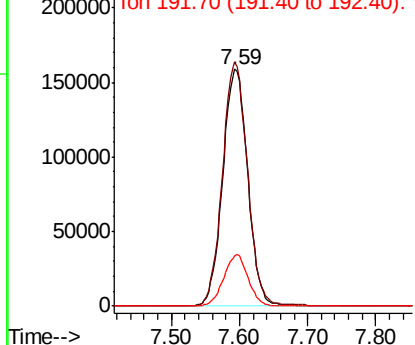


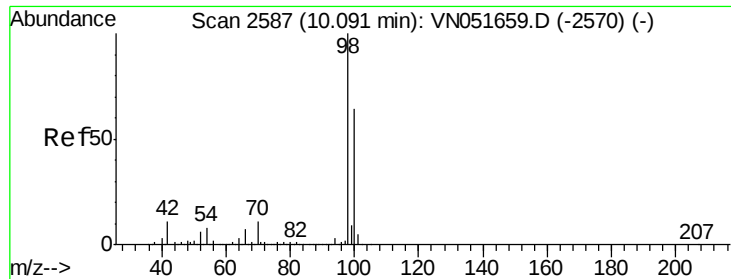
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051732.D
 Acq: 8 Oct 2018 13:45

Tgt Ion:113 Resp: 406109
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 21.1 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051732.D

Acq: 8 Oct 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

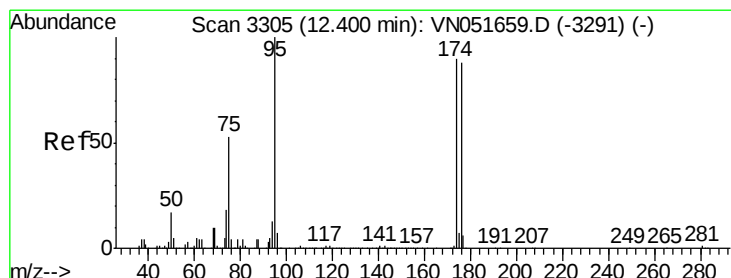
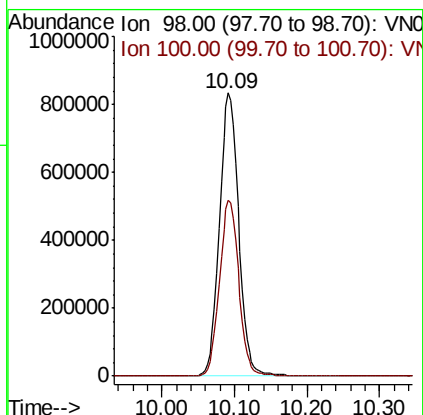
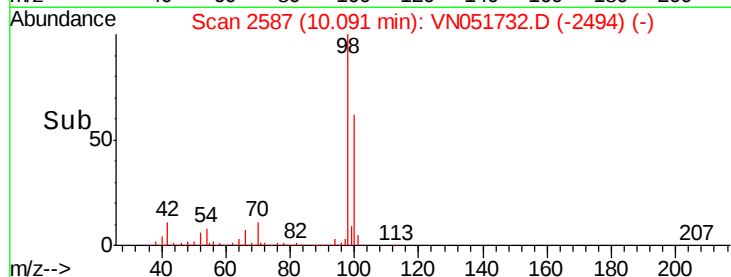
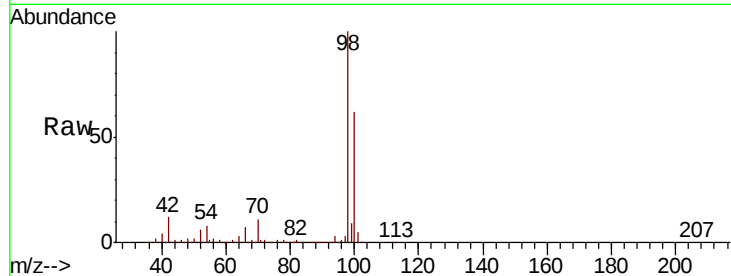
EP1-MW-H-092718(7-10)

Tot Ion: 98 Resp: 1532104

Ion Ratio Lower Upper

98 100

100 62.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051732.D

Acq: 8 Oct 2018 13:45

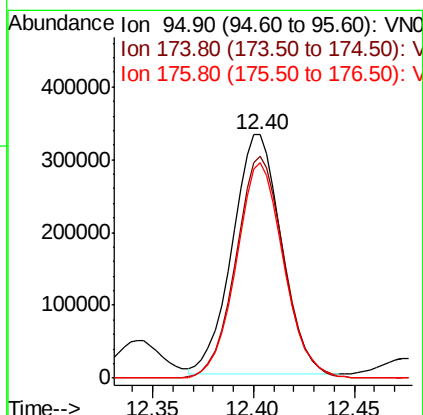
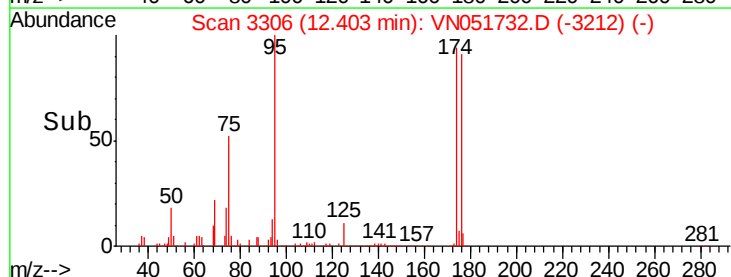
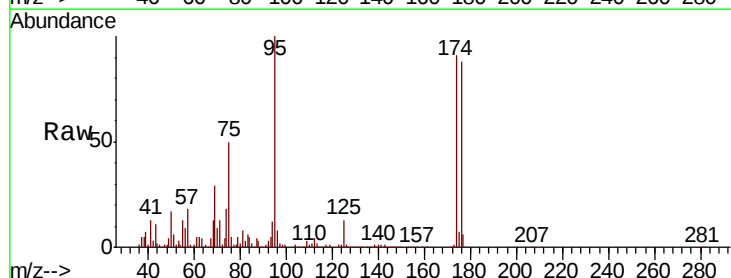
Tgt Ion: 95 Resp: 559198

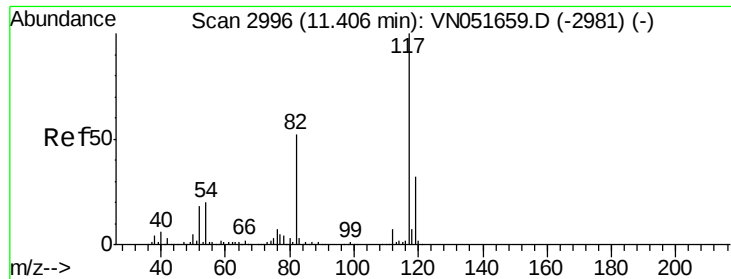
Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

176 87.2 0.0 176.4

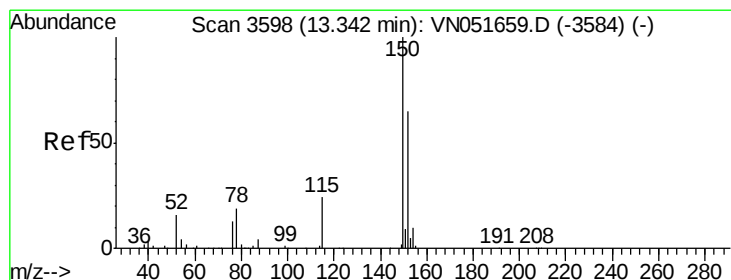
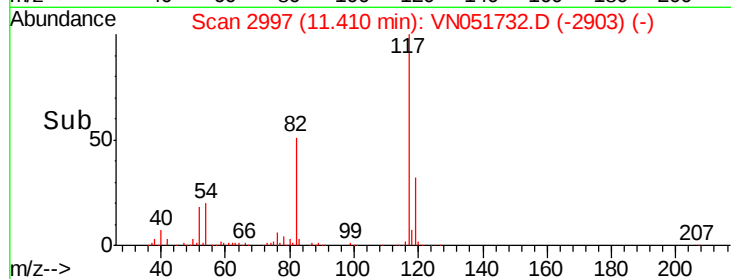
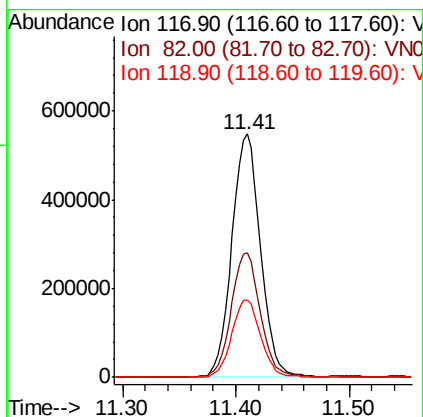
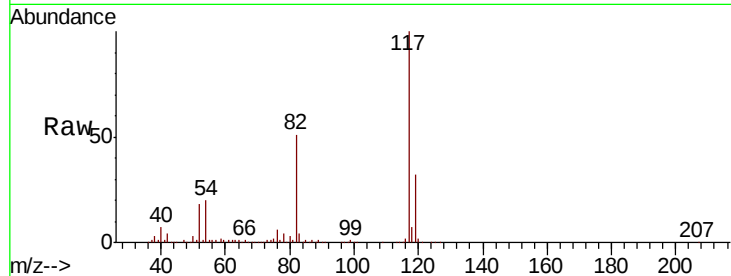




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051732.D
Acq: 8 Oct 2018 13:45

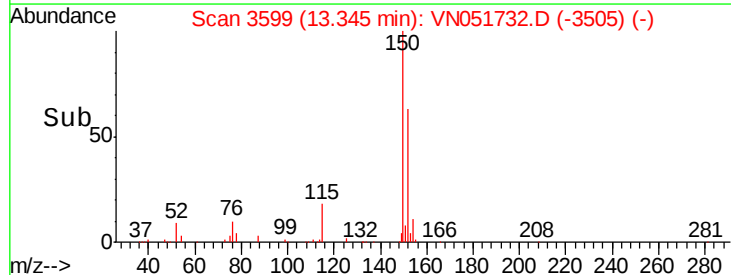
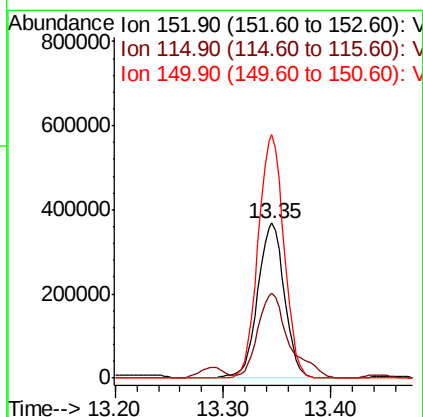
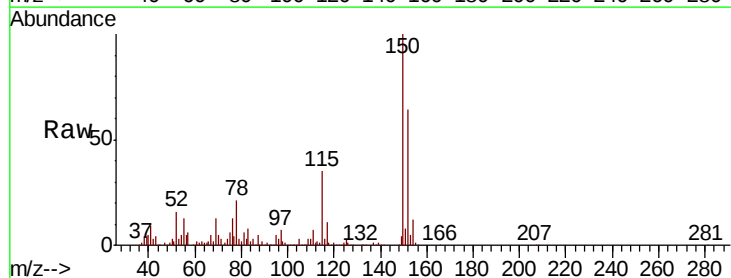
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)

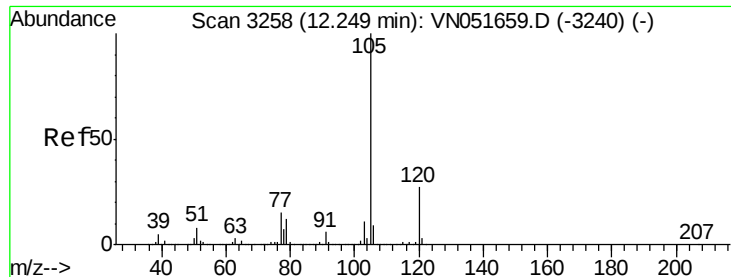
Tot Ion:117 Resp: 968344
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051732.D
Acq: 8 Oct 2018 13:45

Tgt Ion:152 Resp: 629323
Ion Ratio Lower Upper
152 100
115 63.7 28.6 85.8
150 152.0 0.0 352.4





#73

Isopropylbenzene

Concen: 2.002 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051732.D

Acq: 8 Oct 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

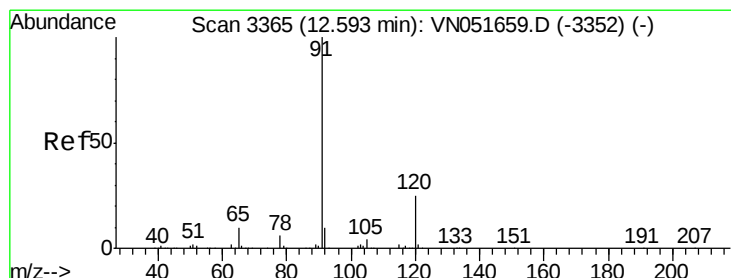
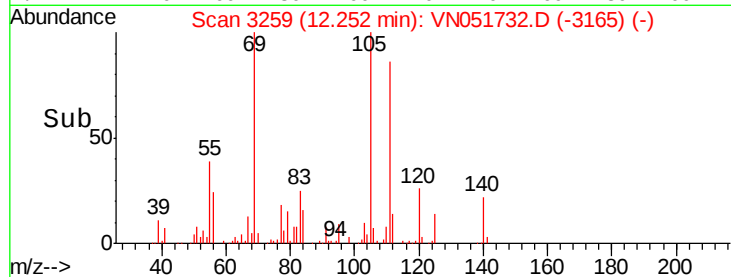
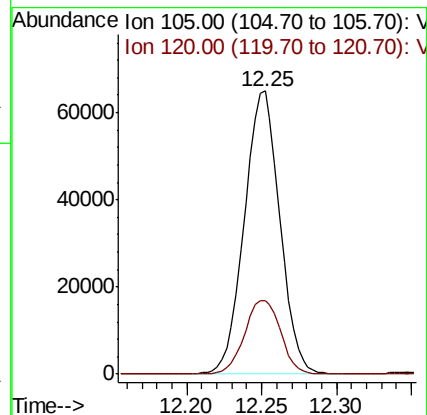
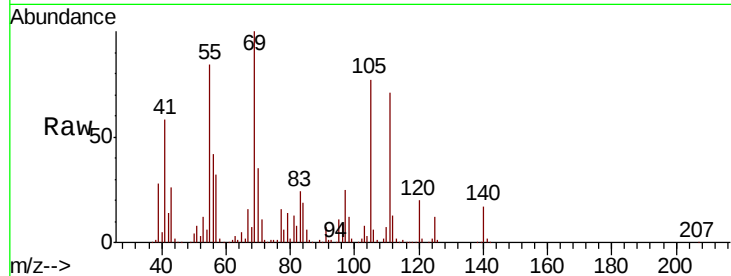
EP1-MW-H-092718(7-10)

Tot Ion:105 Resp: 107374

Ion Ratio Lower Upper

105 100

120 26.4 13.9 41.6



#78

n-propylbenzene

Concen: 6.653 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051732.D

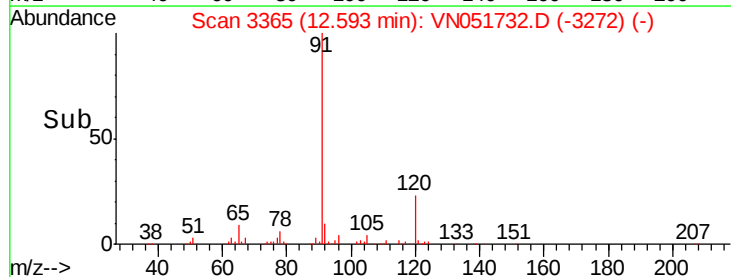
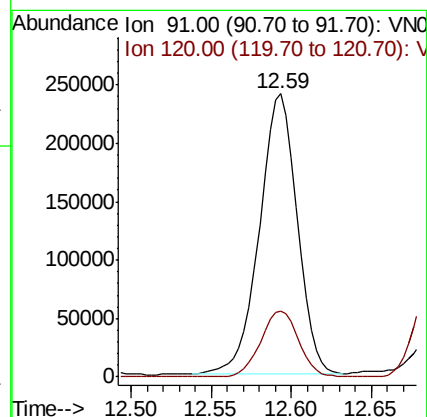
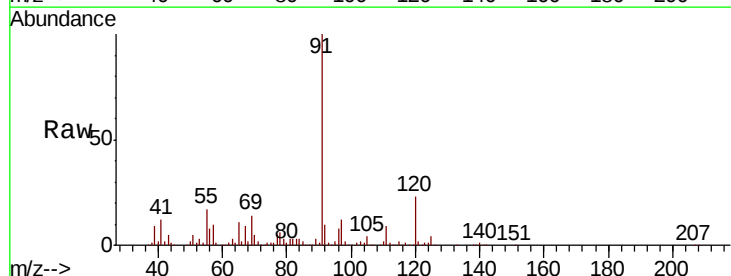
Acq: 8 Oct 2018 13:45

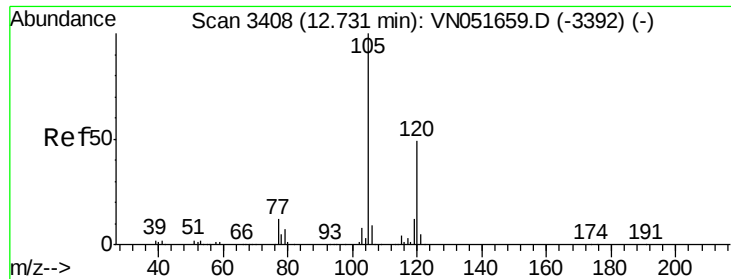
Tgt Ion: 91 Resp: 389260

Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.2

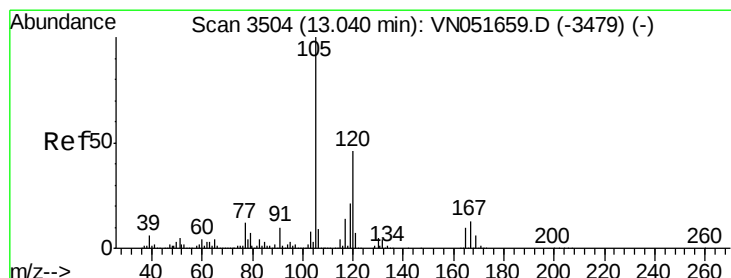
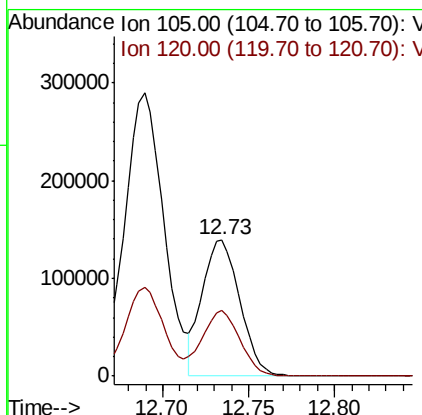
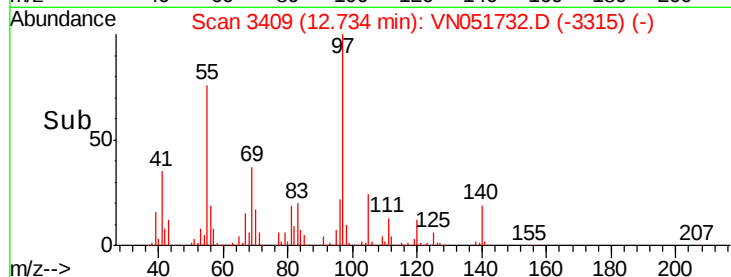
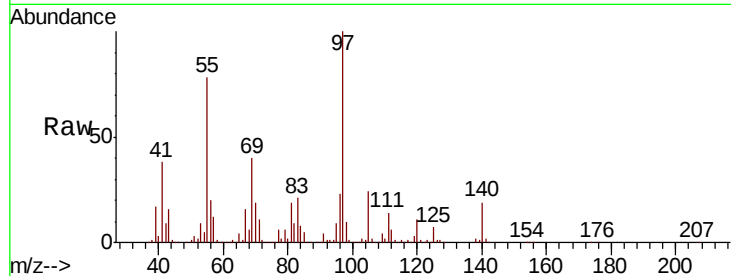




#80
 1,3,5-Trimethylbenzene
 Concen: 4.697 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051732.D
 Acq: 8 Oct 2018 13:45

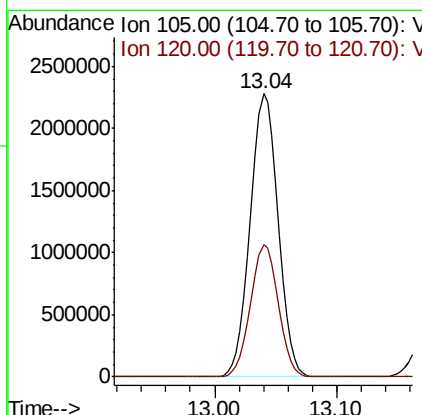
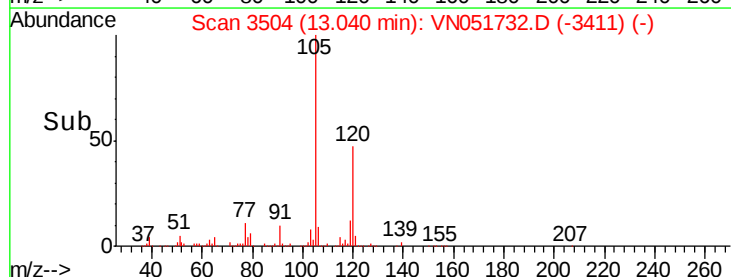
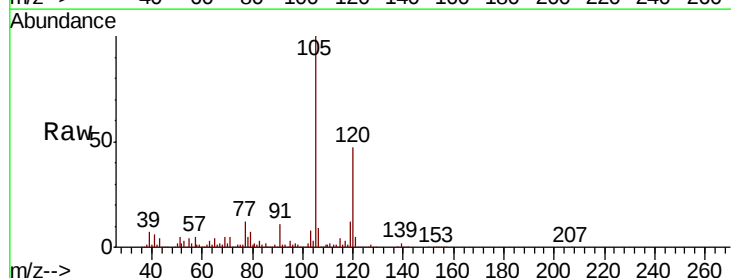
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)

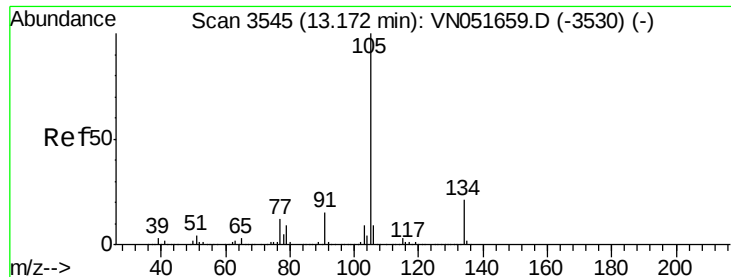
Tot Ion:105 Resp: 212364
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 78.795 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051732.D
 Acq: 8 Oct 2018 13:45

Tgt Ion:105 Resp: 3568125
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 8.900 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051732.D

Acq: 8 Oct 2018 13:45

Instrument :

MSVOA_N

ClientSampleId :

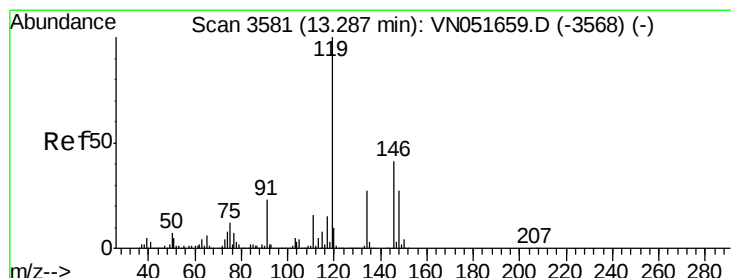
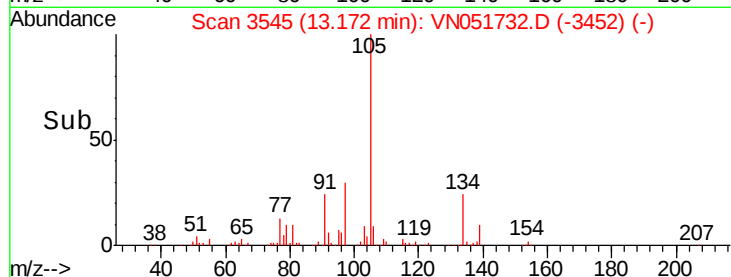
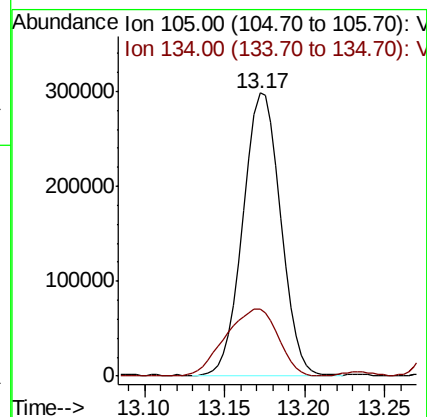
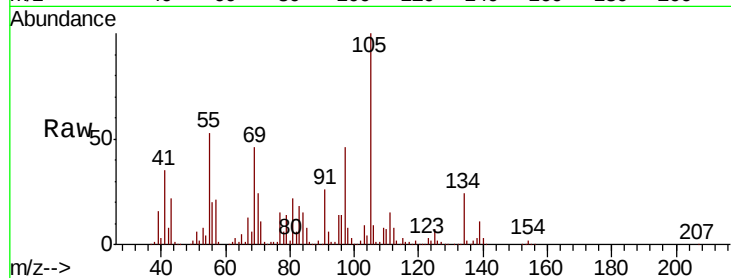
EP1-MW-H-092718(7-10)

Tot Ion:105 Resp: 476920

Ion Ratio Lower Upper

105 100

134 33.6 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 11.155 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051732.D

Acq: 8 Oct 2018 13:45

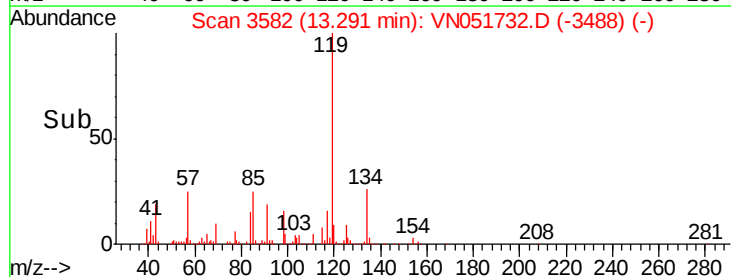
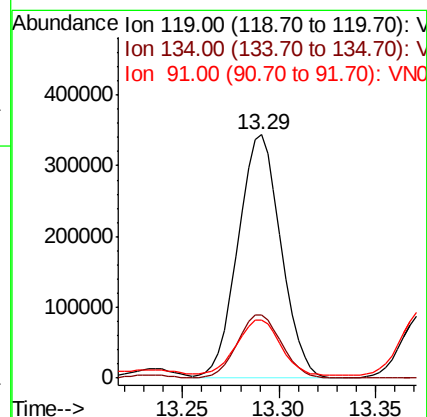
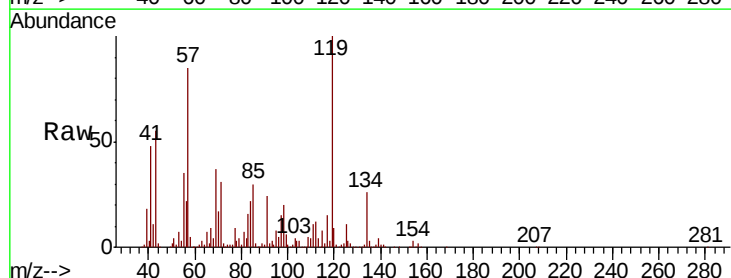
Tgt Ion:119 Resp: 529911

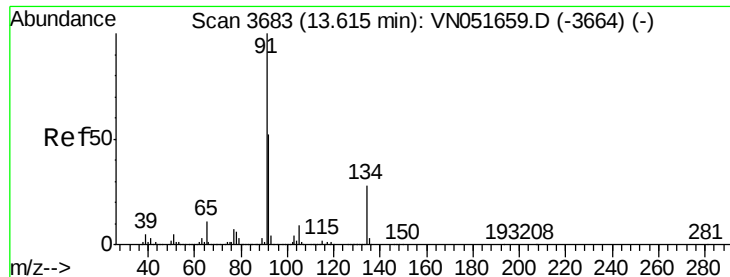
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 23.1 11.7 35.1

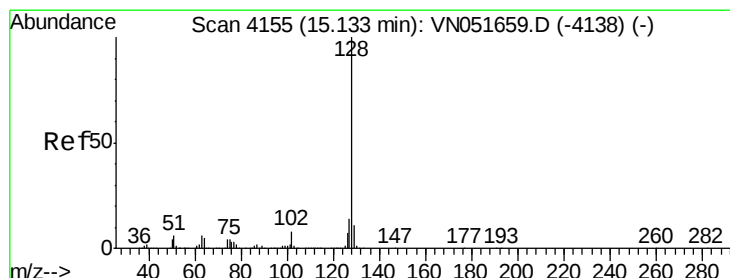
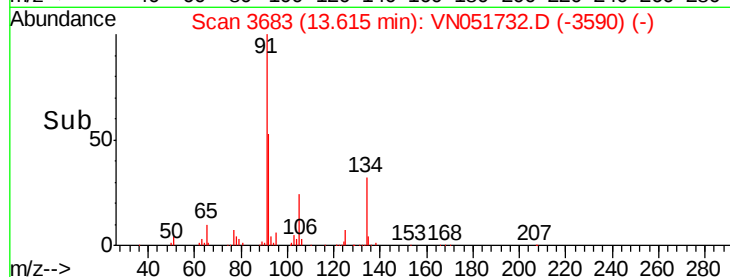
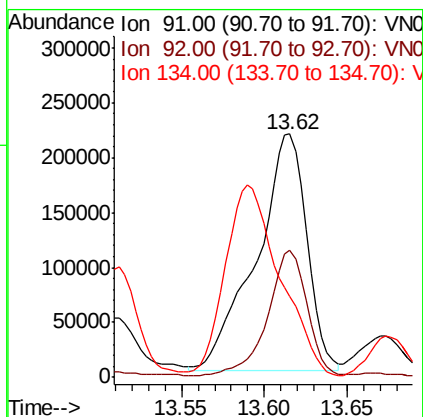
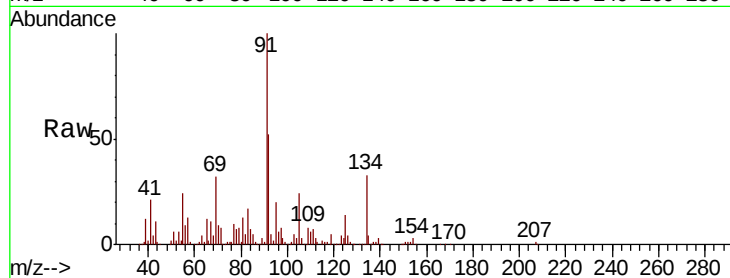




#89
n-Butylbenzene
Concen: 12.246 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051732.D
Acq: 8 Oct 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)

Tot Ion: 91 Resp: 459959
Ion Ratio Lower Upper
91 100
92 41.3 26.0 78.0
134 0.0 14.2 42.6#



#95
Naphthalene
Concen: 1.067 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051732.D
Acq: 8 Oct 2018 13:45

Tgt Ion: 128 Resp: 23307
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 12.5 9.0 13.6

