

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
 Data File : VN055788.D
 Acq On : 24 May 2019 11:57
 Operator : JC/SP
 Sample : K2977-03 50X
 Misc : 5.53g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(14-17)

Quant Time: May 24 14:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

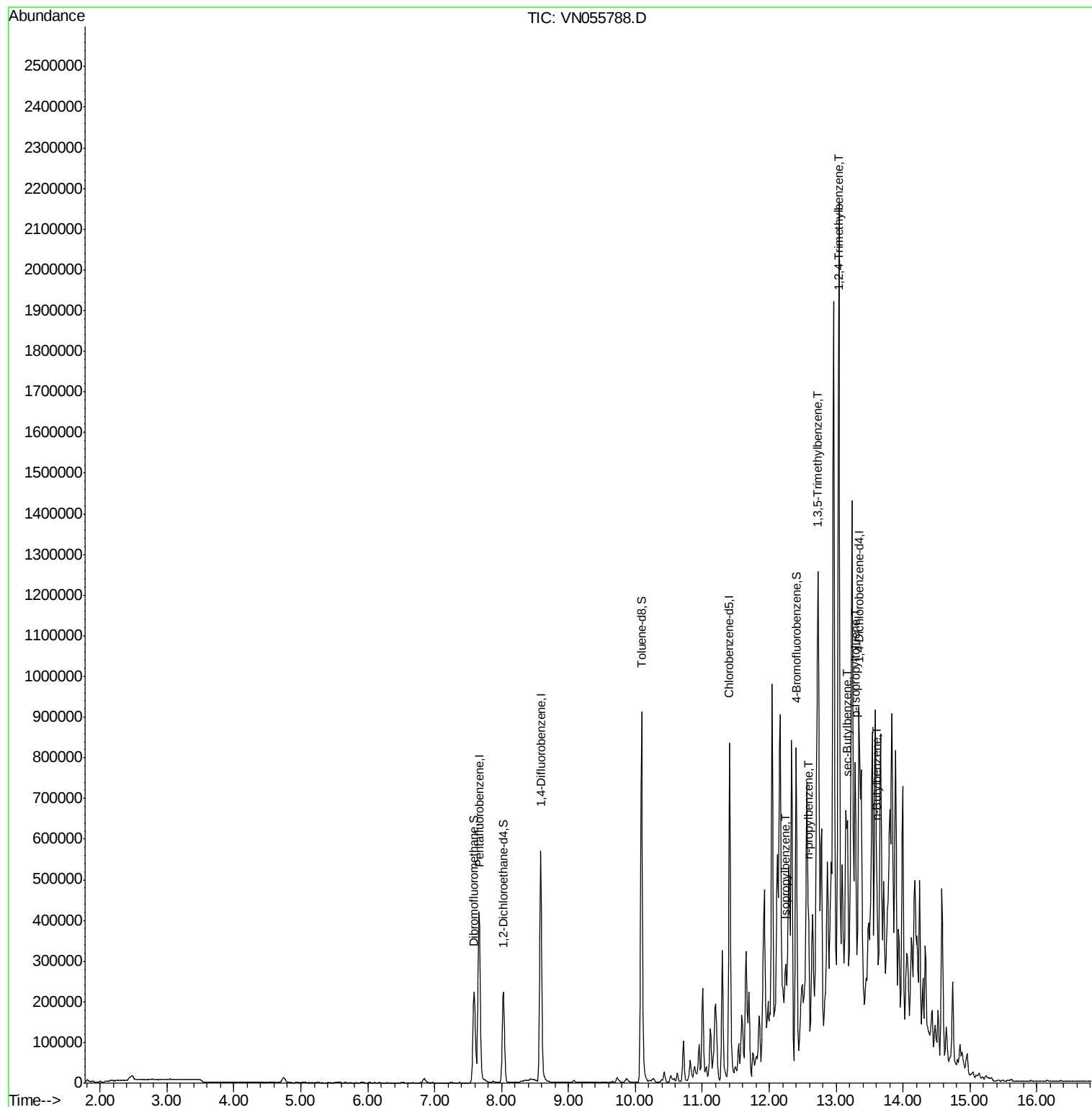
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	577972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	188955	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	7.59	113	173481	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	10.09	98	687247	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.40	95	237937	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
Target Compounds						
73) Isopropylbenzene	12.25	105	61761	1.249	ug/l	Qvalue 100
78) n-propylbenzene	12.59	91	225373	11.498	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	186229	11.837	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1085613	82.025	ug/l	99
85) sec-Butylbenzene	13.17	105	165420	8.957	ug/l #	77
86) p-Isopropyltoluene	13.29	119	167045	10.666	ug/l	99
89) n-Butylbenzene	13.61	91	130449	10.870	ug/l #	79

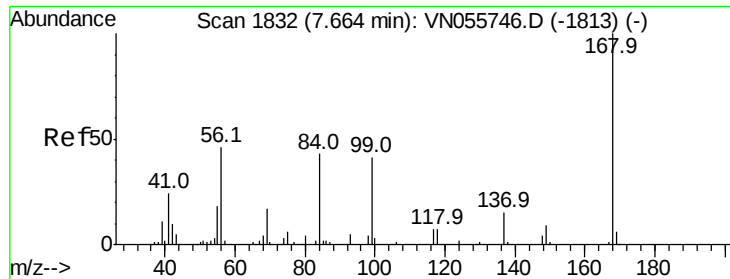
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
Data File : VN055788.D
Acq On : 24 May 2019 11:57
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Sample : K2977-03 50X
Misc : 5.53g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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ClientSampleId :
EP1-W-2R(14-17)

Quant Time: May 24 14:01:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

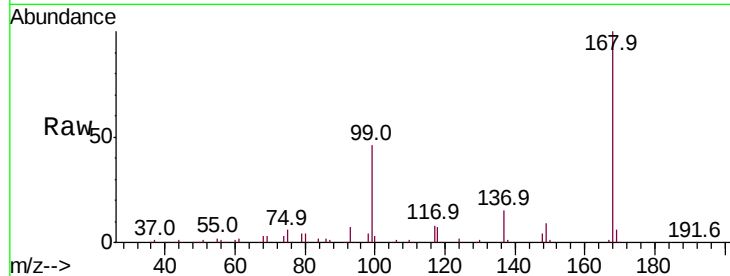
Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tot Ion:168 Resp: 403639

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

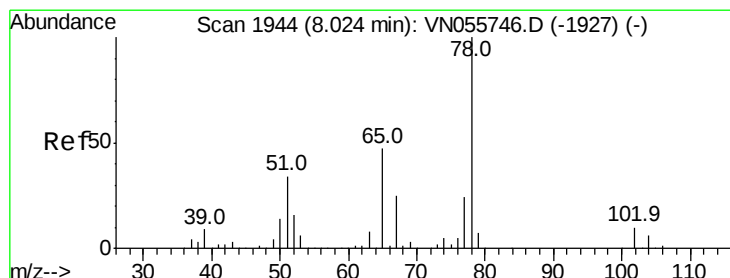
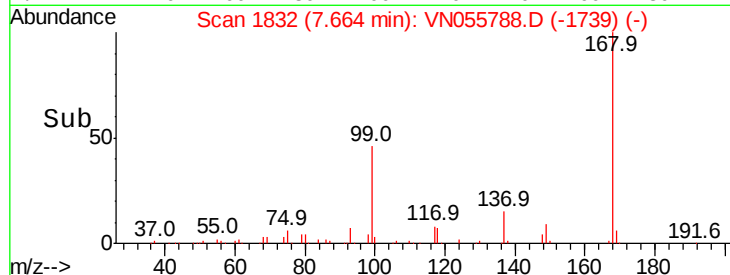
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.330 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055788.D

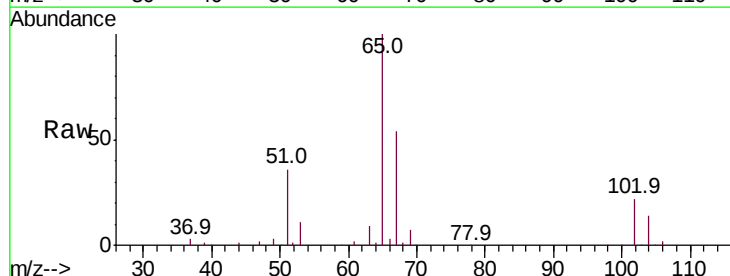
Acq: 24 May 2019 11:57

Tgt Ion: 65 Resp: 188955

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)

8.03

80000

60000

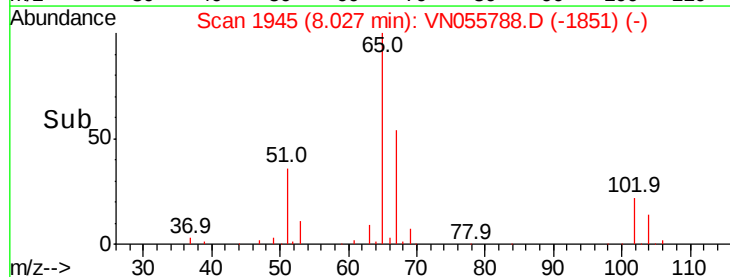
40000

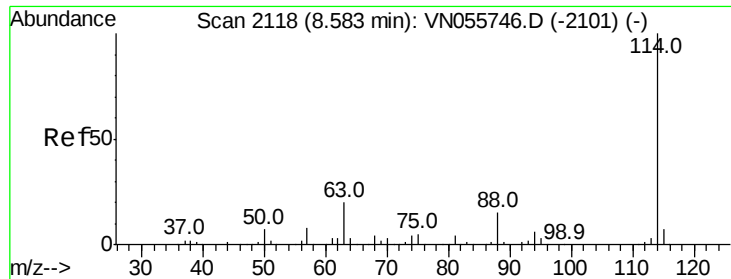
20000

0

7.90 8.00 8.10

Time-->

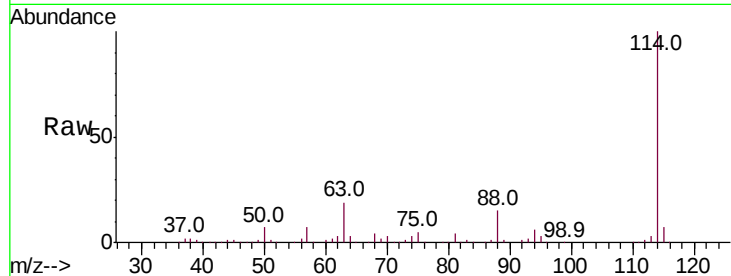




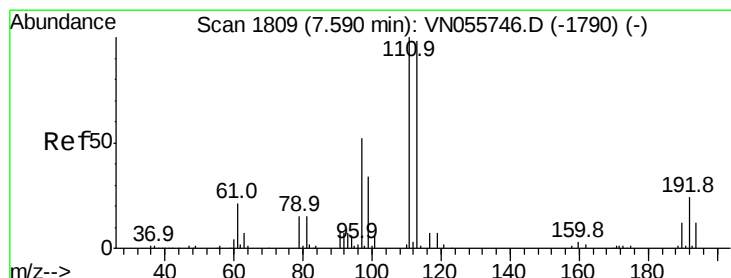
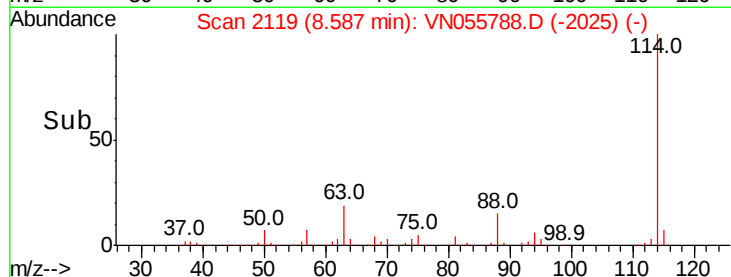
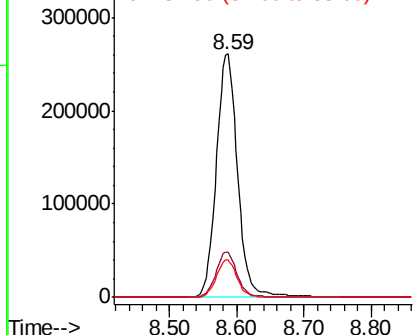
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055788.D
 Acq: 24 May 2019 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(14-17)

Tot Ion:114 Resp: 577972
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.3 0.0 31.0

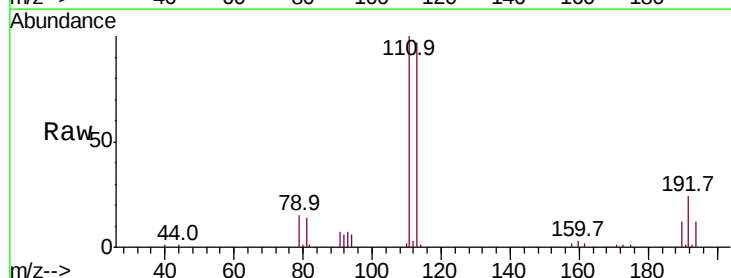


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

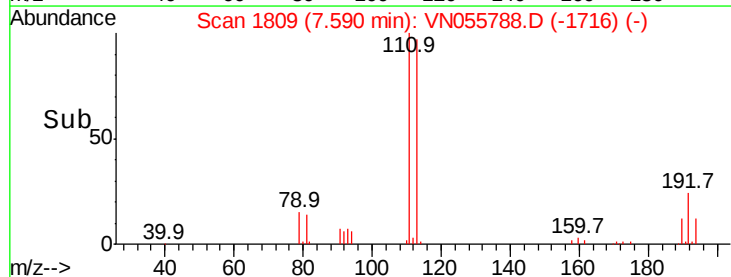
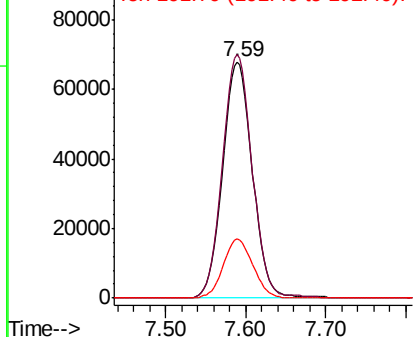


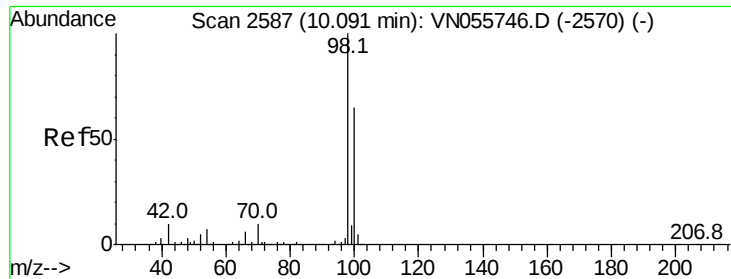
#35
 Dibromofluoromethane
 Concen: 47.475 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055788.D
 Acq: 24 May 2019 11:57

Tgt Ion:113 Resp: 173481
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 24.8 19.5 29.3



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: 49.030 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

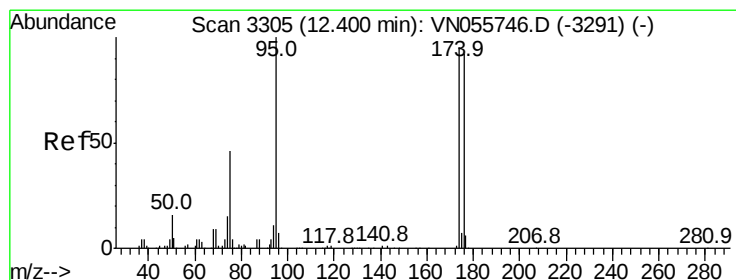
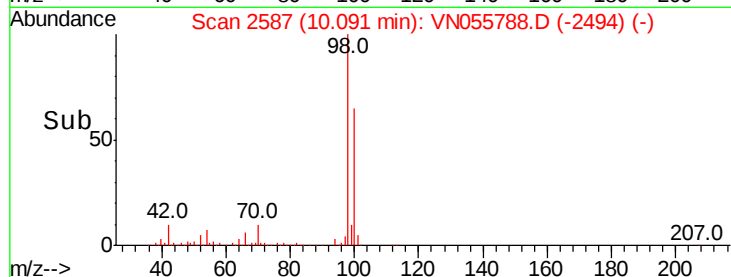
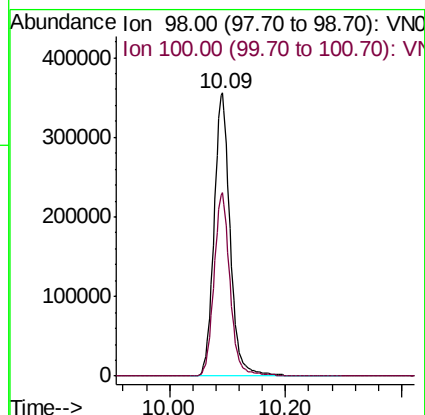
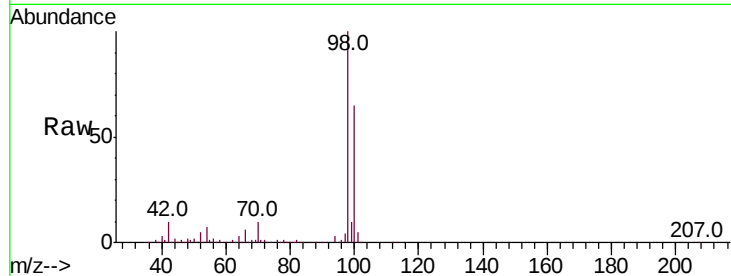
EP1-W-2R(14-17)

Tot Ion: 98 Resp: 687247

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.506 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

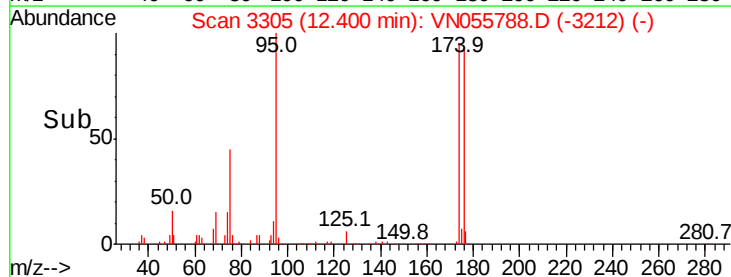
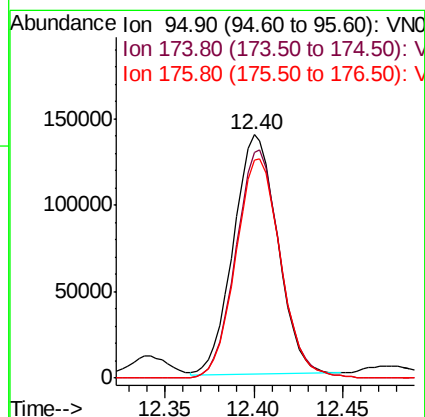
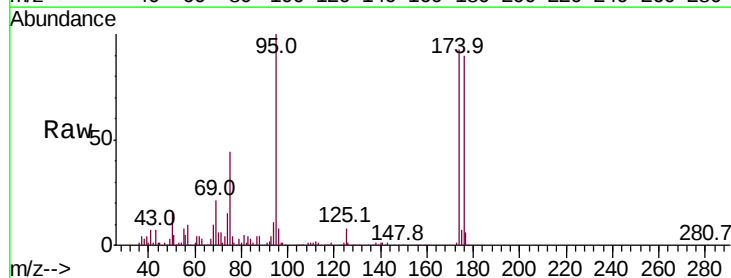
Tgt Ion: 95 Resp: 237937

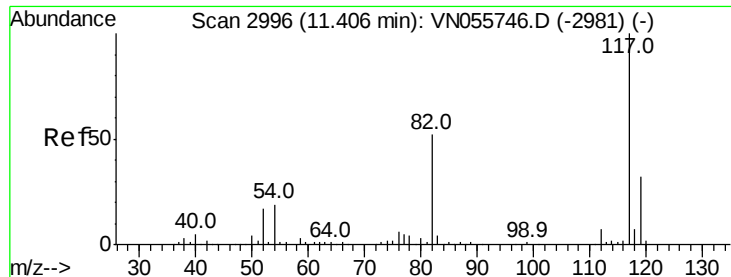
Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

176 93.6 0.0 185.2

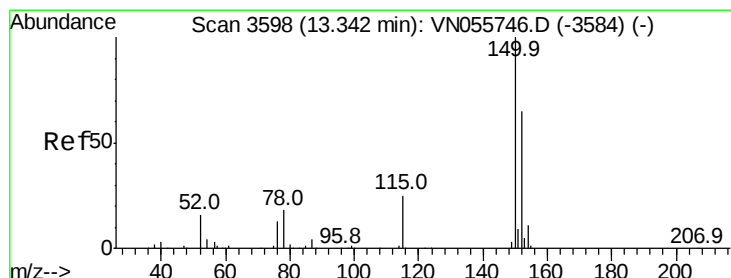
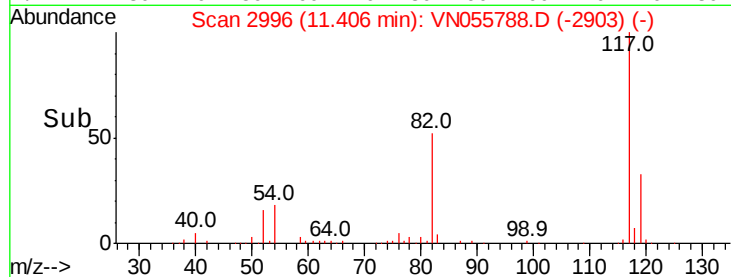
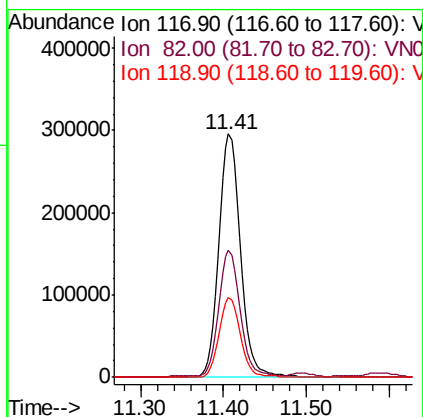
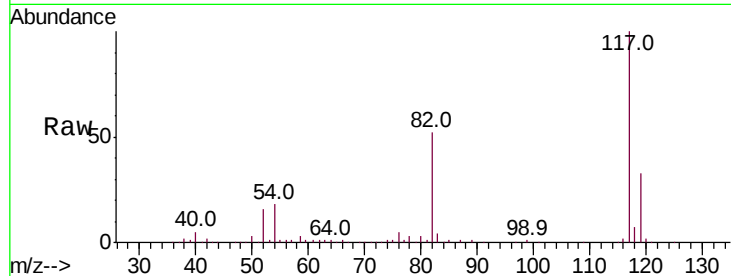




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055788.D
Acq: 24 May 2019 11:57

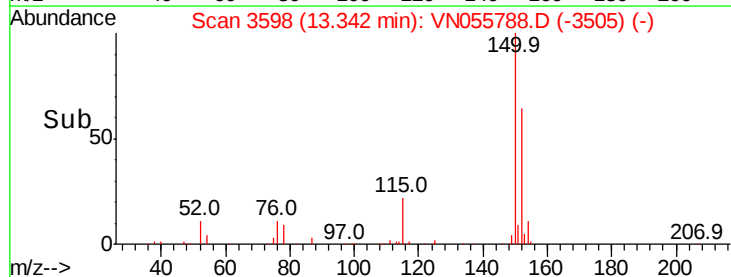
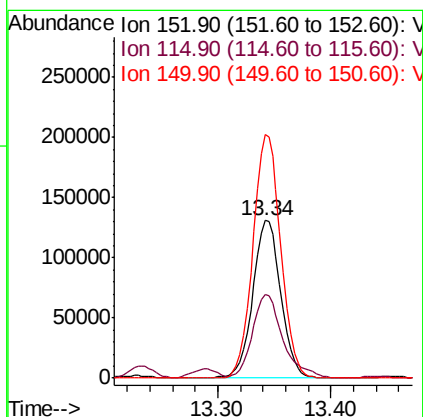
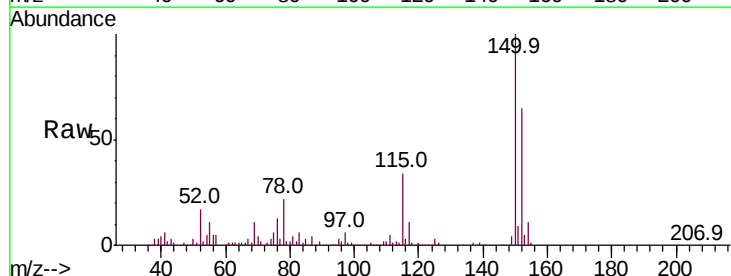
Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

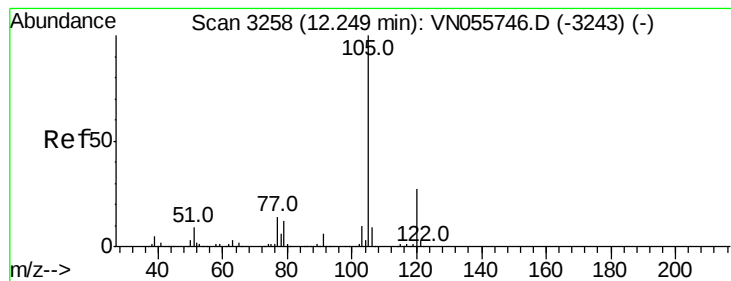
Tot Ion:117 Resp: 532101
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055788.D
Acq: 24 May 2019 11:57

Tgt Ion:152 Resp: 225529
Ion Ratio Lower Upper
152 100
115 57.1 27.0 81.0
150 152.2 0.0 343.2





#73

Isopropylbenzene

Concen: 1.249 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

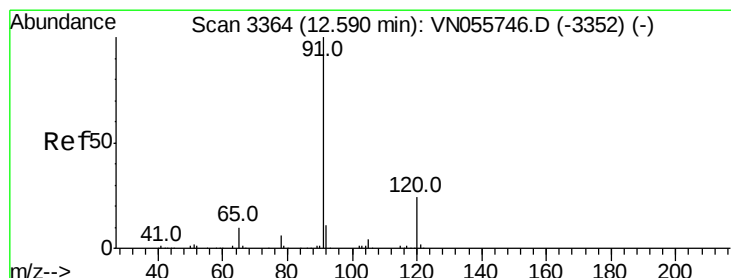
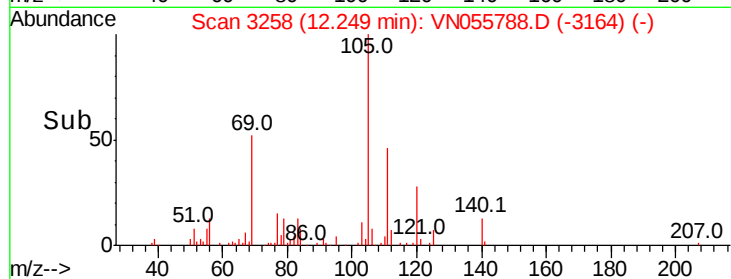
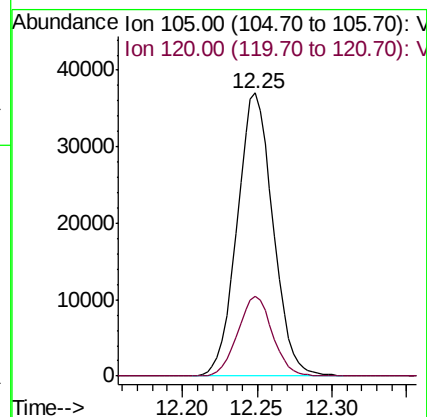
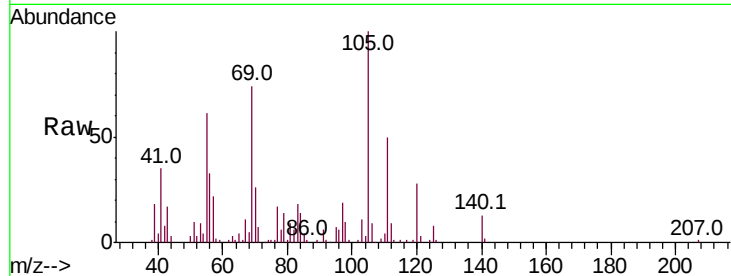
EP1-W-2R(14-17)

Tot Ion:105 Resp: 61761

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#78

n-propylbenzene

Concen: 11.498 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055788.D

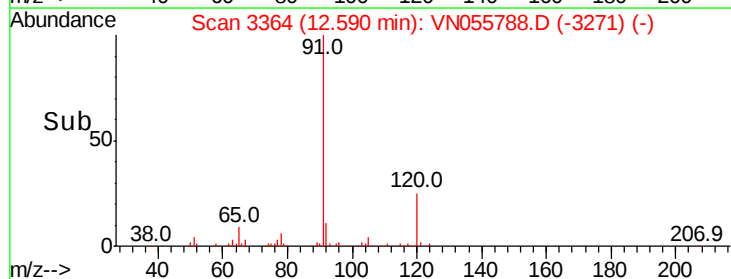
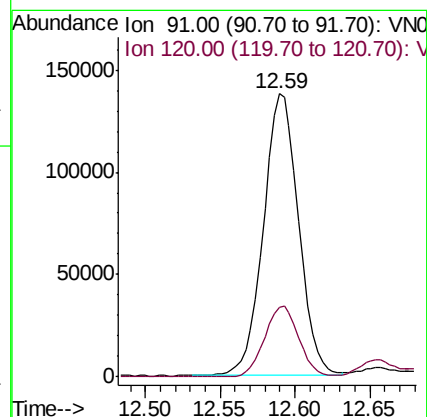
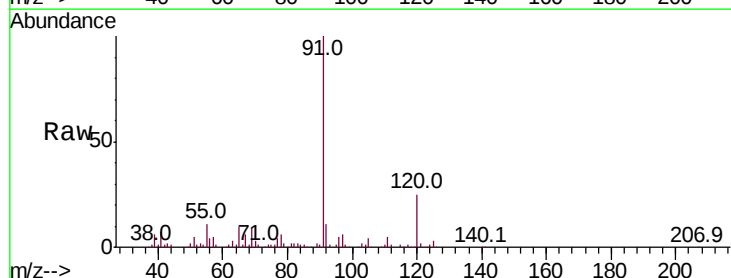
Acq: 24 May 2019 11:57

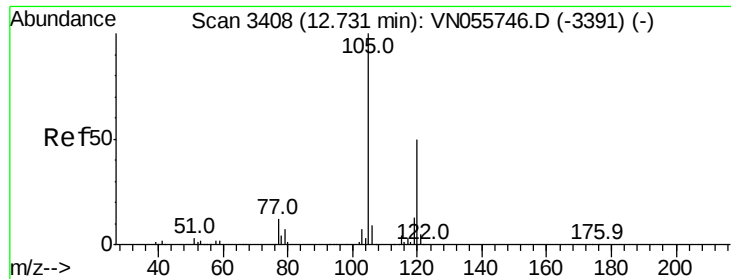
Tgt Ion: 91 Resp: 225373

Ion Ratio Lower Upper

91 100

120 24.5 12.0 36.0





#80

1,3,5-Trimethylbenzene

Concen: 11.837 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

Instrument :

MSVOA_N

ClientSampled :

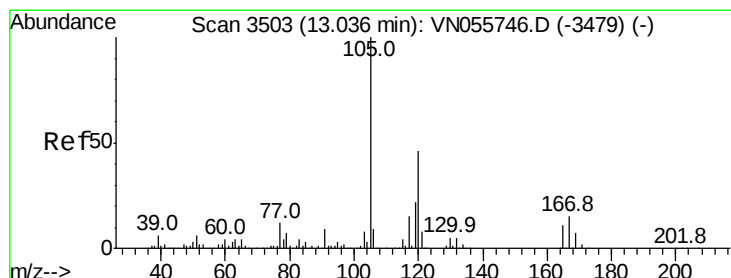
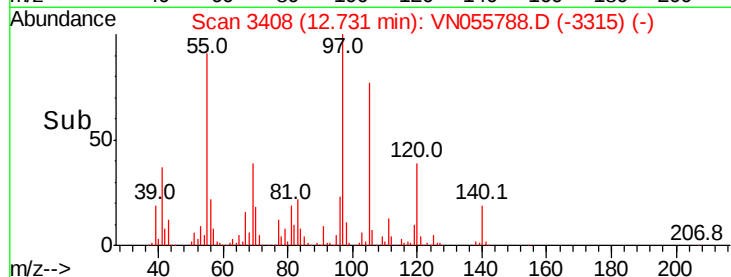
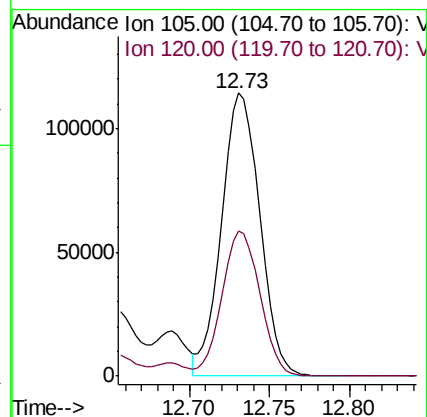
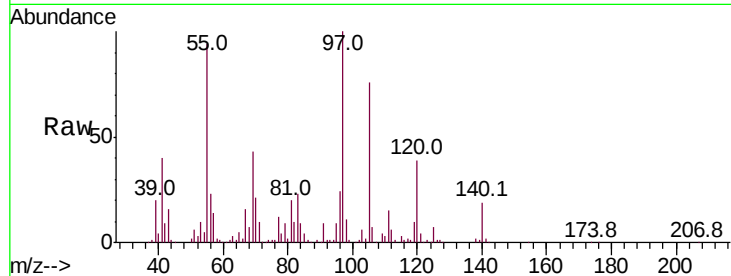
EP1-W-2R(14-17)

Tot Ion:105 Resp: 186229

Ion Ratio Lower Upper

105 100

120 51.2 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 82.025 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055788.D

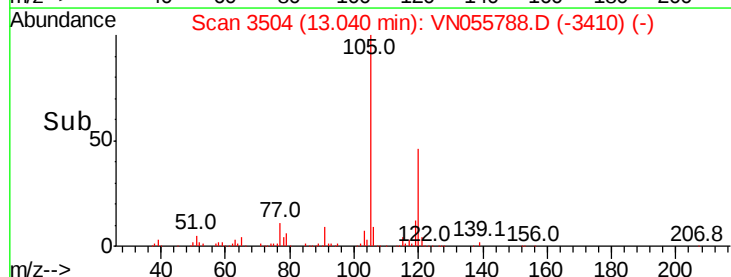
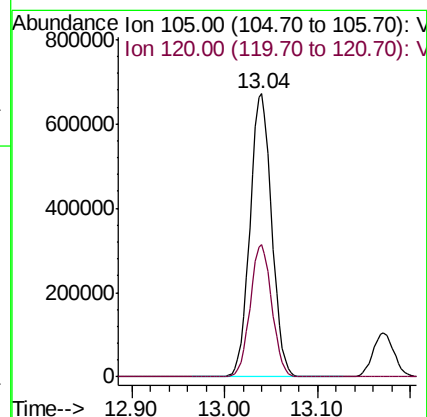
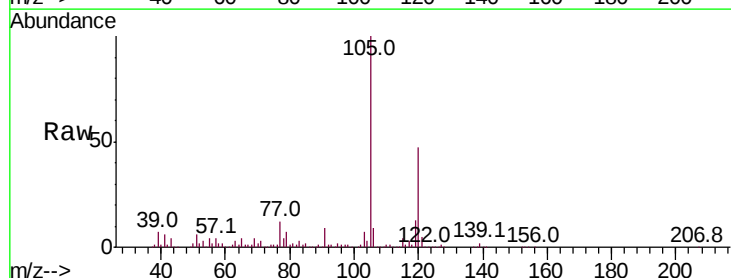
Acq: 24 May 2019 11:57

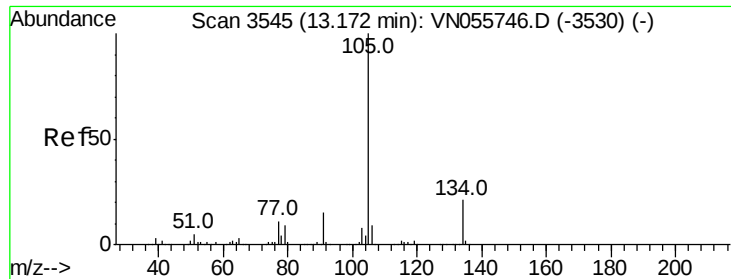
Tgt Ion:105 Resp: 1085613

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 8.957 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

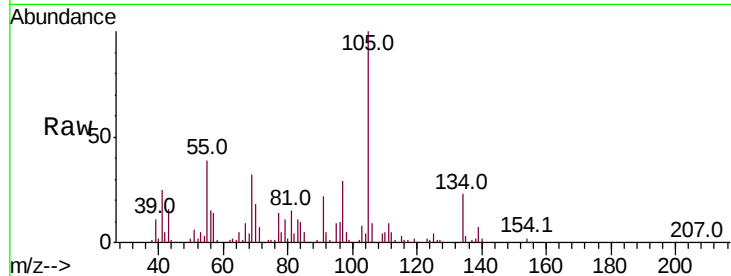
EP1-W-2R(14-17)

Tot Ion:105 Resp: 165420

Ion Ratio Lower Upper

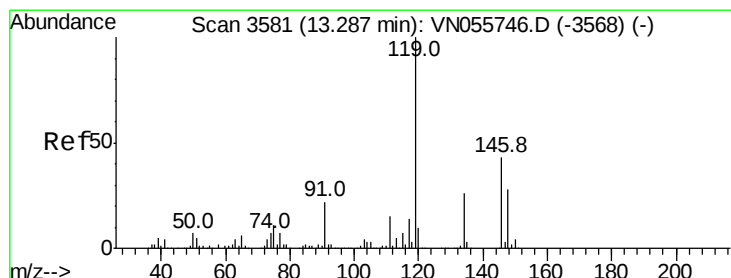
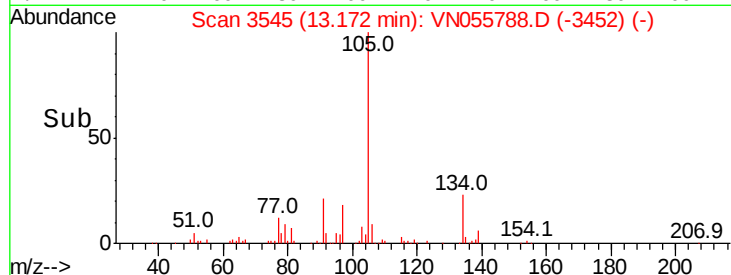
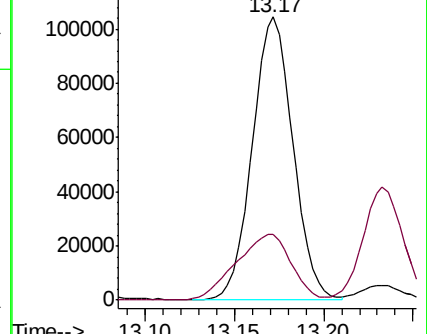
105 100

134 31.6 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.666 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

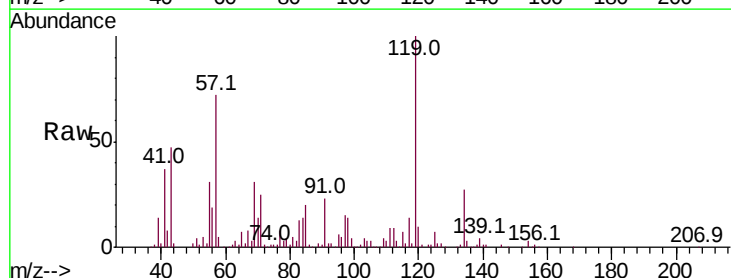
Tgt Ion:119 Resp: 167045

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

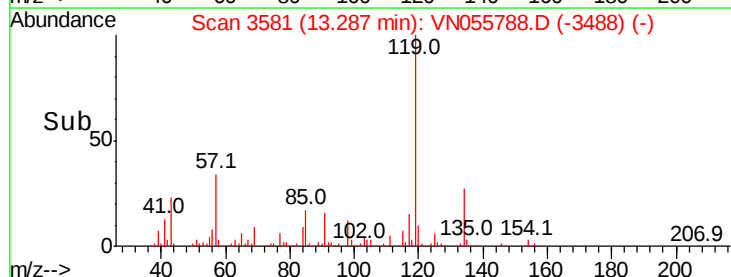
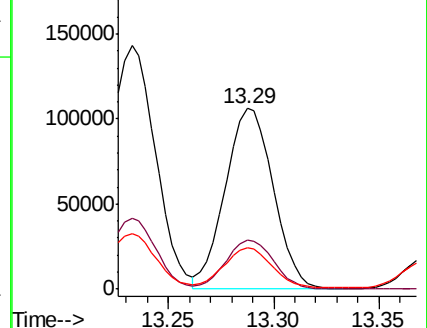
91 21.8 10.9 32.9

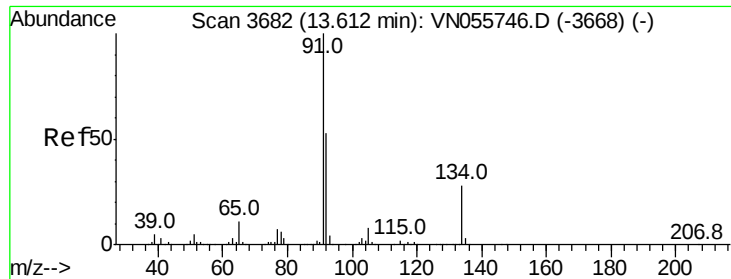


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 10.870 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055788.D

Acq: 24 May 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(14-17)

Tot Ion: 91 Resp: 130449

Ion Ratio Lower Upper

91 100

92 55.6 26.4 79.0

134 0.0 13.9 41.7#

