

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055791.D
 Acq On : 24 May 2019 13:12
 Operator : JC/SP
 Sample : K2977-04 100X
 Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Quant Time: May 24 14:16:48 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

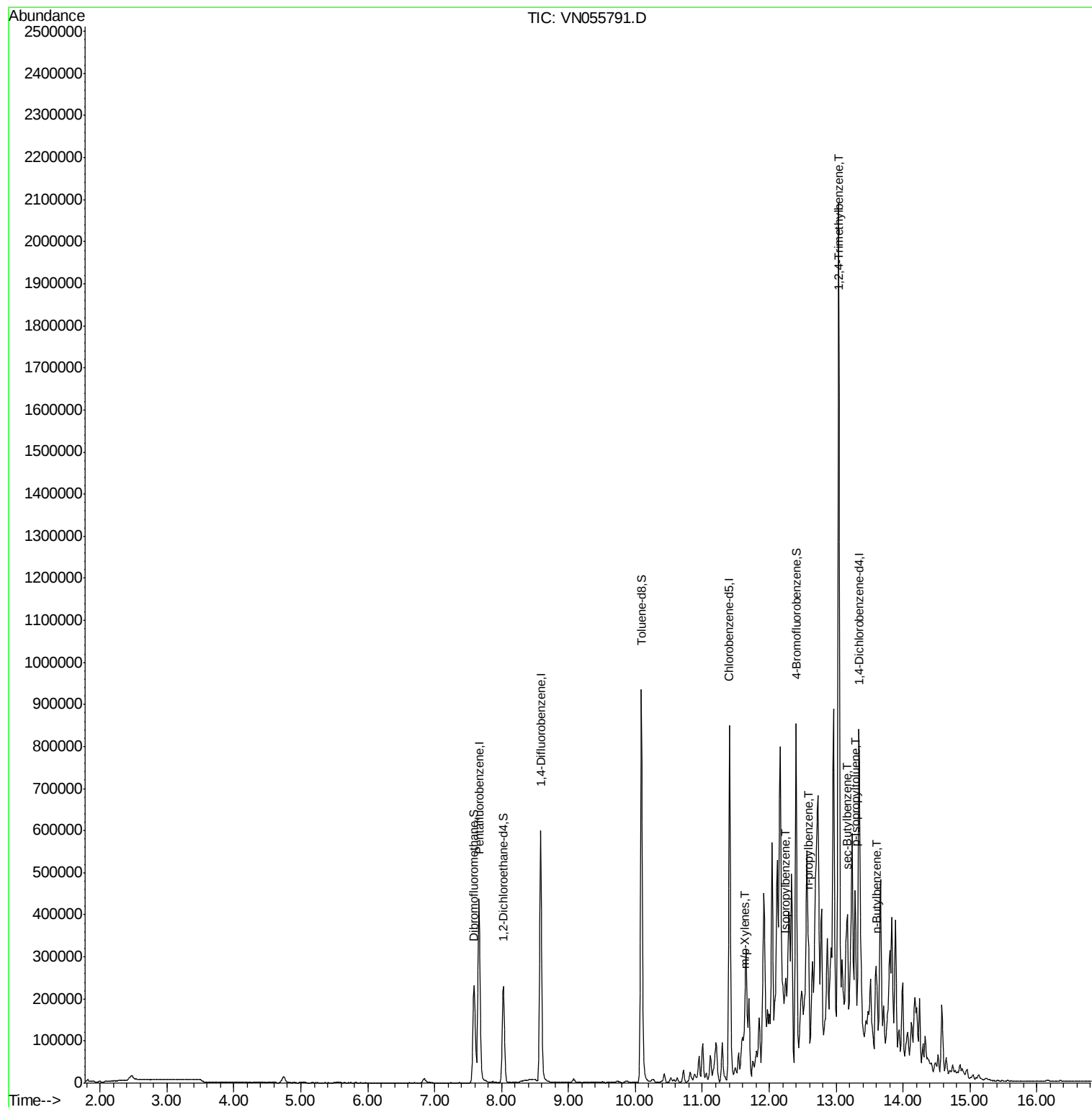
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	421562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	595306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194214	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
35) Dibromofluoromethane	7.59	113	177889	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.09	98	708832	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	245795	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.62	106	25438	3.410	ug/l	100
73) Isopropylbenzene	12.25	105	60948	1.077	ug/l	100
78) n-propylbenzene	12.59	91	188708	9.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1119906	82.112	ug/l	99
85) sec-Butylbenzene	13.17	105	115551	5.273	ug/l #	68
86) p-Isopropyltoluene	13.29	119	121155	7.506	ug/l	99
89) n-Butylbenzene	13.61	91	76939	6.221	ug/l #	72

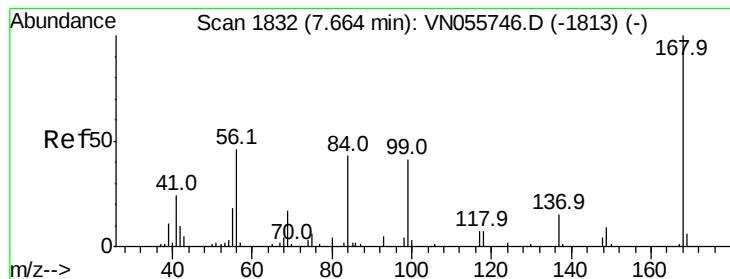
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-W-2R(17-20)

Quant Time: May 24 14:16:48 2019
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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: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

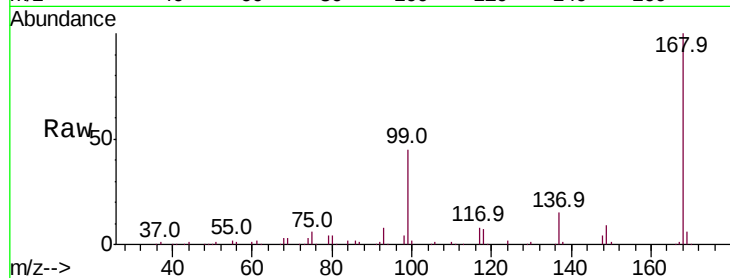
EP1-W-2R(17-20)

Tot Ion:168 Resp: 421562

Ion Ratio Lower Upper

168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055791.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055791.D (-1739) (-)

7.66

150000

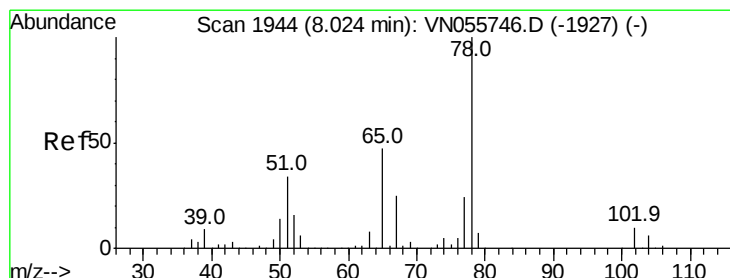
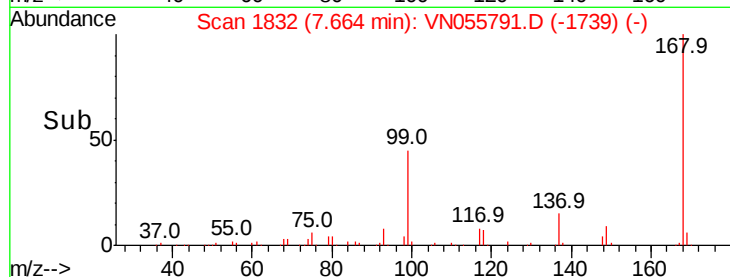
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.610 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055791.D

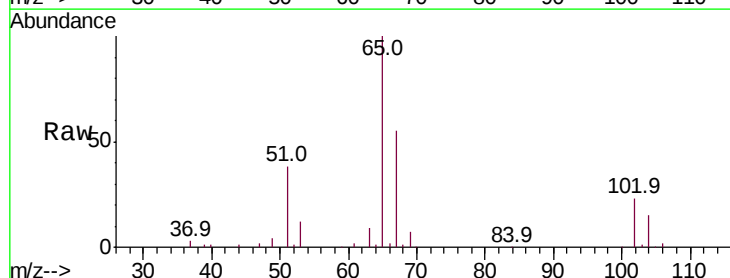
Acq: 24 May 2019 13:12

Tgt Ion: 65 Resp: 194214

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055791.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN055791.D (-1851) (-)

8.03

80000

60000

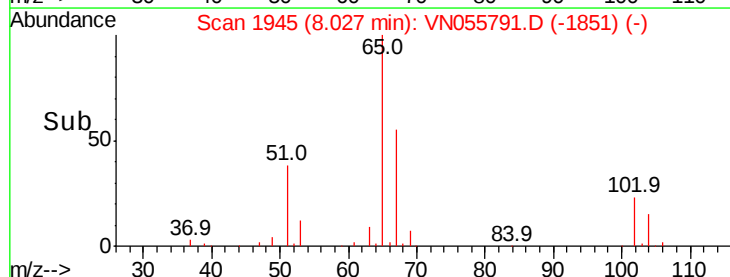
40000

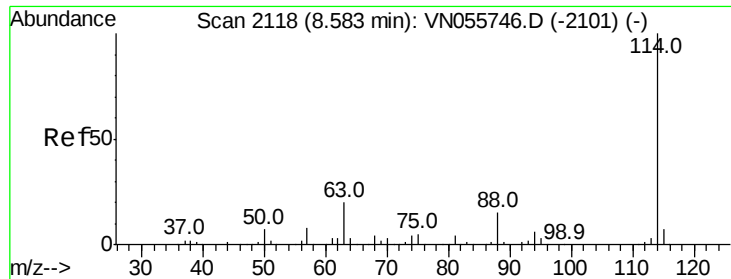
20000

0

7.90 8.00 8.10 8.20

Time-->

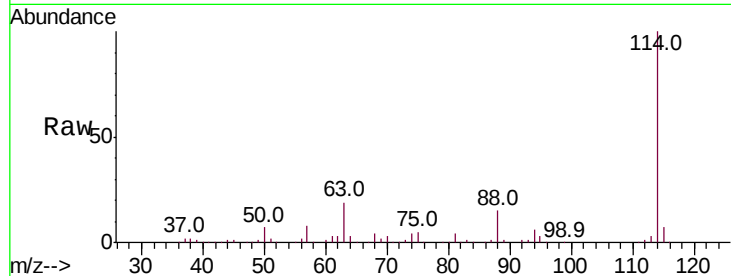




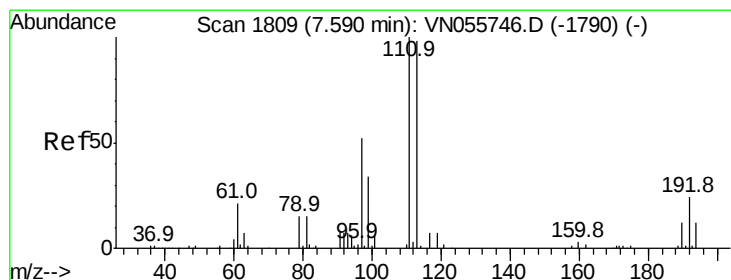
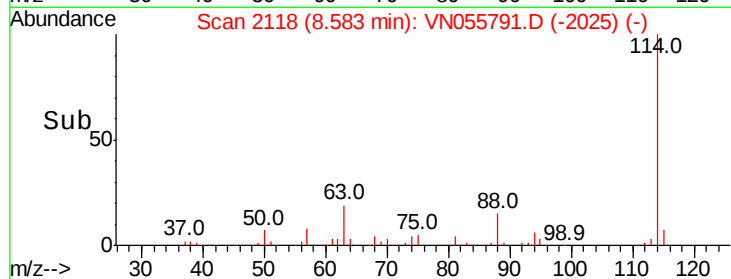
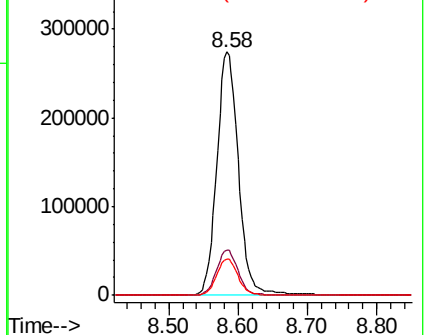
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-2R(17-20)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	15.0	0.0	31.0

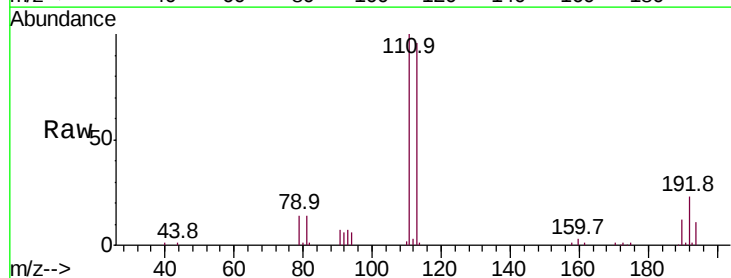


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

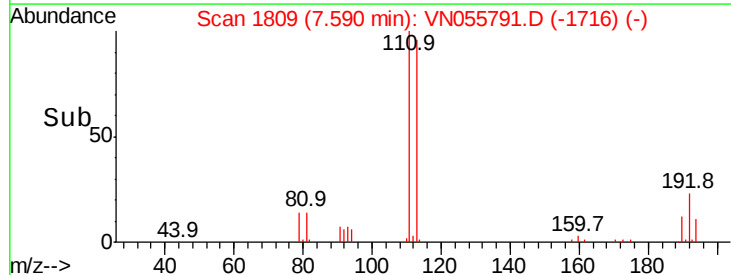
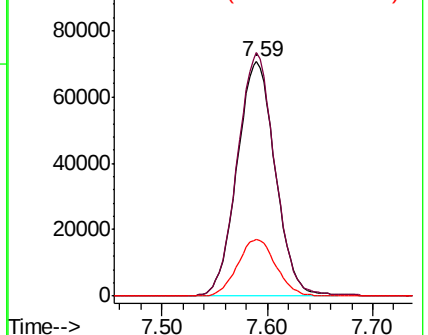


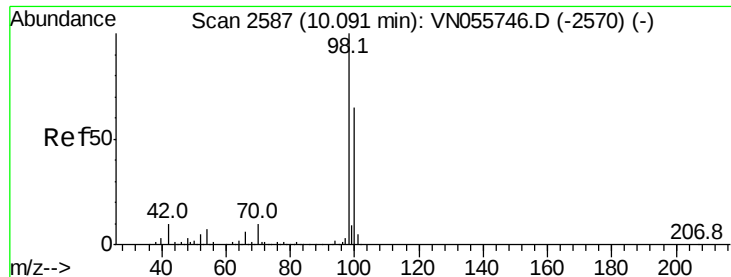
#35
 Dibromofluoromethane
 Concen: 47.264 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055791.D
 Acq: 24 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.2	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: 49.097 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

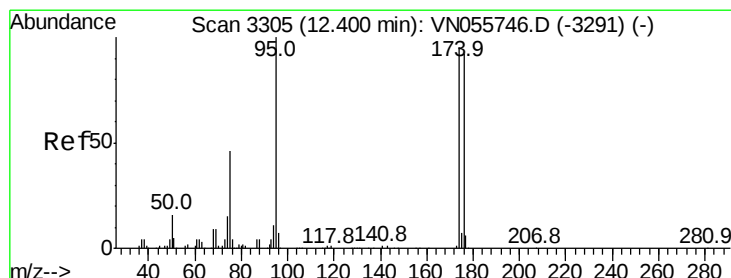
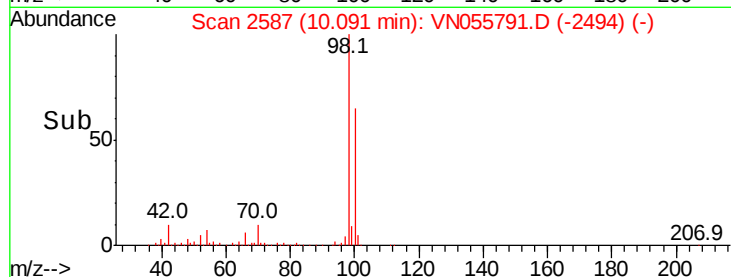
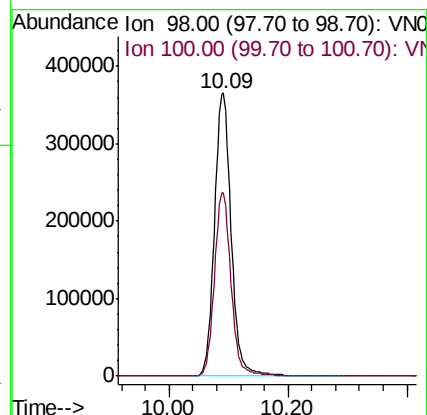
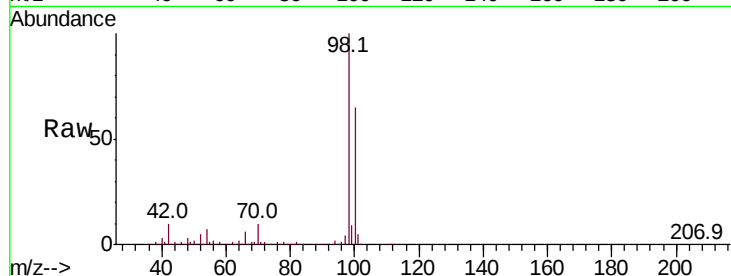
EP1-W-2R(17-20)

Tot Ion: 98 Resp: 708832

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.652 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

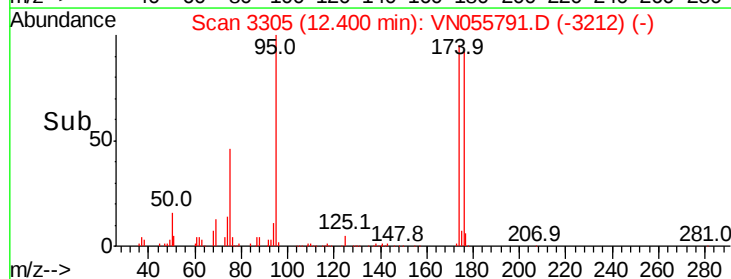
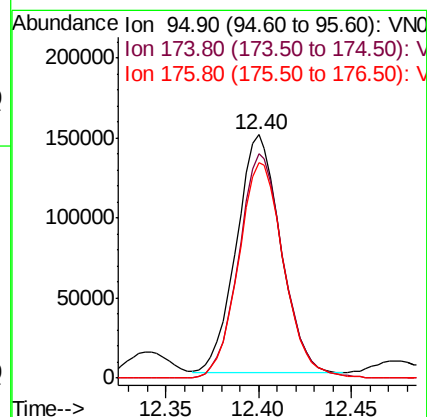
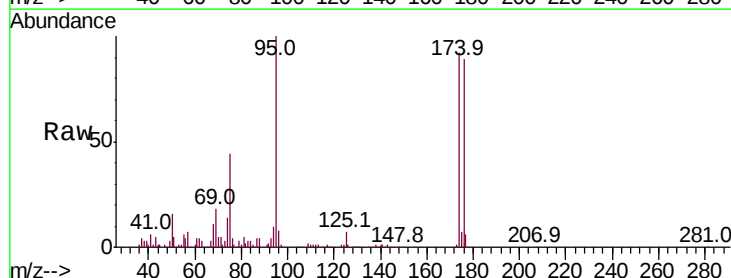
Tgt Ion: 95 Resp: 245795

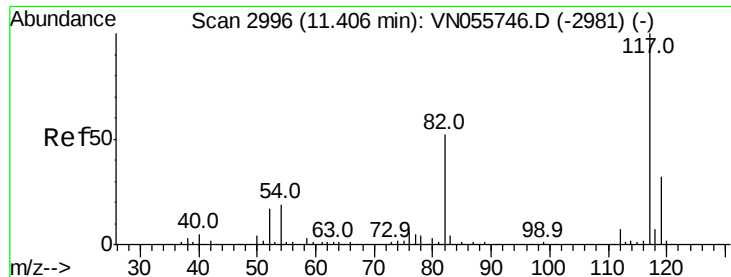
Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

176 93.1 0.0 185.2

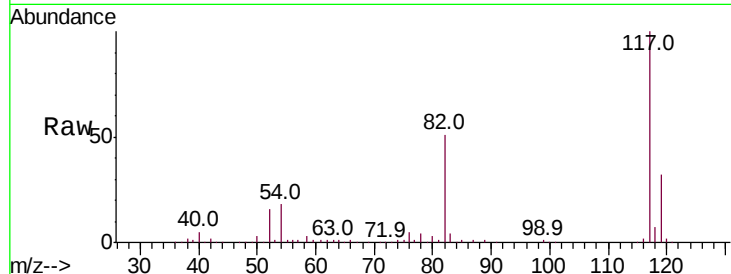




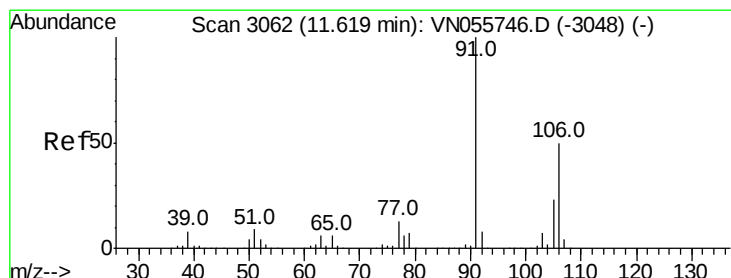
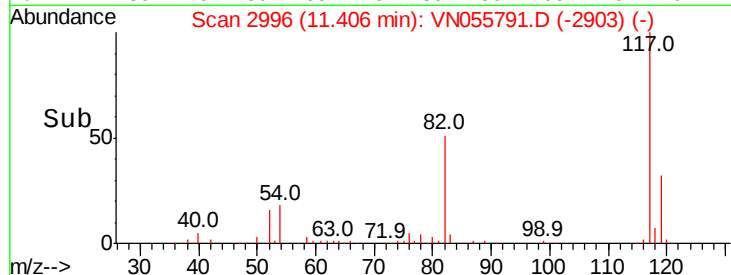
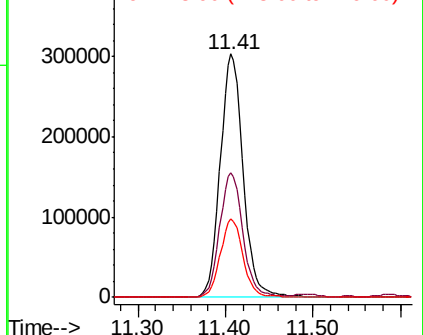
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tot Ion:117 Resp: 549729
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.1 25.4 38.0

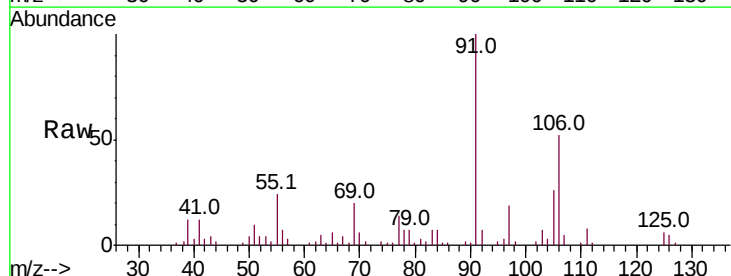


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

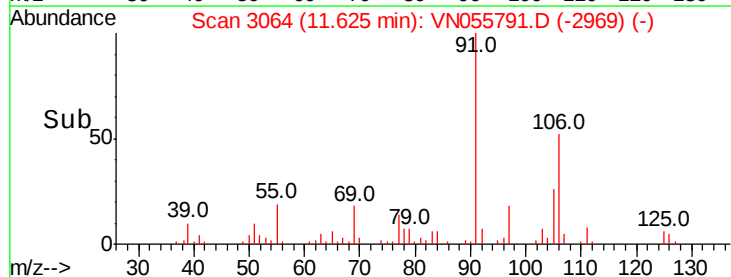
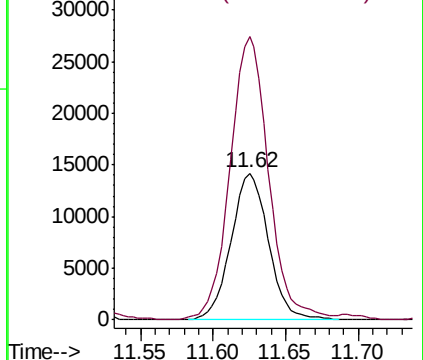


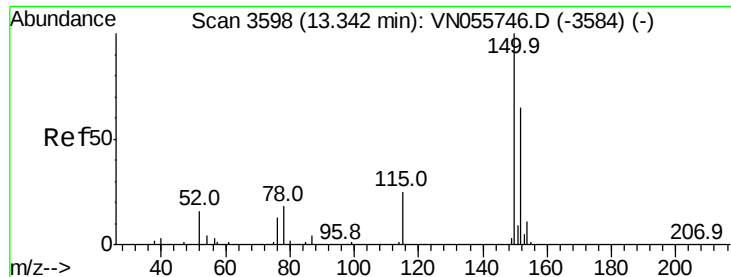
#68
m/p-Xylenes
Concen: 3.410 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055791.D
Acq: 24 May 2019 13:12

Tgt Ion:106 Resp: 25438
Ion Ratio Lower Upper
106 100
91 199.0 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(17-20)

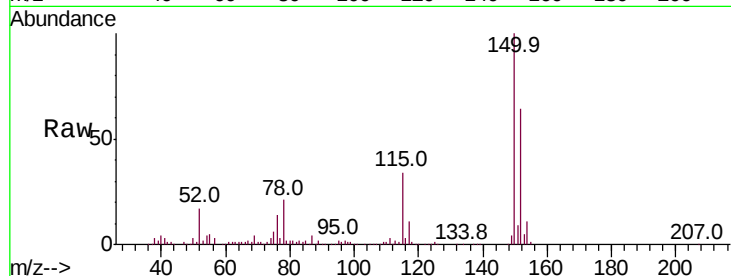
Tot Ion:152 Resp: 232415

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

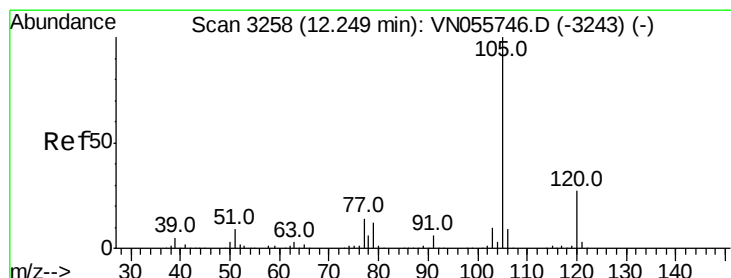
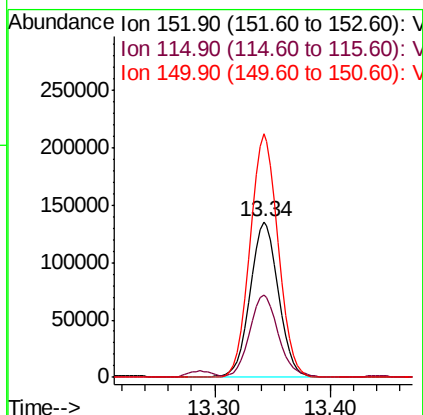
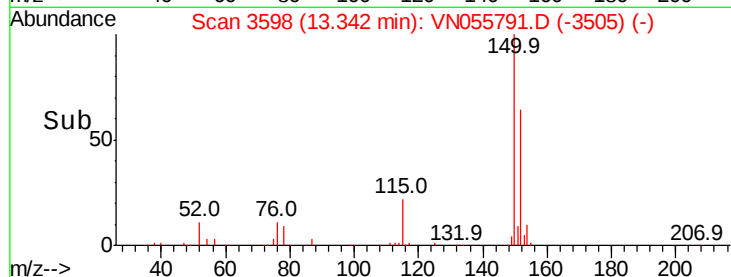
150 154.4 0.0 343.2



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: 1.077 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055791.D

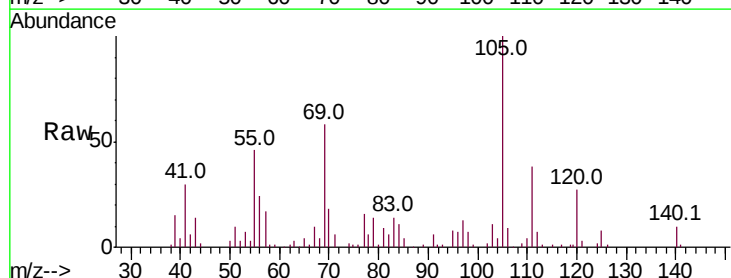
Acq: 24 May 2019 13:12

Tgt Ion:105 Resp: 60948

Ion Ratio Lower Upper

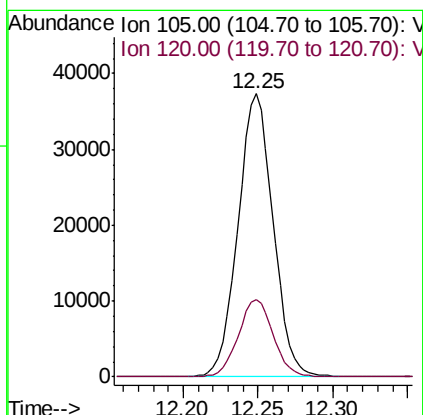
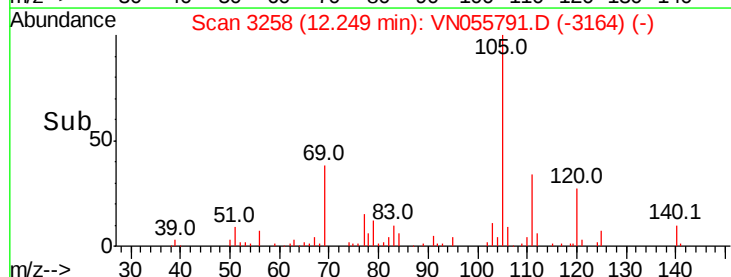
105 100

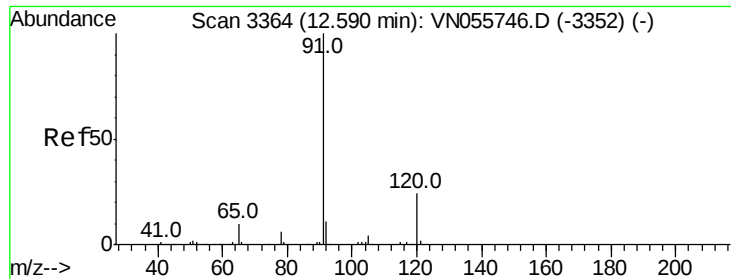
120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 9.342 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

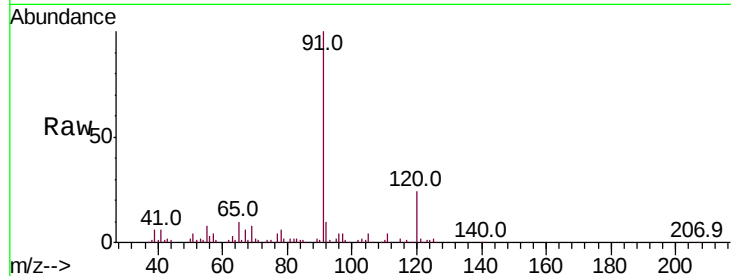
EP1-W-2R(17-20)

Tot Ion: 91 Resp: 188708

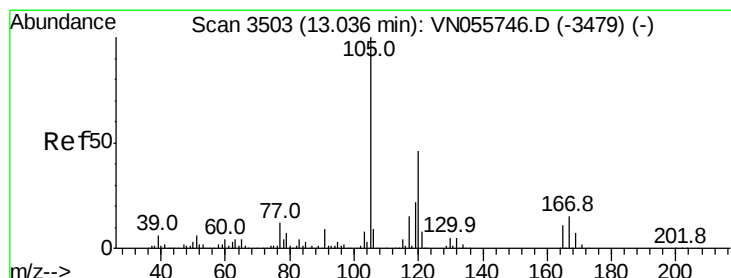
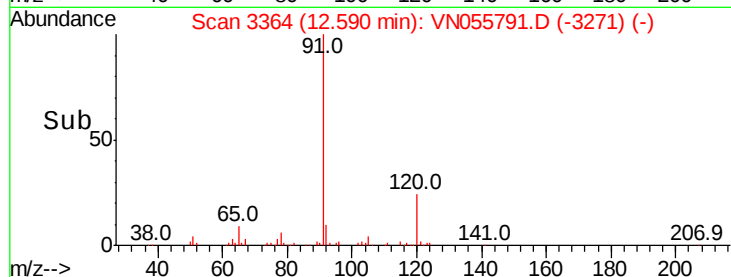
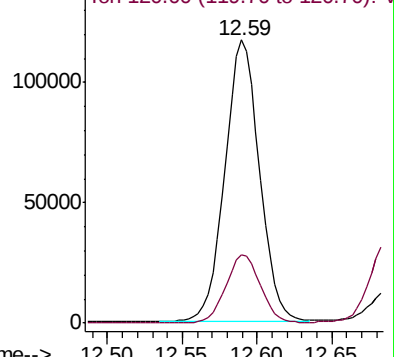
Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3352) (-)



#84

1,2,4-Trimethylbenzene

Concen: 82.112 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055791.D

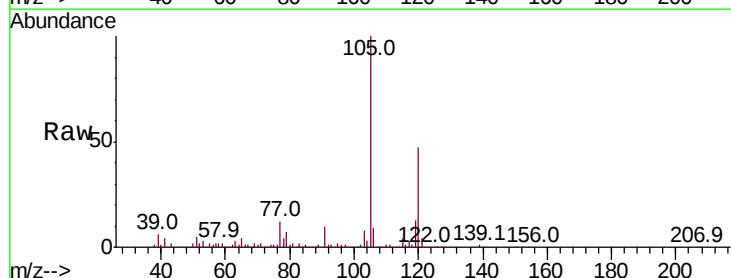
Acq: 24 May 2019 13:12

Tgt Ion:105 Resp: 1119906

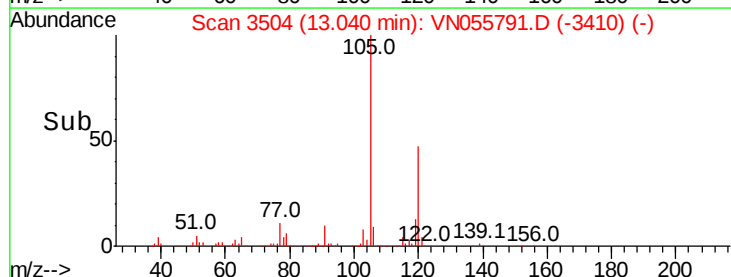
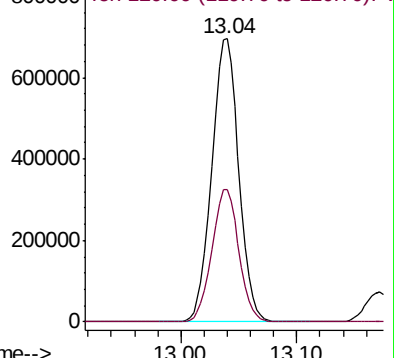
Ion Ratio Lower Upper

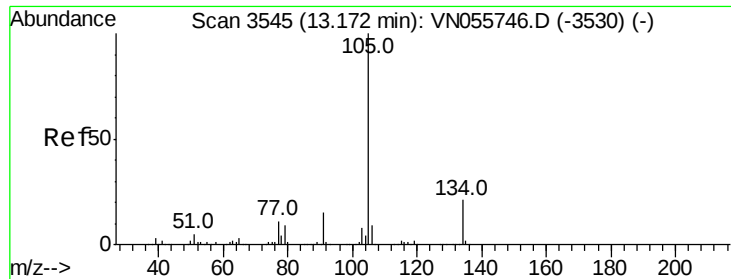
105 100

120 46.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3479) (-)





#85

sec-Butylbenzene

Concen: 5.273 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

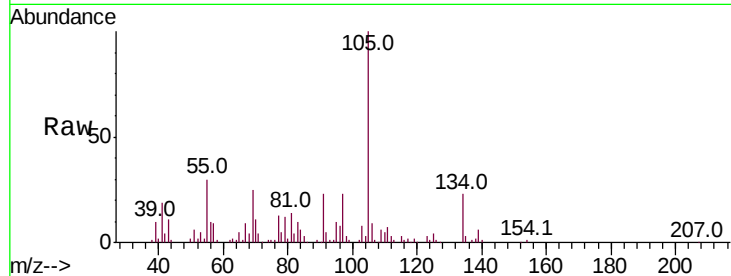
EP1-W-2R(17-20)

Tot Ion:105 Resp: 115551

Ion Ratio Lower Upper

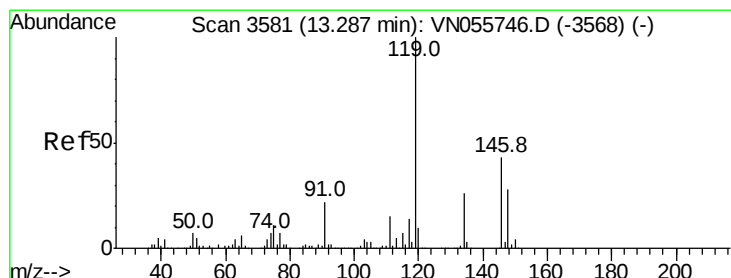
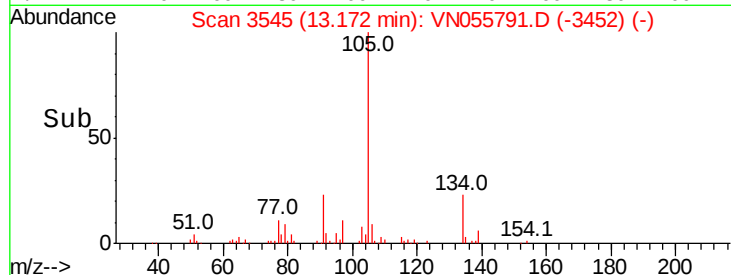
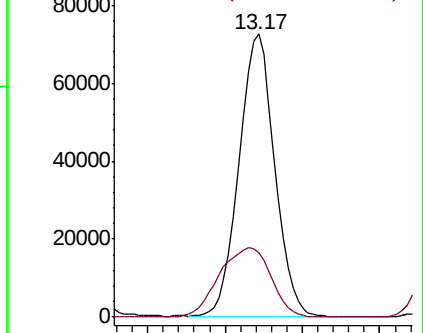
105 100

134 35.9 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: 7.506 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

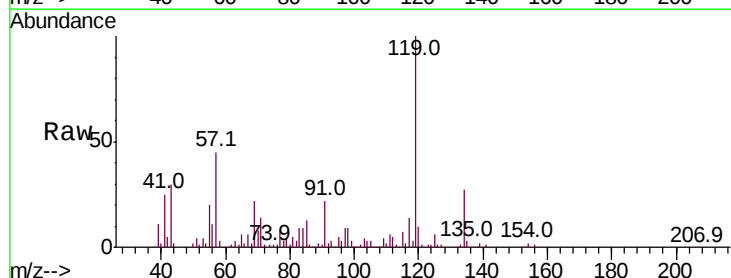
Tgt Ion:119 Resp: 121155

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

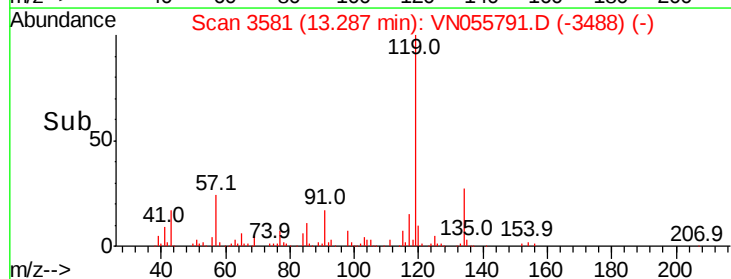
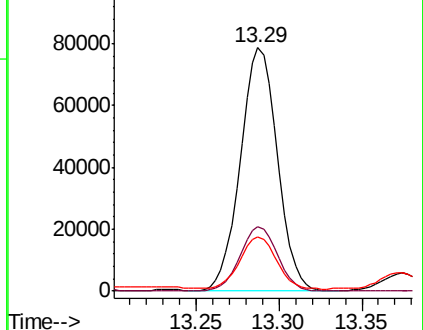
91 21.5 10.9 32.9

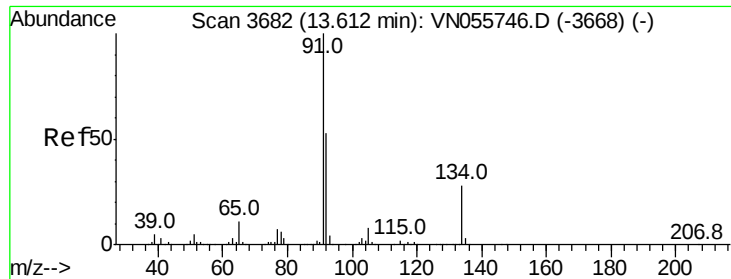


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 6.221 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055791.D

Acq: 24 May 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-2R(17-20)

Tot Ion: 91 Resp: 76939

Ion Ratio Lower Upper

91 100

92 50.2 26.4 79.0

134 67.4 13.9 41.7#

