

Data File : VN055388.D
Acq On : 3 May 2019 14:32
Operator : JC/SP
Sample : K2658-12DL 100X
Misc : 6.07g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

Quant Time: May 04 00:23:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	448492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	781948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	700879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	256606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	309151	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	243047	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	10.09	98	953366	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	328537	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

Target Compounds

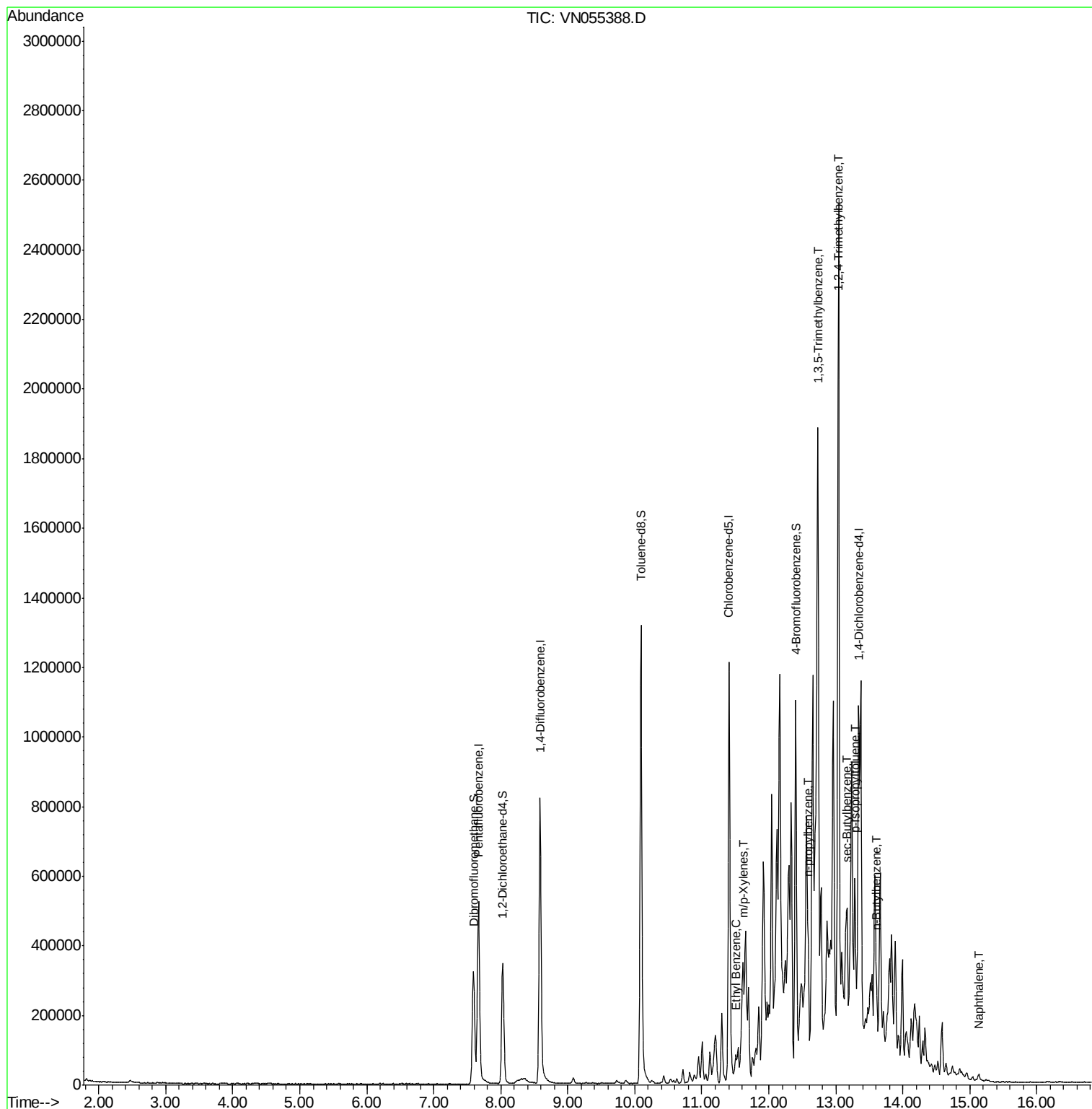
						Qvalue
67) Ethyl Benzene	11.51	91	43583	1.761	ug/l	97
68) m/p-Xylenes	11.62	106	91654	10.377	ug/l	95
78) n-propylbenzene	12.59	91	225038	8.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	541758	26.930	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1286748	71.519	ug/l	100
85) sec-Butylbenzene	13.17	105	132180	6.045	ug/l #	66
86) p-Isopropyltoluene	13.29	119	138226	7.691	ug/l	99
89) n-Butylbenzene	13.61	91	73837	5.782	ug/l #	78
95) Naphthalene	15.13	128	16986	5.551	ug/l #	96

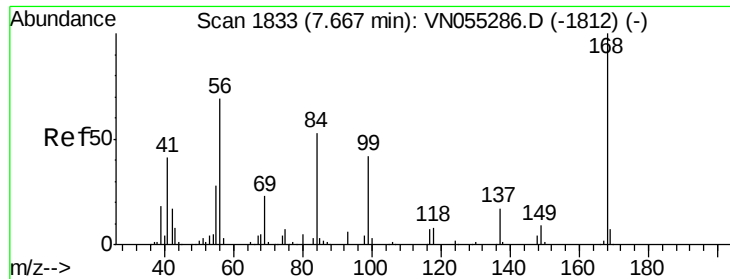
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-E2-3(17-20)DL

Quant Time: May 04 00:23:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

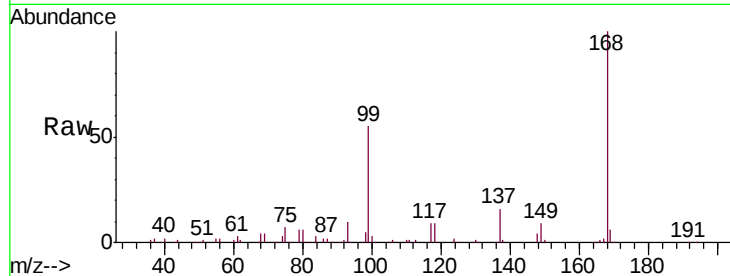
EP1-SB-E2-3(17-20)DL

Tgt Ion:168 Resp: 448492

Ion Ratio Lower Upper

168 100

99 55.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

200000

150000

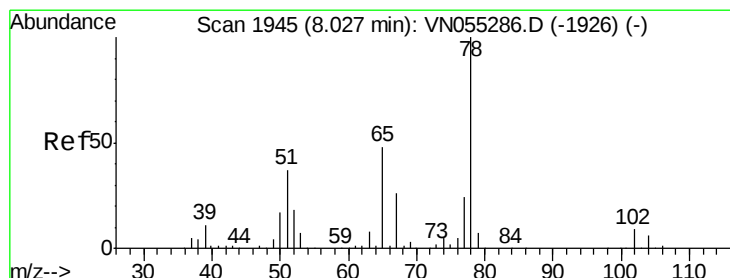
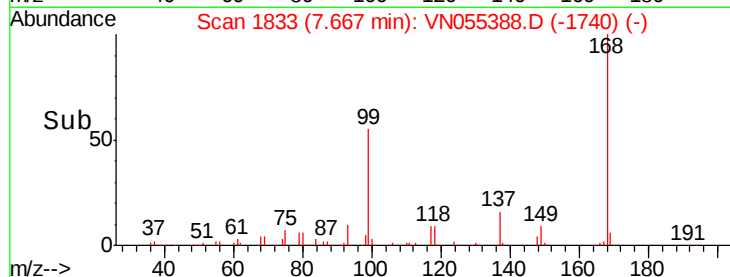
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.691 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055388.D

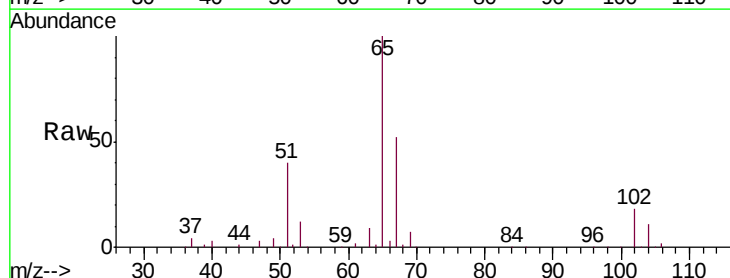
Acq: 3 May 2019 14:32

Tgt Ion: 65 Resp: 309151

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

8.03

150000

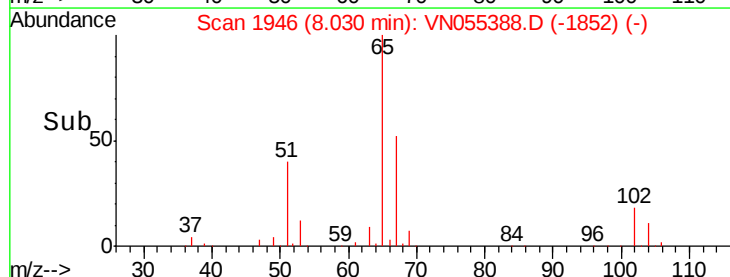
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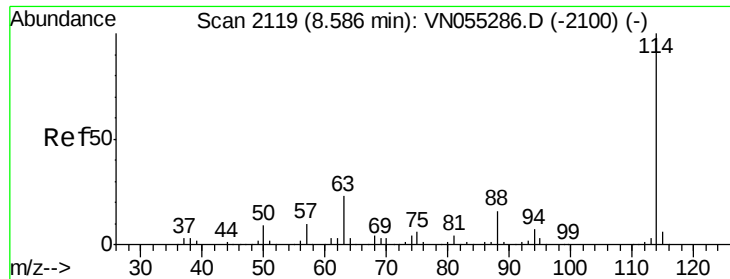
50000

0

7.90 8.00 8.10 8.20

Time-->

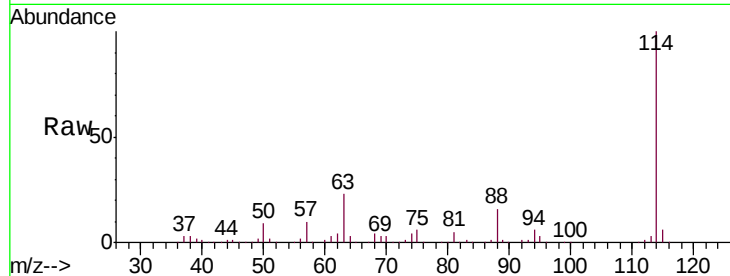




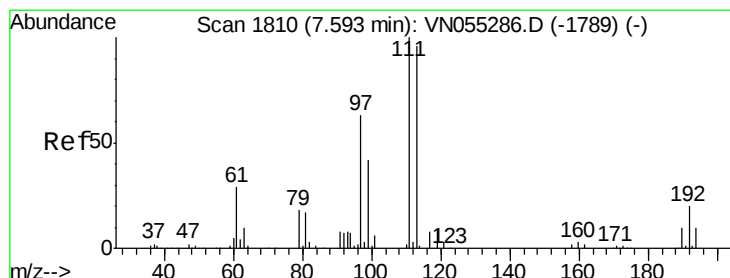
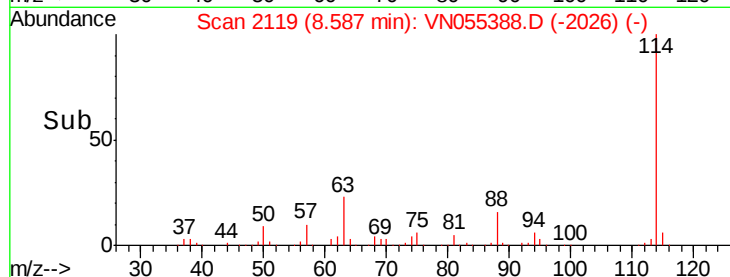
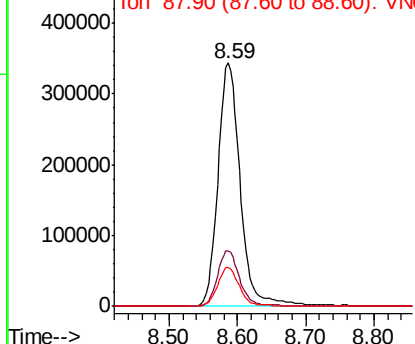
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

Tgt Ion:114 Resp: 781948
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.2
88 16.0 0.0 31.6

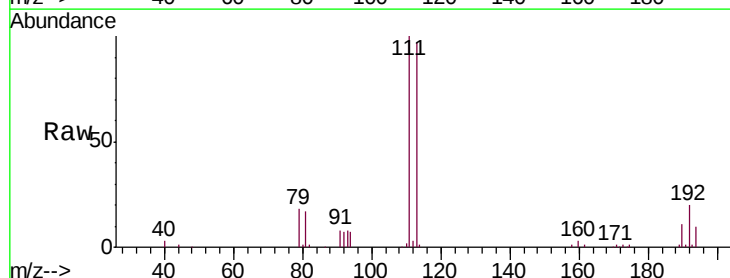


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

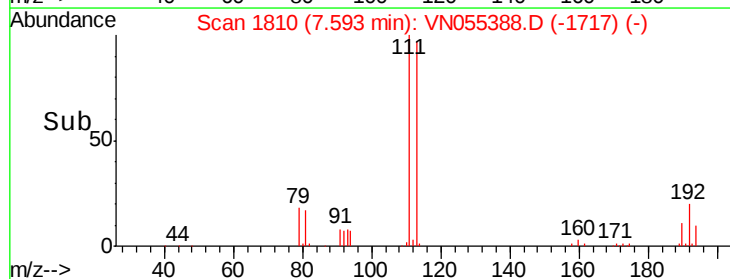
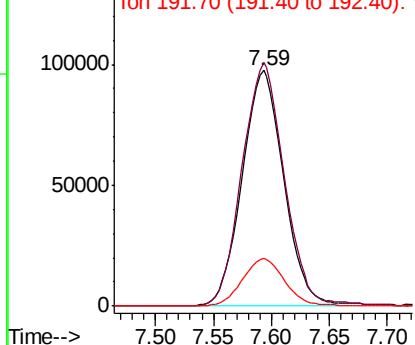


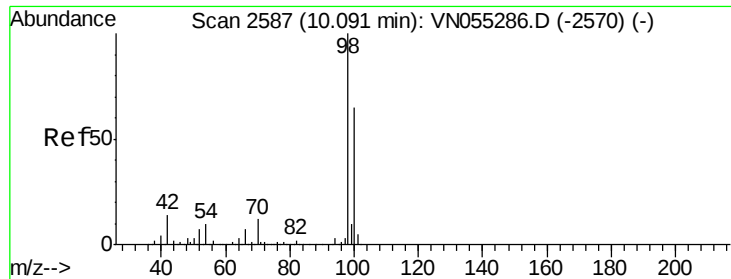
#35
Dibromofluoromethane
Concen: 47.355 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion:113 Resp: 243047
Ion Ratio Lower Upper
113 100
111 105.4 82.3 123.5
192 20.5 17.0 25.6



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: 51.442 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

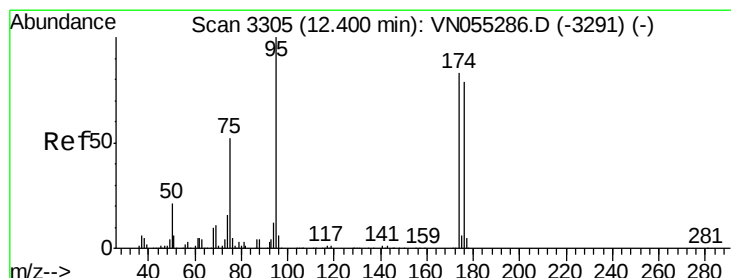
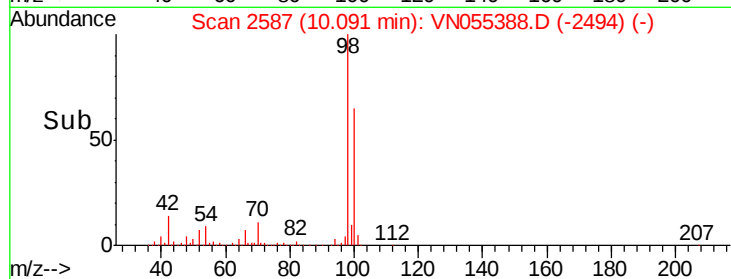
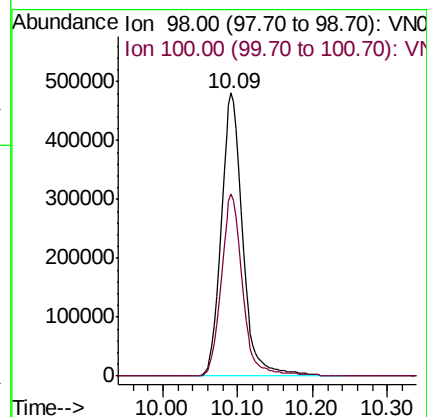
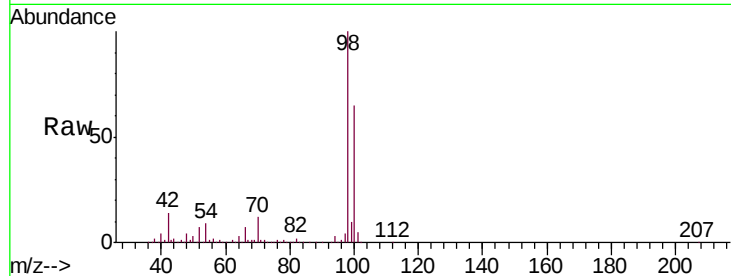
EP1-SB-E2-3(17-20)DL

Tgt Ion: 98 Resp: 953366

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 56.721 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

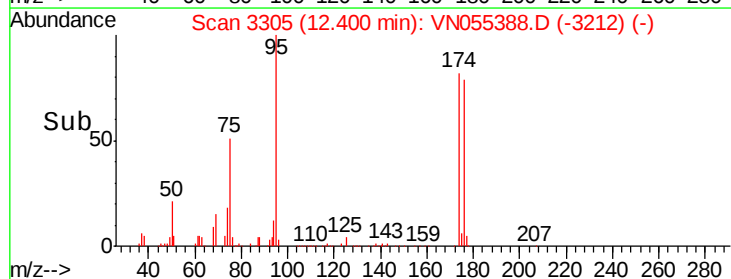
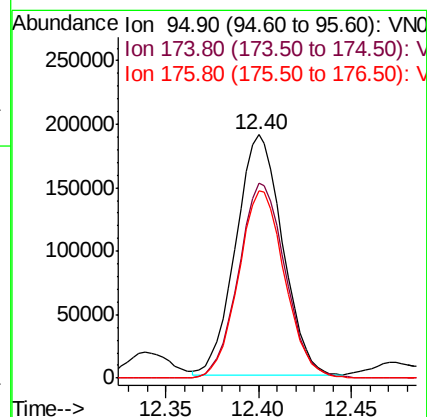
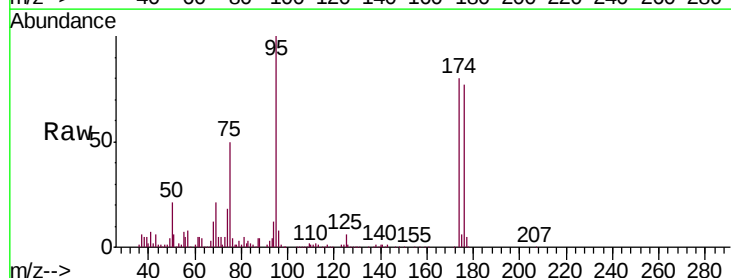
Tgt Ion: 95 Resp: 328537

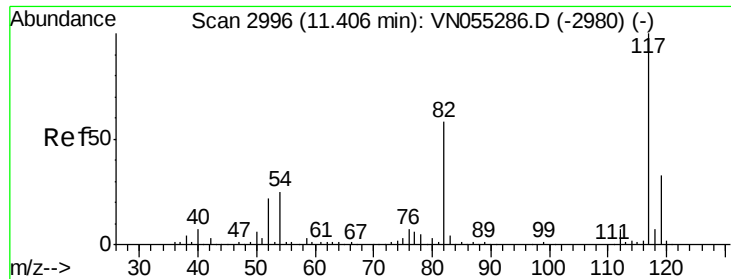
Ion Ratio Lower Upper

95 100

174 81.9 0.0 166.6

176 77.9 0.0 157.8

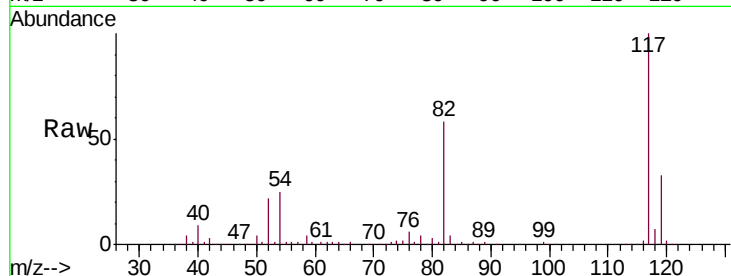




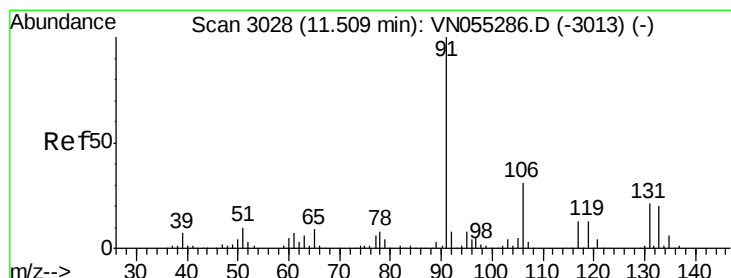
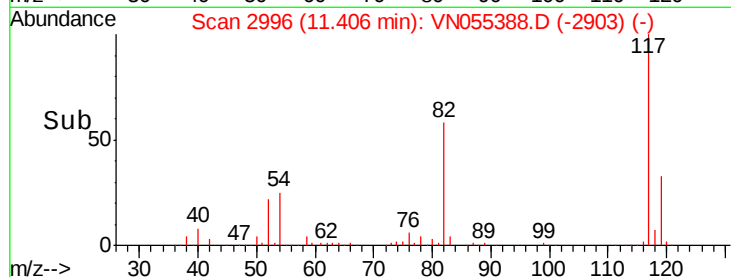
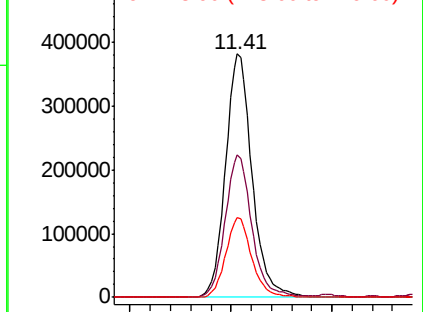
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

Tgt Ion: 117 Resp: 700879
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.8 26.6 40.0

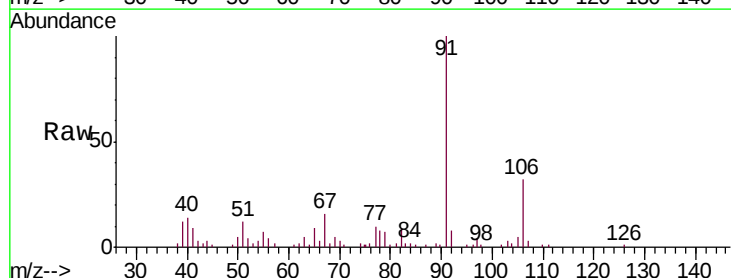


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

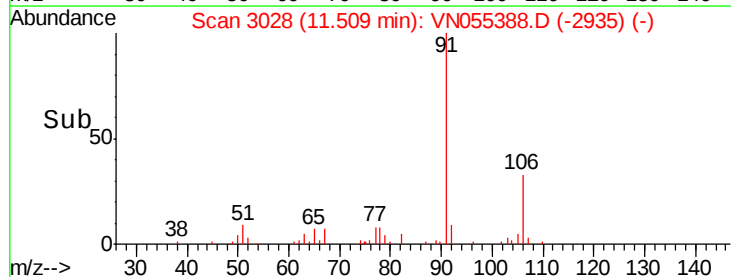
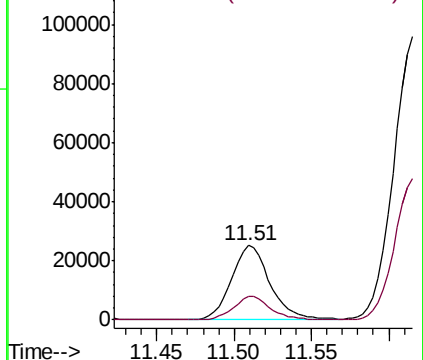


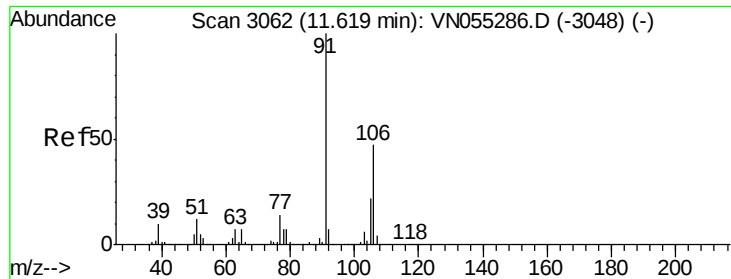
#67
Ethyl Benzene
Concen: 1.761 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion: 91 Resp: 43583
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



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

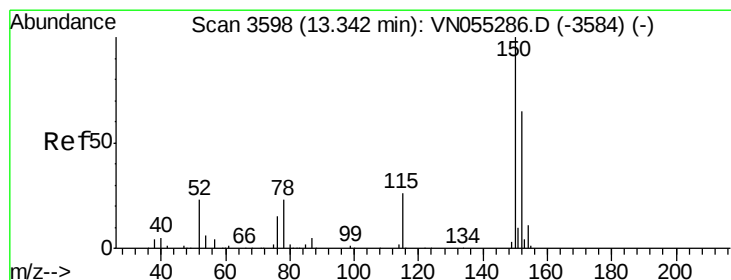
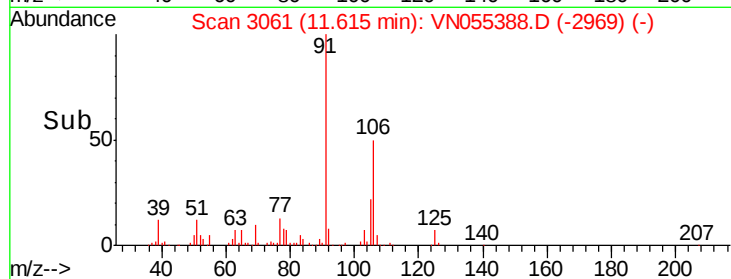
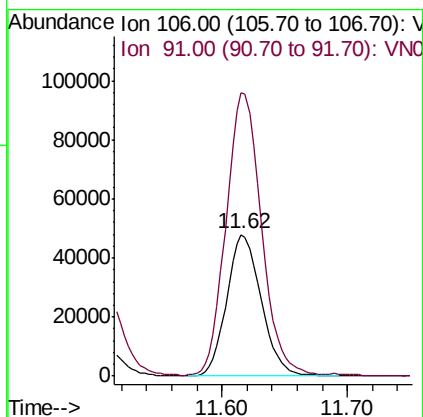
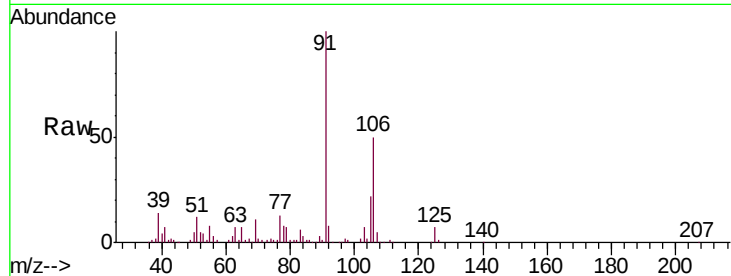




#68
m/p-Xylenes
Concen: 10.377 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

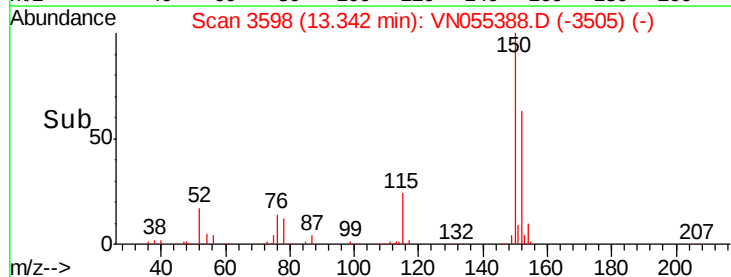
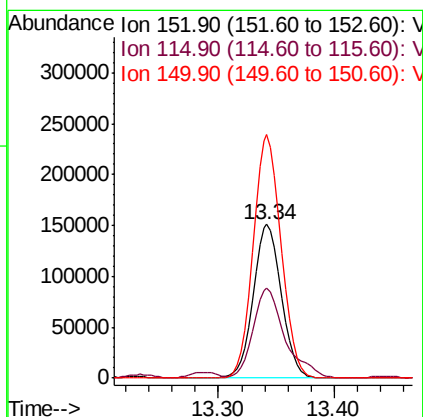
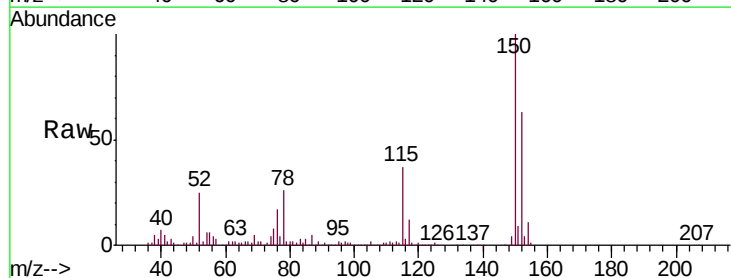
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

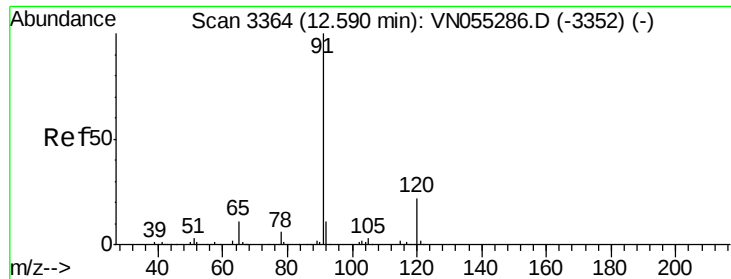
Tgt Ion:106 Resp: 91654
Ion Ratio Lower Upper
106 100
91 203.6 169.5 254.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion:152 Resp: 256606
Ion Ratio Lower Upper
152 100
115 65.8 29.0 87.0
150 156.5 0.0 345.6





#78

n-propylbenzene

Concen: 8.537 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055388.D

Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

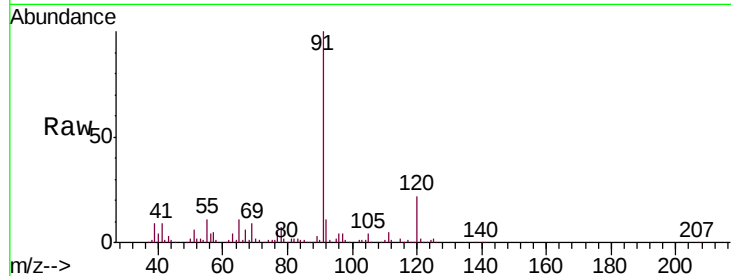
EP1-SB-E2-3(17-20)DL

Tgt Ion: 91 Resp: 225038

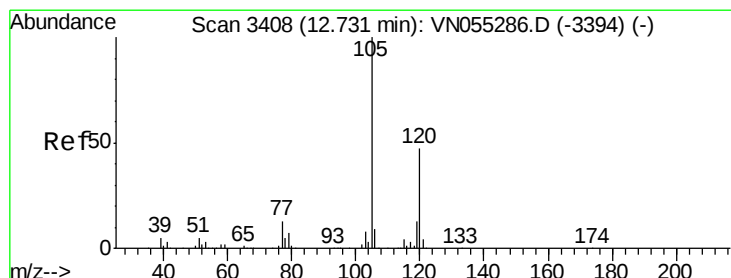
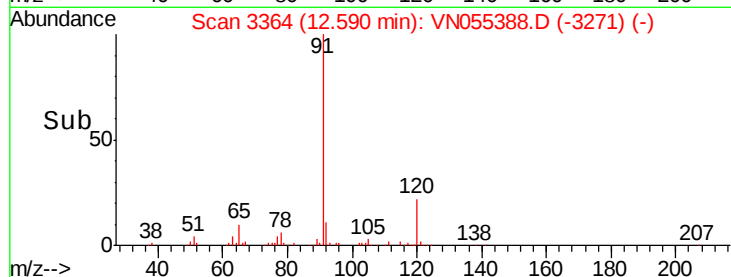
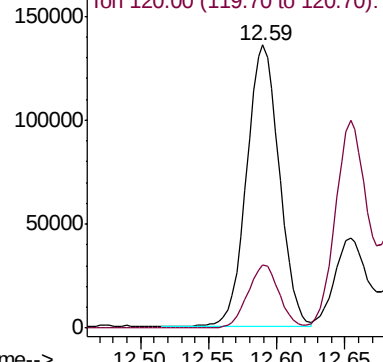
Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055388.D (-3271) (-)



#80

1,3,5-Trimethylbenzene

Concen: 26.930 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055388.D

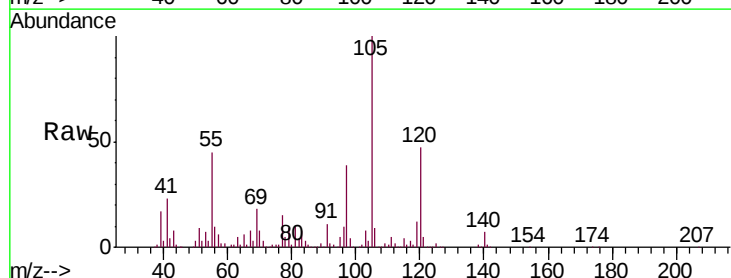
Acq: 3 May 2019 14:32

Tgt Ion: 105 Resp: 541758

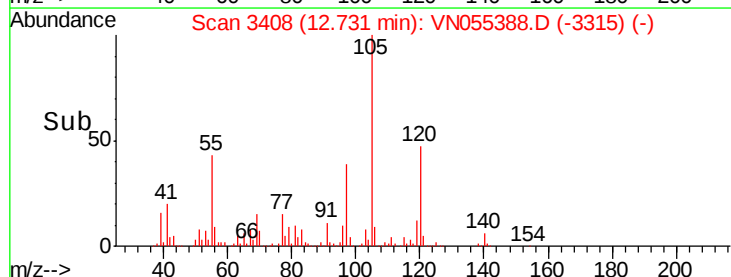
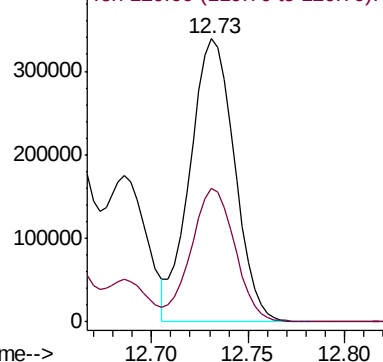
Ion Ratio Lower Upper

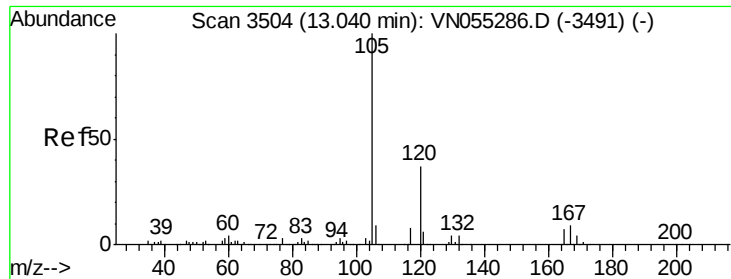
105 100

120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055388.D (-3315) (-)

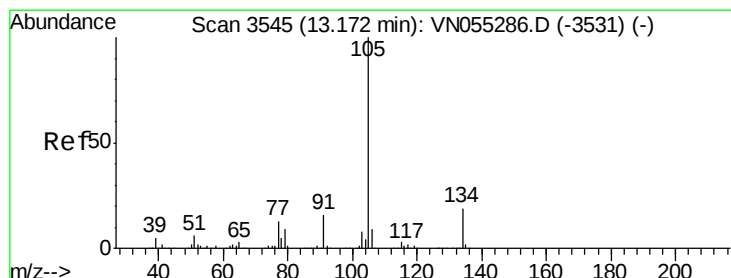
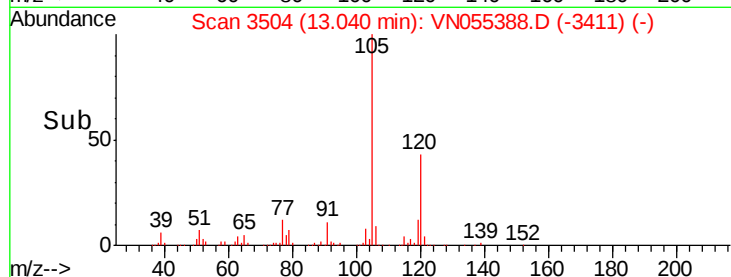
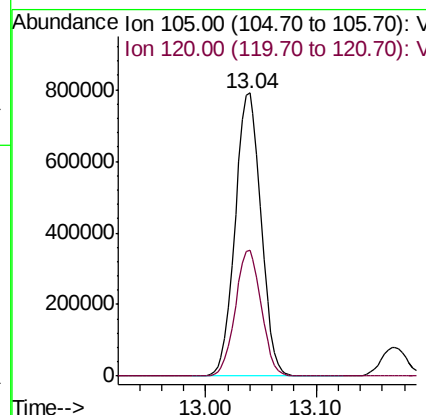
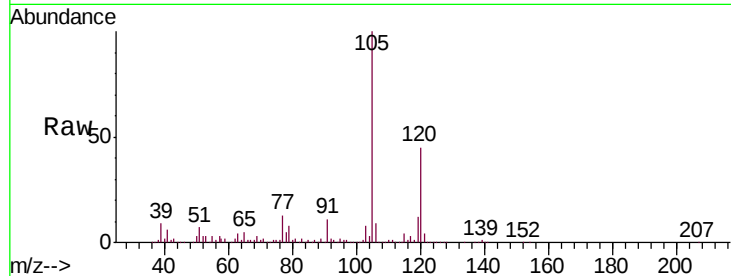




#84
 1,2,4-Trimethylbenzene
 Concen: 71.519 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

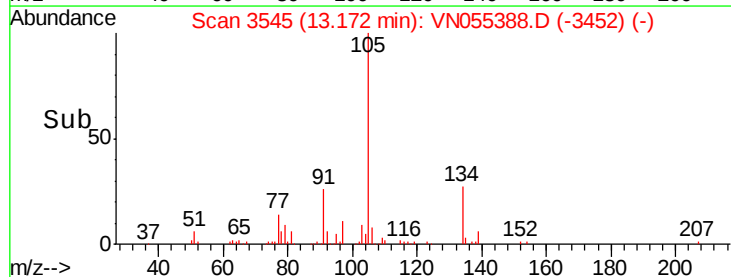
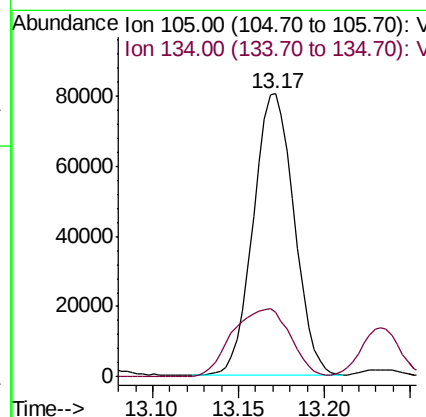
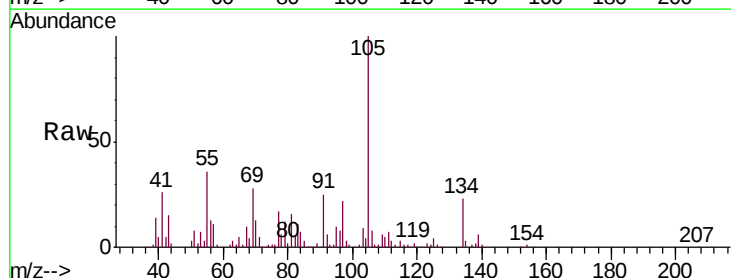
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(17-20)DL

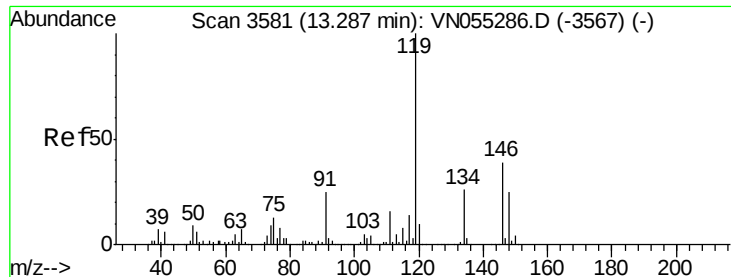
Tgt Ion:105 Resp: 1286748
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 6.045 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055388.D
 Acq: 3 May 2019 14:32

Tgt Ion:105 Resp: 132180
 Ion Ratio Lower Upper
 105 100
 134 34.7 9.6 28.8#

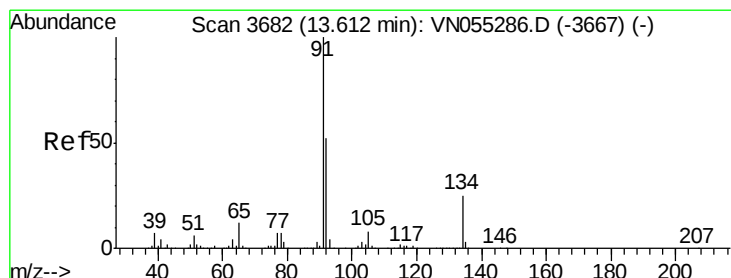
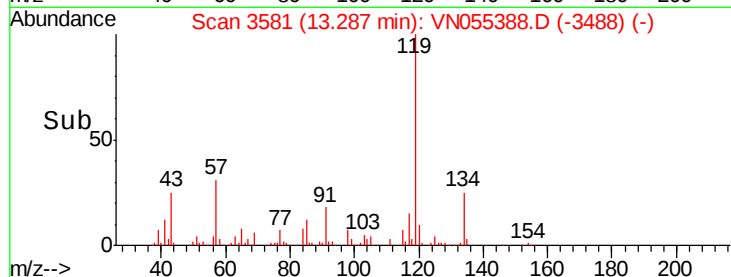
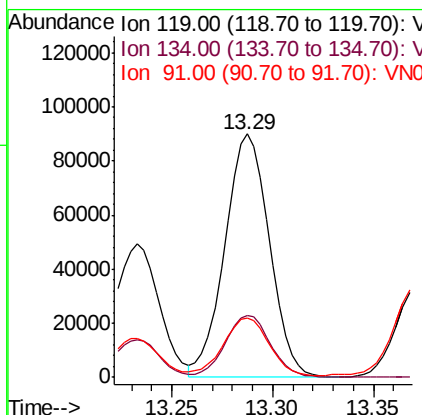
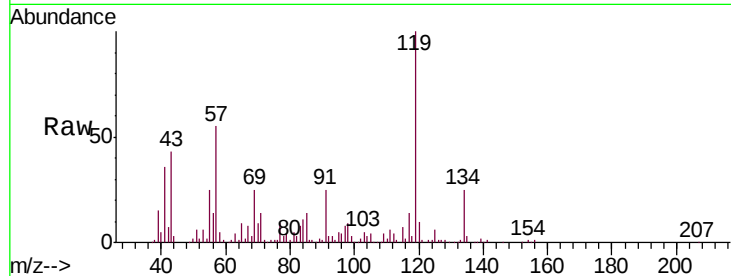




#86
p-Isopropyltoluene
Concen: 7.691 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

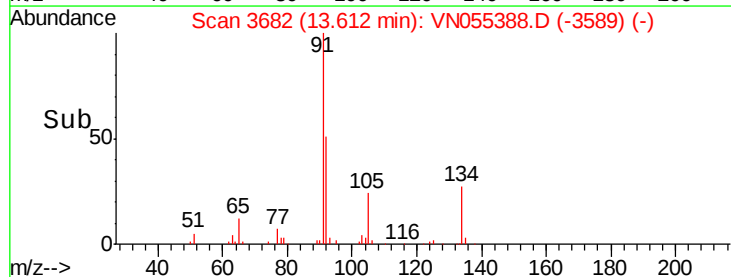
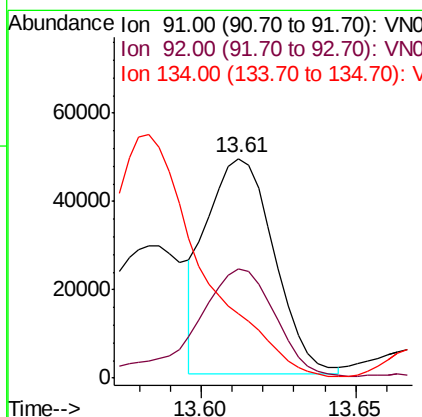
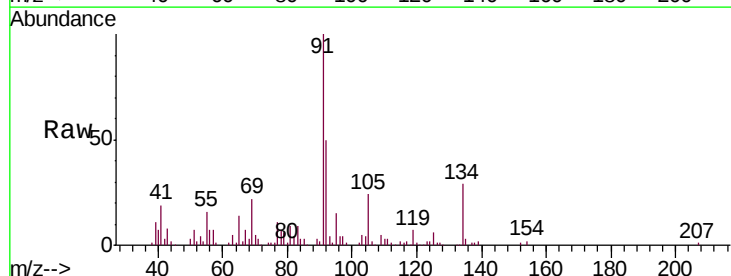
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(17-20)DL

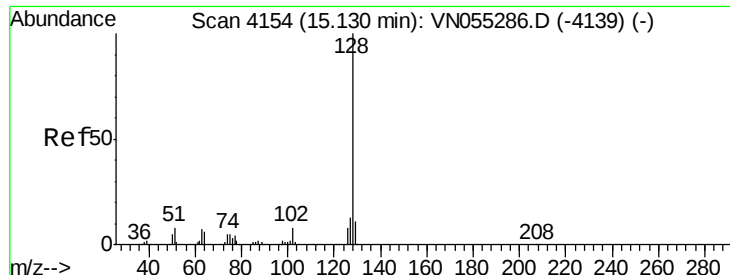
Tgt Ion: 119 Resp: 138226
Ion Ratio Lower Upper
119 100
134 25.6 13.0 38.9
91 24.2 12.2 36.6



#89
n-Butylbenzene
Concen: 5.782 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055388.D
Acq: 3 May 2019 14:32

Tgt Ion: 91 Resp: 73837
Ion Ratio Lower Upper
91 100
92 58.8 26.1 78.3
134 0.0 12.4 37.4#





#95

Naphthalene

Concen: 5.551 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055388.D

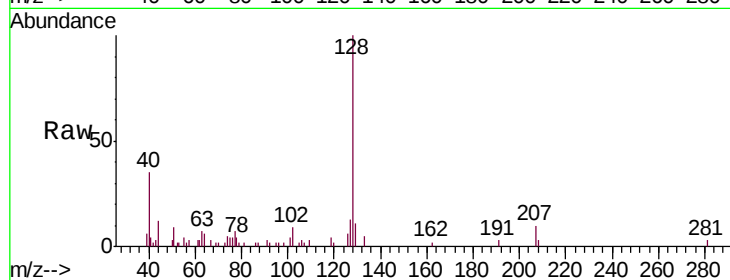
Acq: 3 May 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(17-20)DL



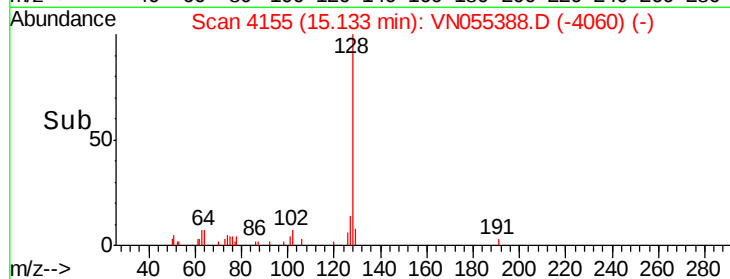
Tgt Ion:128 Resp: 16986

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 13.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

