

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055355.D
 Acq On : 2 May 2019 17:35
 Operator : JC/SP
 Sample : K2658-14DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

Quant Time: May 04 06:10:55 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	376136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	648860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194571	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	258771	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.59	113	206779	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.09	98	796620	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	261319	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

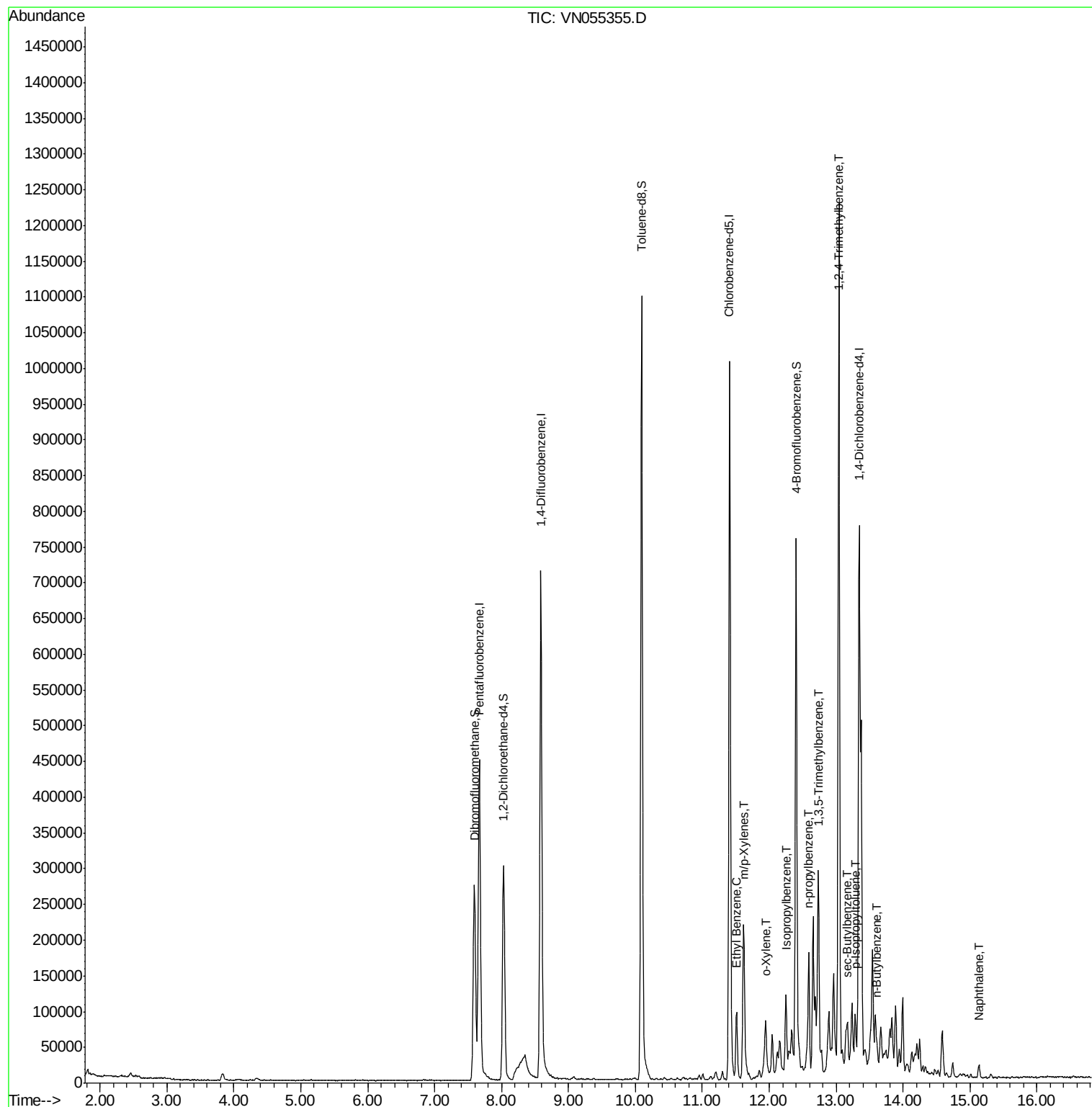
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	11.51	91	68222	3.317	ug/l	99
68) m/p-Xylenes	11.62	106	67669	9.217	ug/l	100
69) o-Xylene	11.95	106	17444	2.397	ug/l	97
73) Isopropylbenzene	12.25	105	68159	1.324	ug/l	98
78) n-propylbenzene	12.59	91	132649	6.637	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	126363	8.284	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	677420	49.656	ug/l	99
85) sec-Butylbenzene	13.17	105	32887	1.984	ug/l #	76
86) p-Isopropyltoluene	13.29	119	17877	1.312	ug/l	93
89) n-Butylbenzene	13.62	91	17986	1.857	ug/l #	82
95) Naphthalene	15.14	128	15908	6.074	ug/l	99

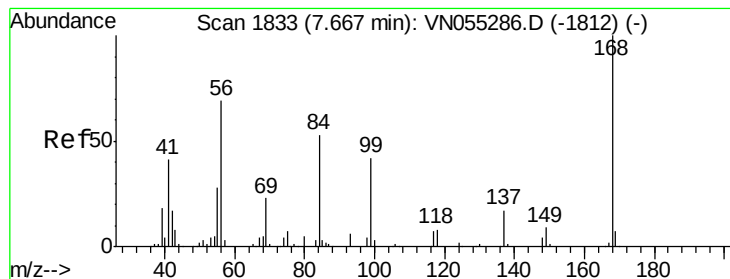
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
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Quant Time: May 04 06:10:55 2019
Quant Method : Z:\V0ASRV\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# 1834

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

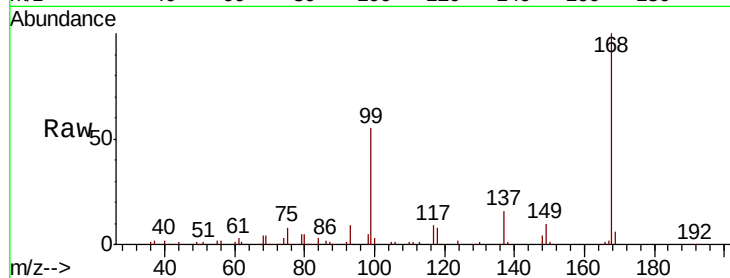
EP1-PZ-E3-4DL

Tgt Ion:168 Resp: 376136

Ion Ratio Lower Upper

168 100

99 55.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

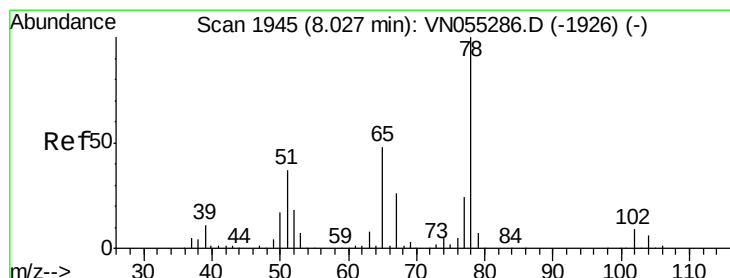
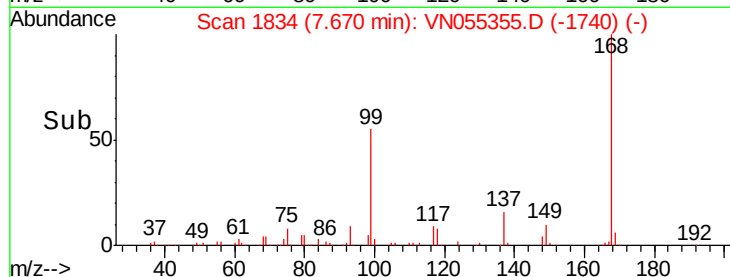
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 52.588 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055355.D

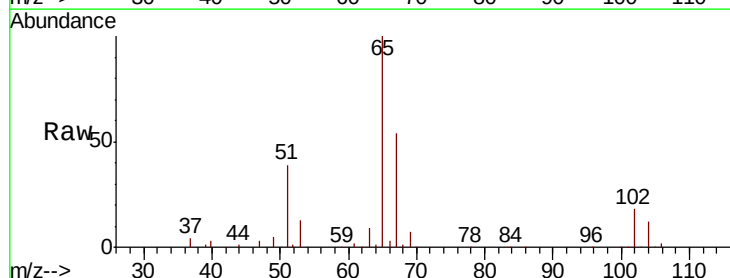
Acq: 2 May 2019 17:35

Tgt Ion: 65 Resp: 258771

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

120000

100000

80000

60000

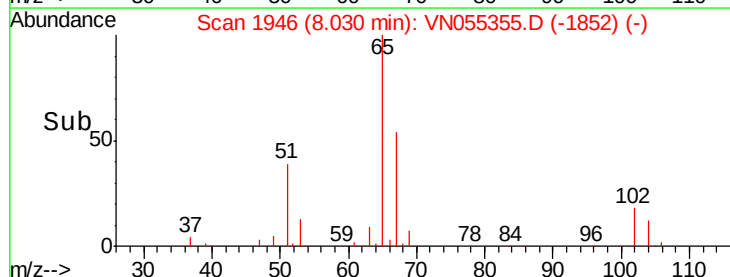
40000

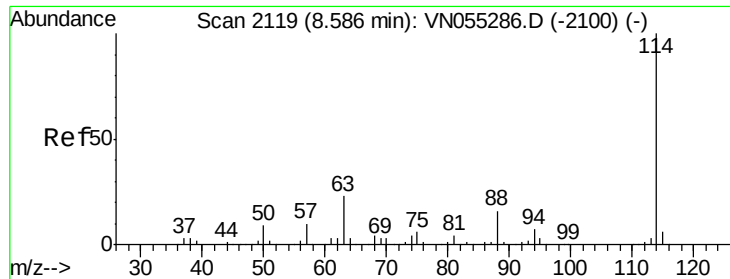
20000

0

Time-->

7.90 8.00 8.10

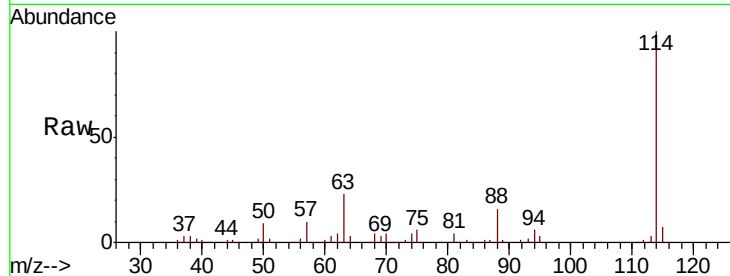




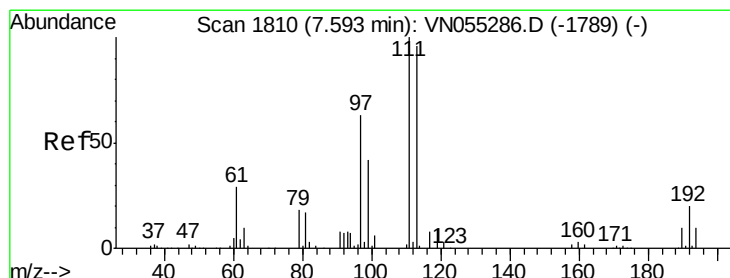
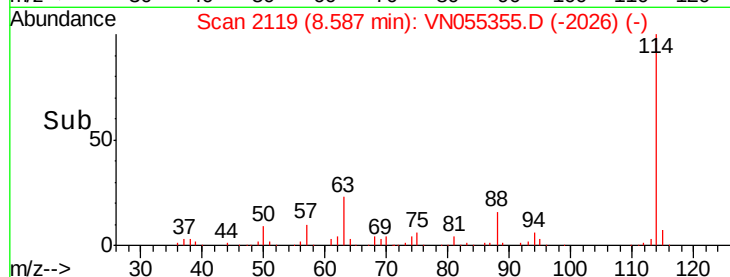
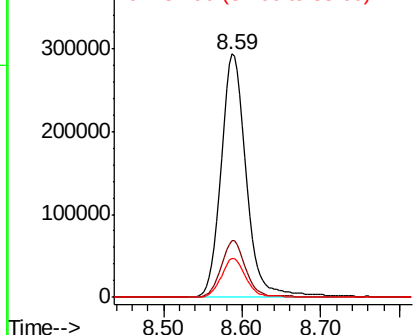
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

Tgt Ion:114 Resp: 648860
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.2 0.0 31.6

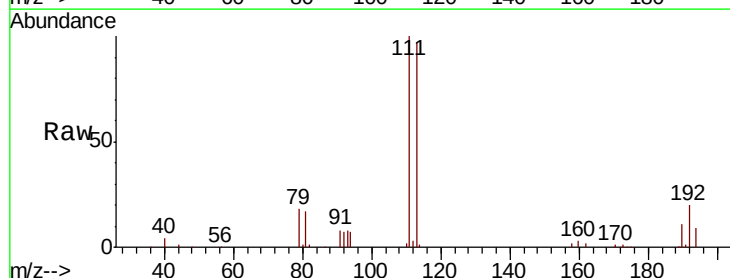


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

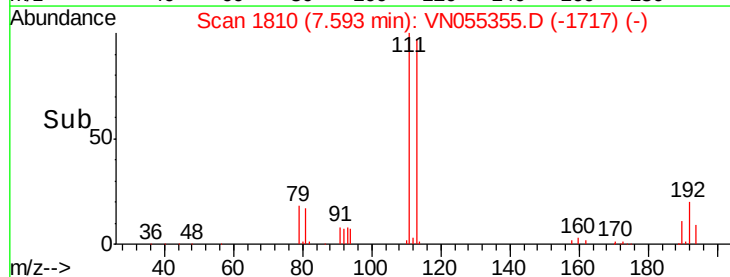
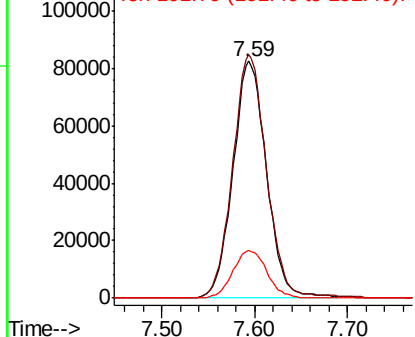


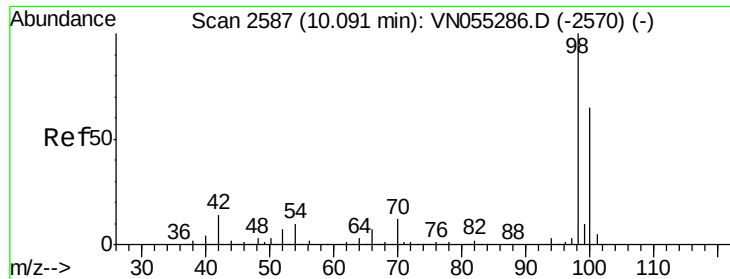
#35
 Dibromofluoromethane
 Concen: 48.552 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion:113 Resp: 206779
 Ion Ratio Lower Upper
 113 100
 111 103.7 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: 51.801 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

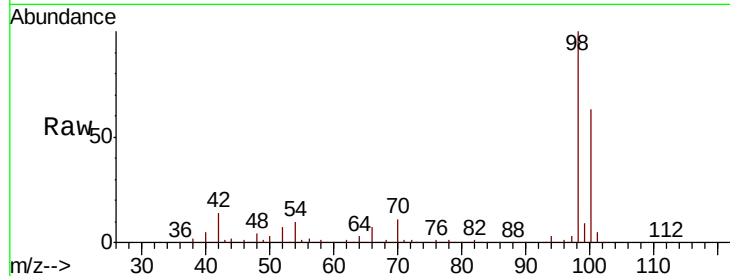
EP1-PZ-E3-4DL

Tgt Ion: 98 Resp: 796620

Ion Ratio Lower Upper

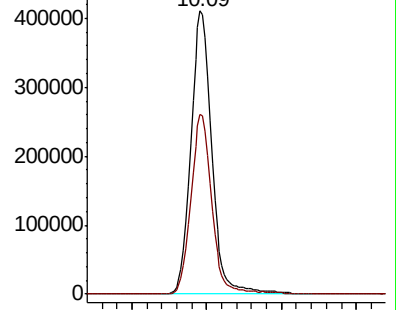
98 100

100 63.5 51.7 77.5

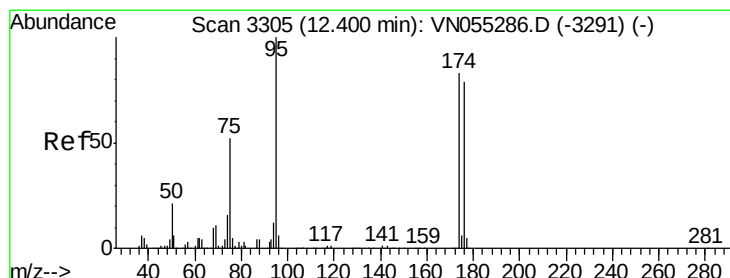
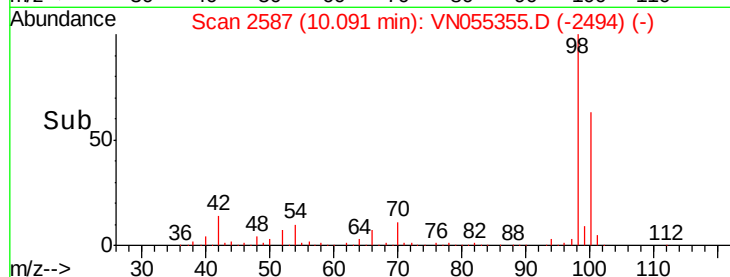


Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 54.370 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

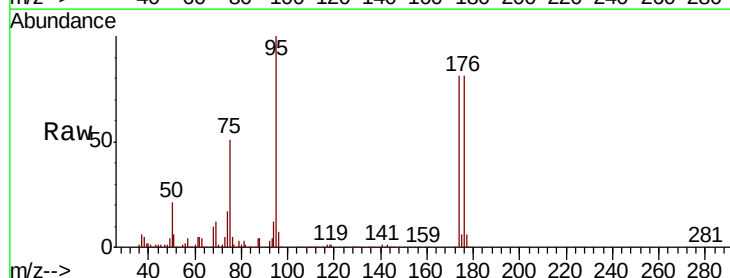
Tgt Ion: 95 Resp: 261319

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.6

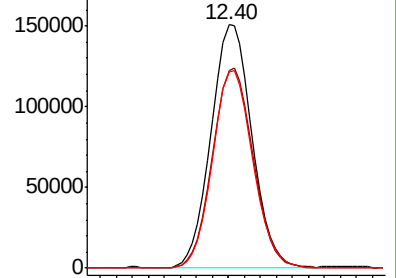
176 80.8 0.0 157.8



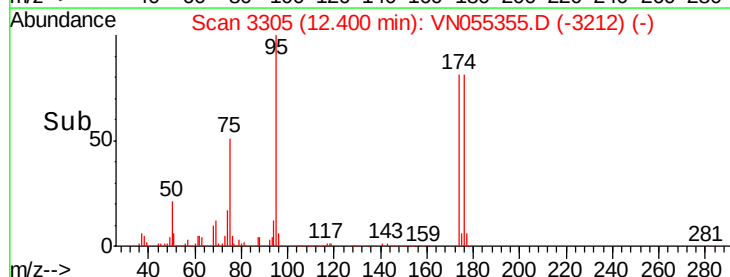
Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

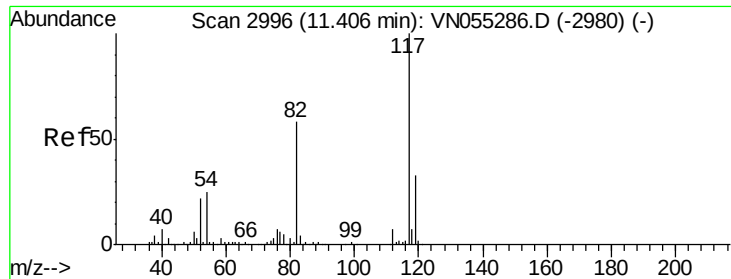
Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)



Time-->

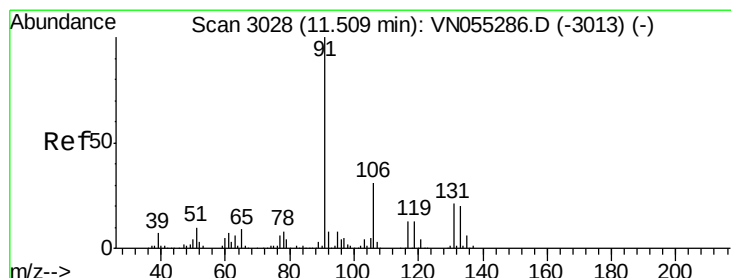
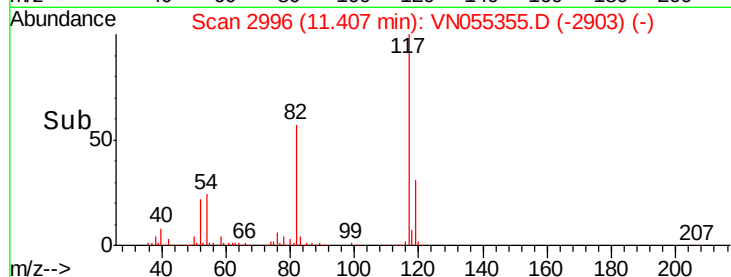
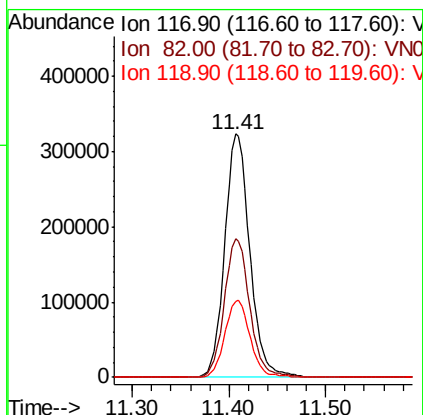
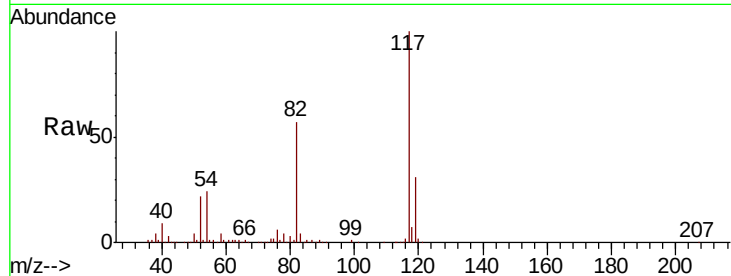




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

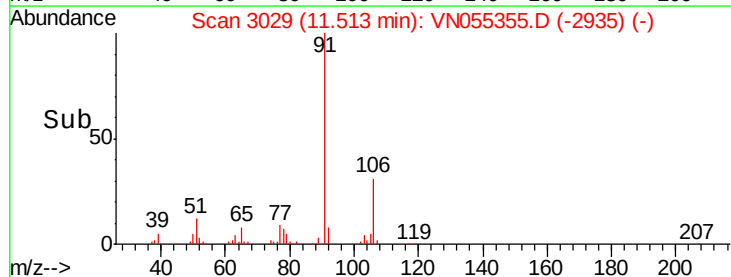
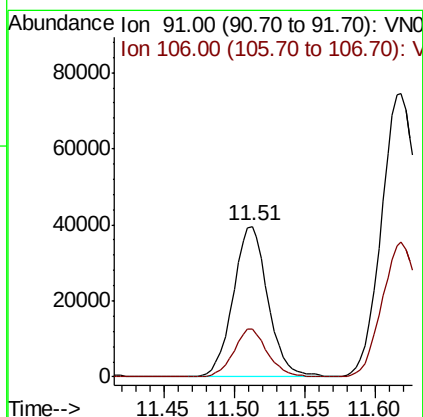
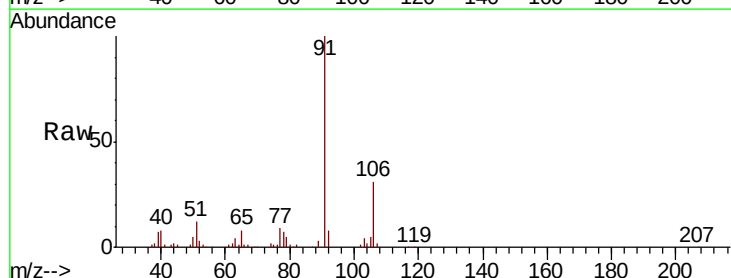
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4DL

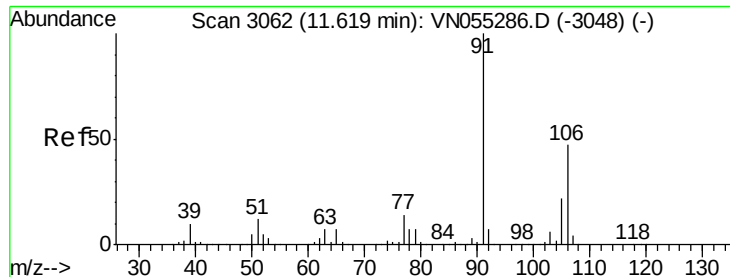
Tgt Ion: 117 Resp: 582550
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 31.4 26.6 40.0



#67
Ethyl Benzene
Concen: 3.317 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 91 Resp: 68222
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

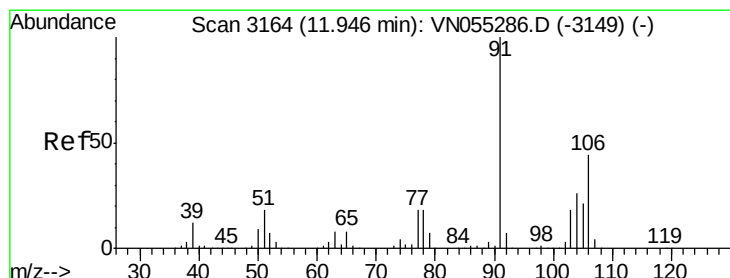
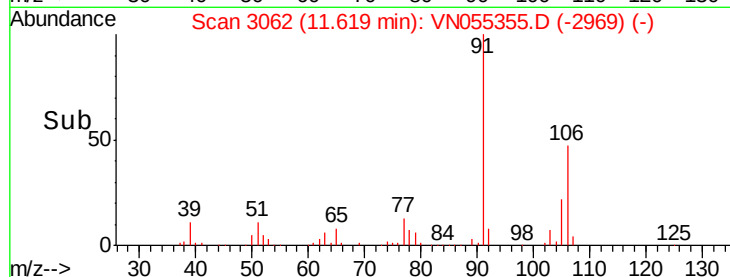
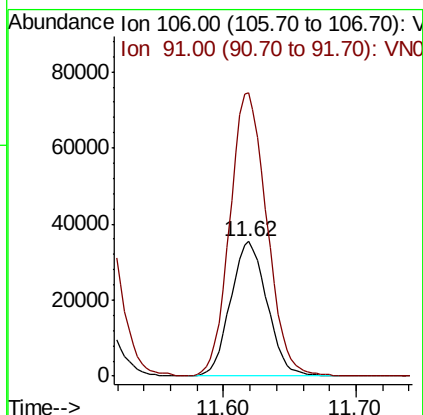
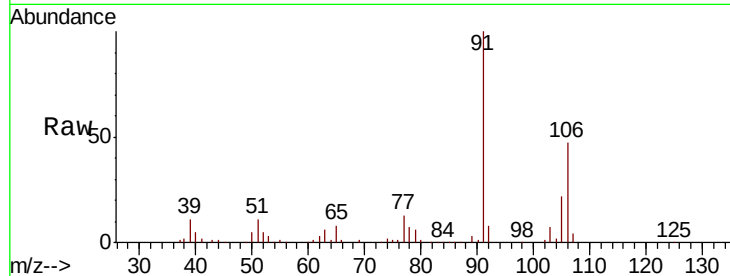




#68
m/p-Xylenes
Concen: 9.217 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

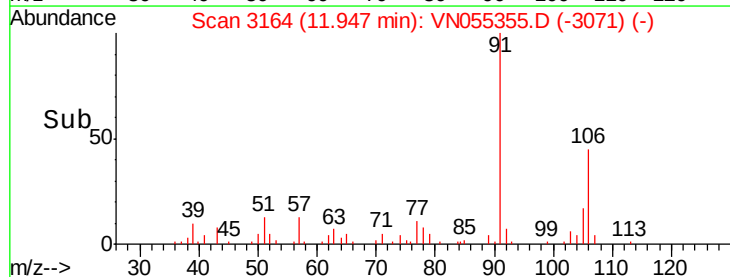
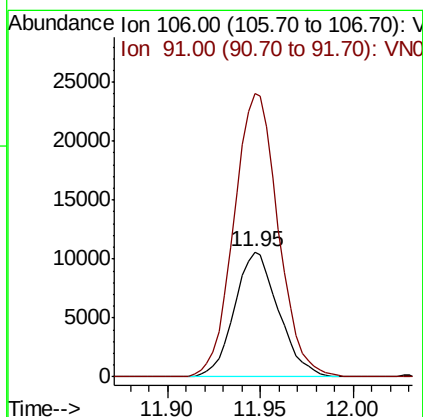
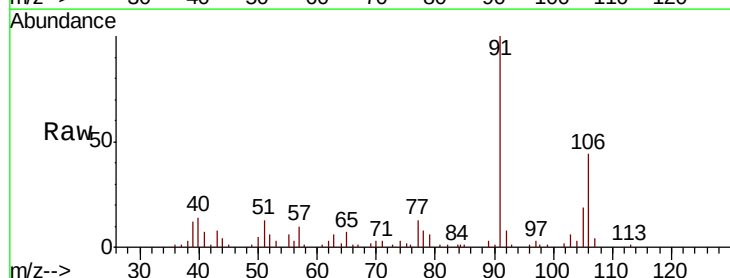
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4DL

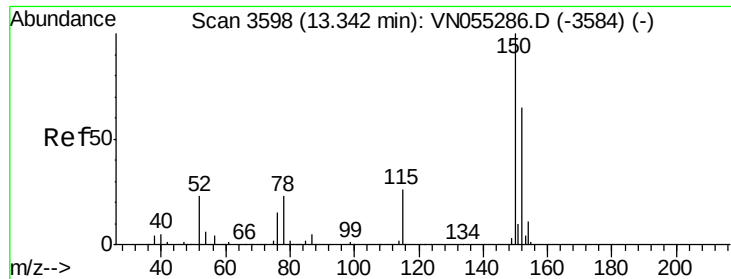
Tgt Ion:106 Resp: 67669
Ion Ratio Lower Upper
106 100
91 211.8 169.5 254.3



#69
o-Xylene
Concen: 2.397 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion:106 Resp: 17444
Ion Ratio Lower Upper
106 100
91 228.1 111.5 334.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055355.D

Acq: 2 May 2019 17:35

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-E3-4DL

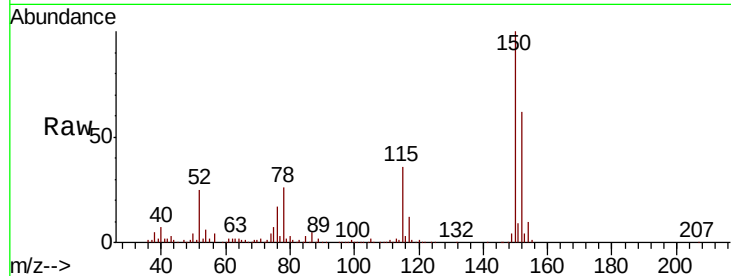
Tgt Ion:152 Resp: 194571

Ion Ratio Lower Upper

152 100

115 63.4 29.0 87.0

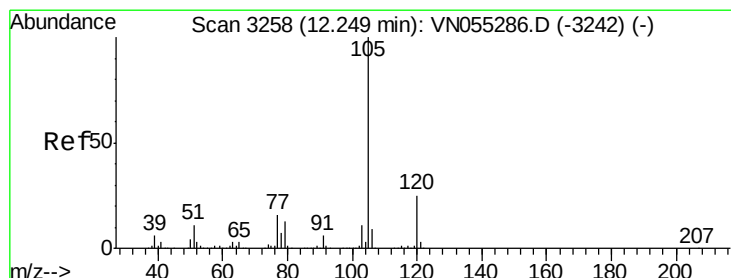
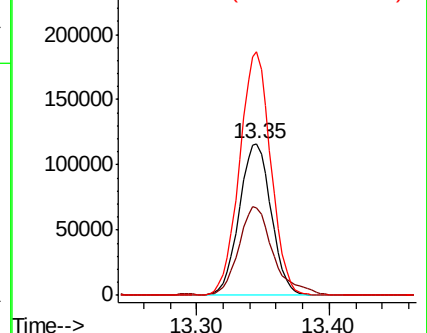
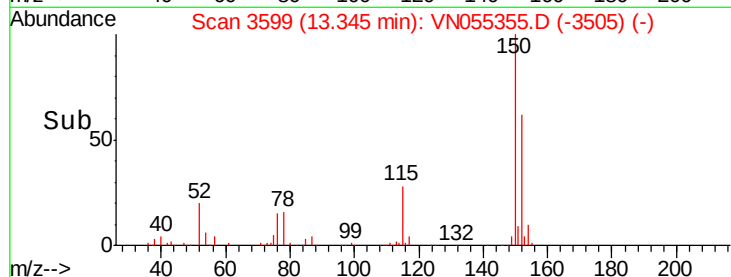
150 157.0 0.0 345.6



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: 1.324 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055355.D

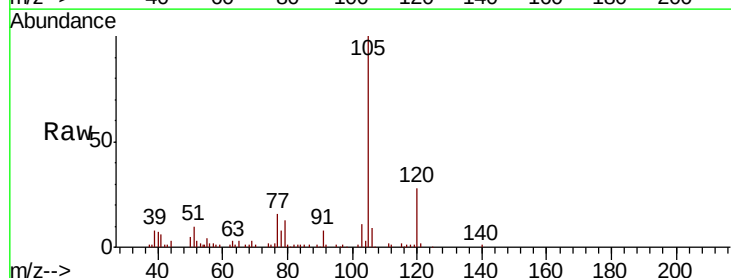
Acq: 2 May 2019 17:35

Tgt Ion:105 Resp: 68159

Ion Ratio Lower Upper

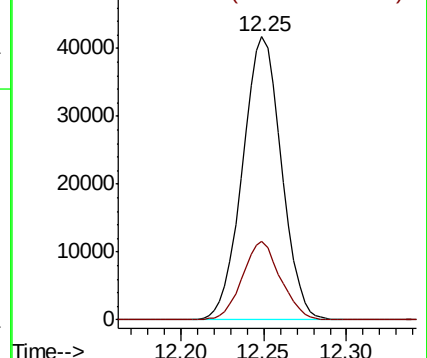
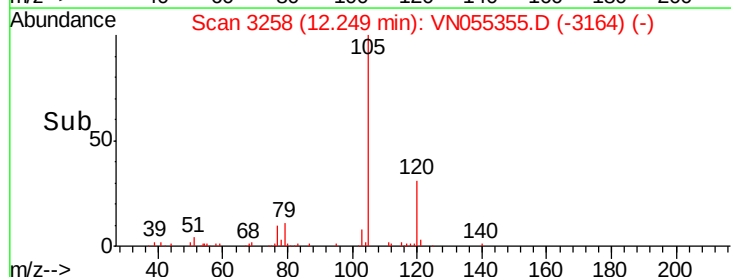
105 100

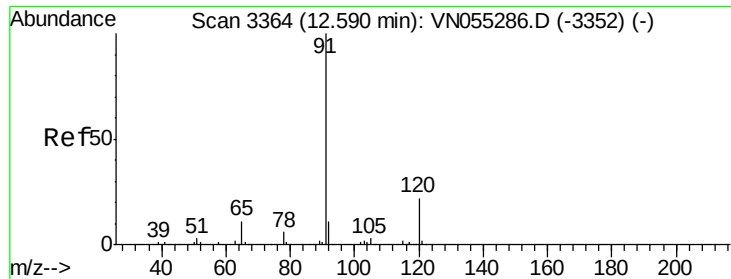
120 27.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

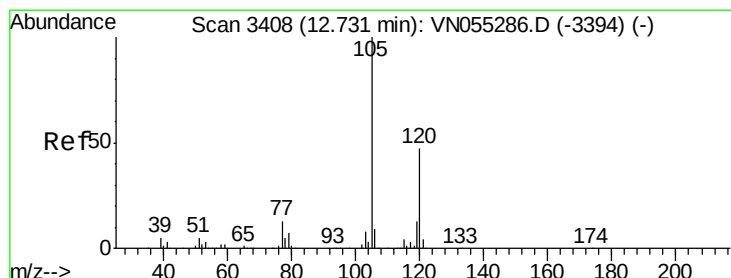
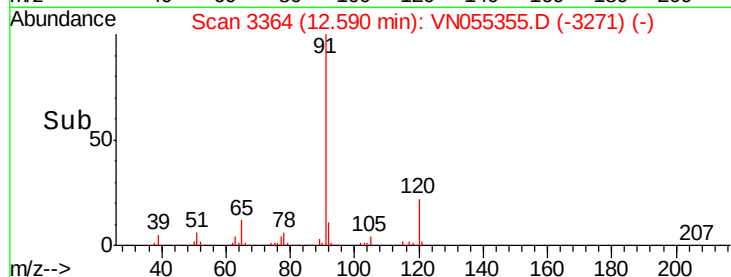
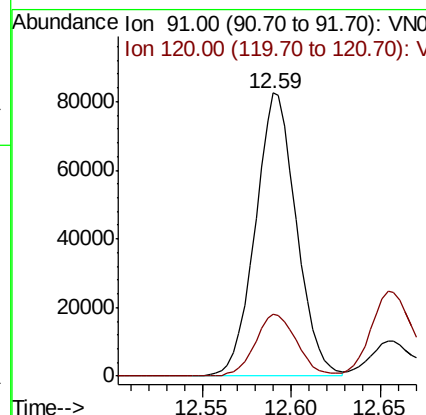
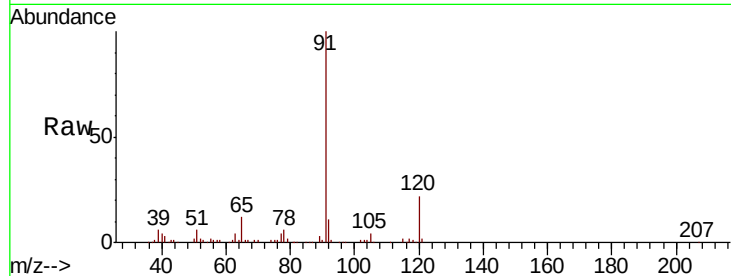




#78
n-propylbenzene
Concen: 6.637 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

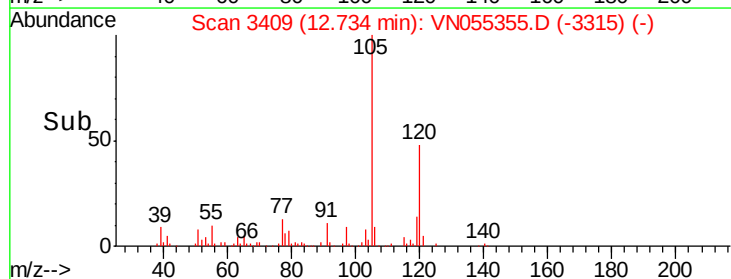
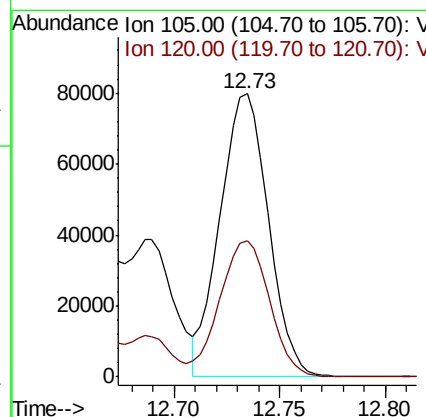
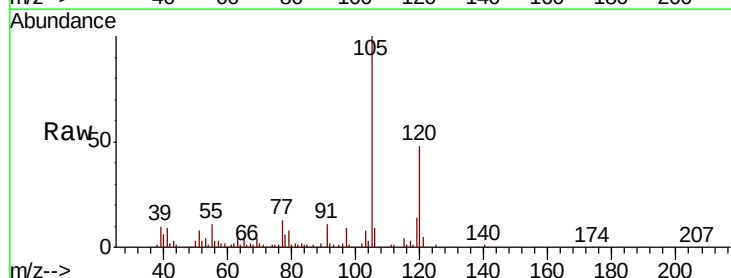
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-E3-4DL

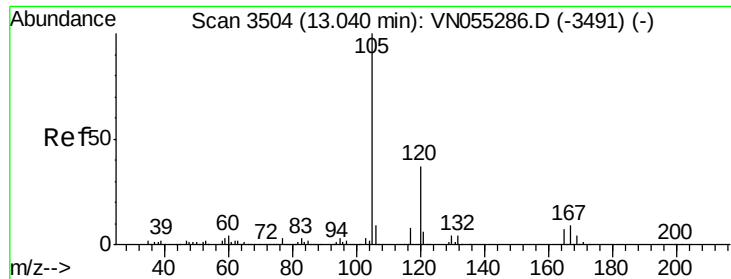
Tgt Ion: 91 Resp: 132649
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 8.284 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 105 Resp: 126363
Ion Ratio Lower Upper
105 100
120 50.1 23.4 70.0

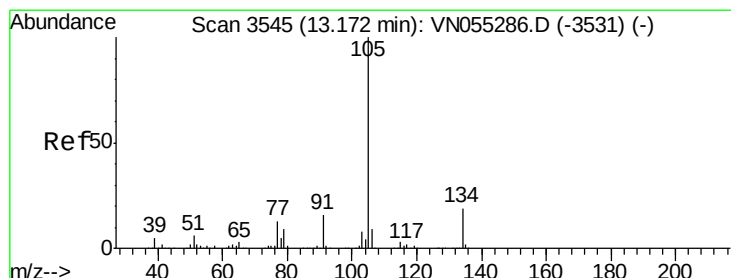
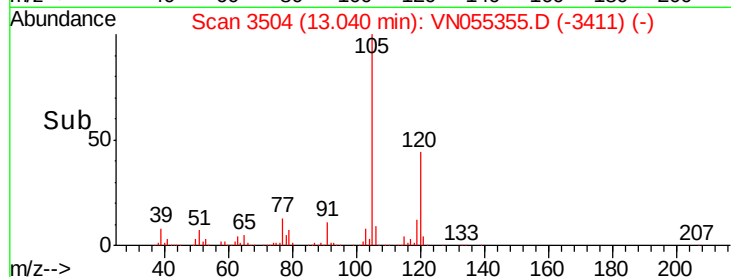
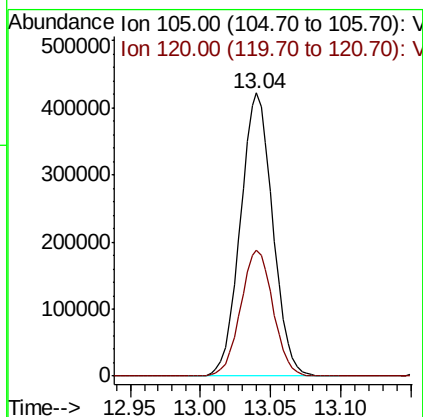
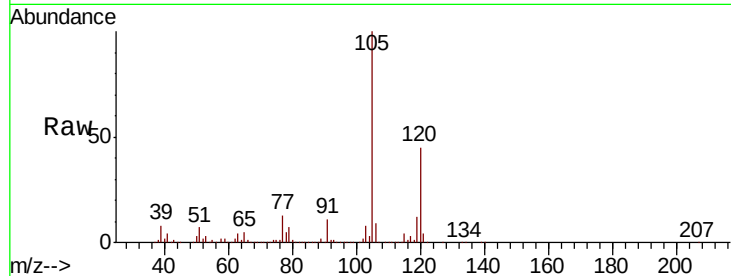




#84
 1,2,4-Trimethylbenzene
 Concen: 49.656 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

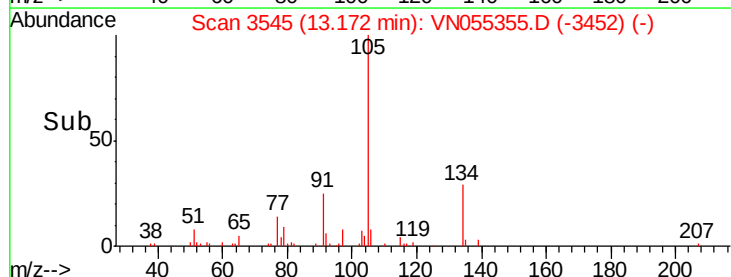
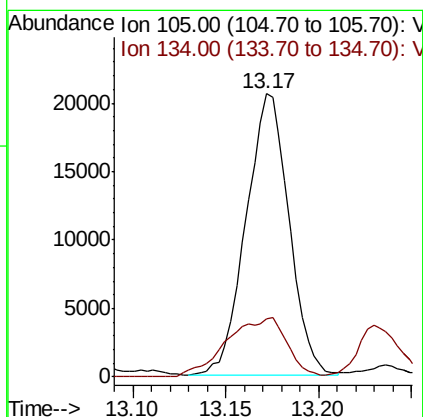
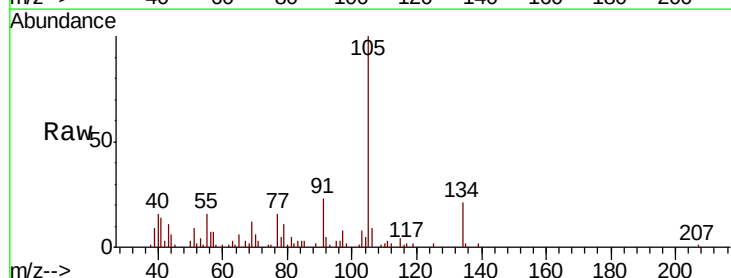
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4DL

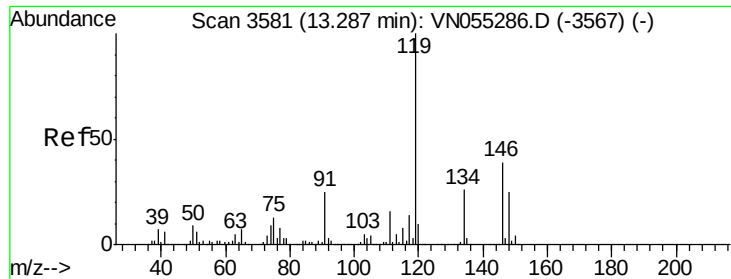
Tgt Ion:105 Resp: 677420
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 1.984 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055355.D
 Acq: 2 May 2019 17:35

Tgt Ion:105 Resp: 32887
 Ion Ratio Lower Upper
 105 100
 134 29.9 9.6 28.8#

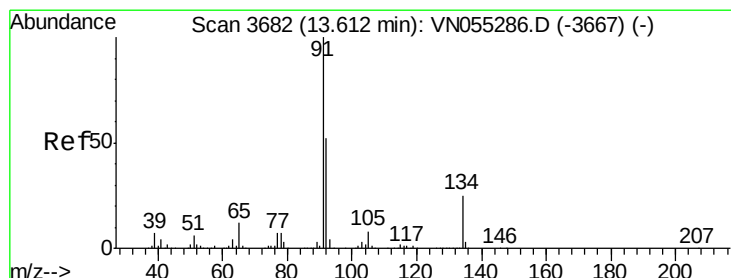
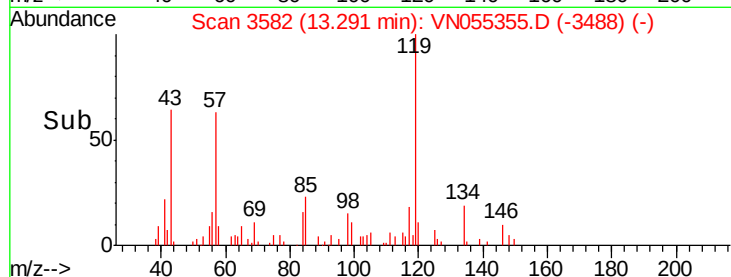
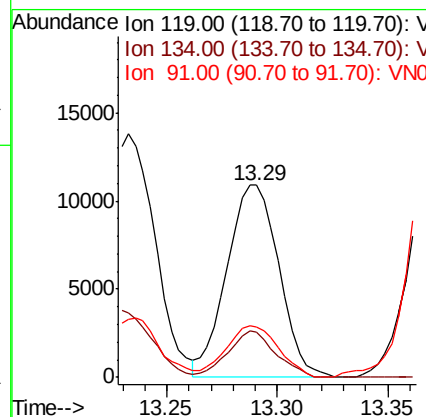
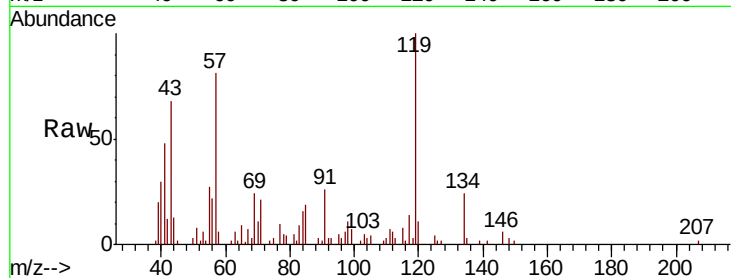




#86
p-Isopropyltoluene
Concen: 1.312 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

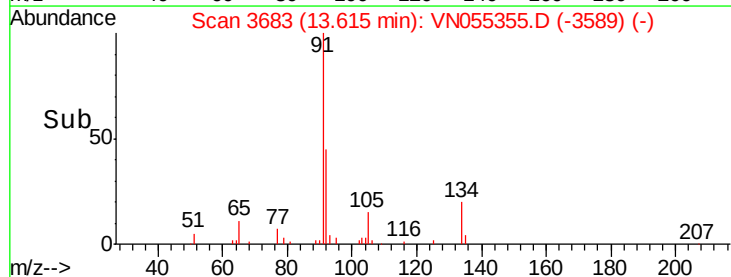
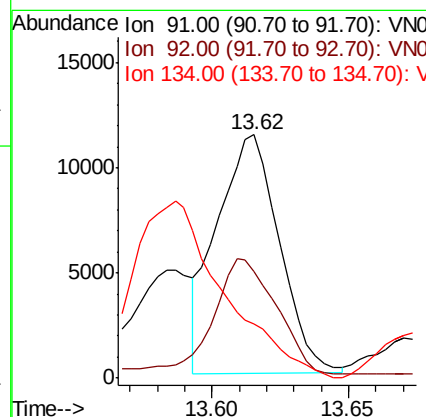
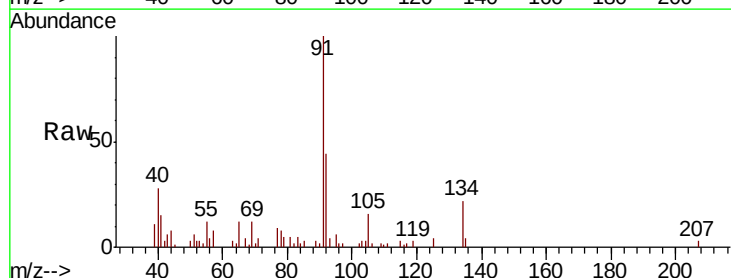
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-E3-4DL

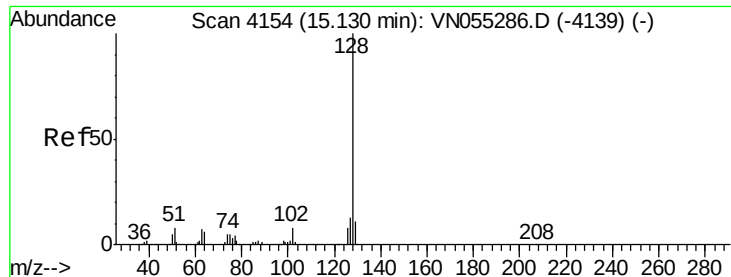
Tgt Ion: 119 Resp: 17877
Ion Ratio Lower Upper
119 100
134 22.1 13.0 38.9
91 27.4 12.2 36.6



#89
n-Butylbenzene
Concen: 1.857 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Tgt Ion: 91 Resp: 17986
Ion Ratio Lower Upper
91 100
92 50.6 26.1 78.3
134 0.0 12.4 37.4#

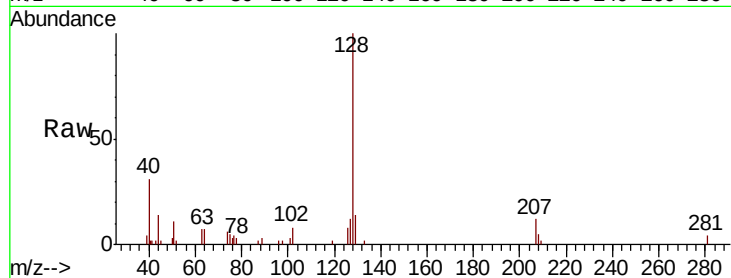




#95
Naphthalene
Concen: 6.074 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055355.D
Acq: 2 May 2019 17:35

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-E3-4DL

Tgt Ion:128 Resp: 15908
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.2 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

