

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062799.D
 Acq On : 10 Aug 2020 10:58
 Operator : JC/MD
 Sample : L3563-01ME
 Misc : 1.70g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

Quant Time: Aug 10 12:21:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	119773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	206514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	209440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	95565	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.54	113	67163	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.06	98	271637	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.38	95	104205	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

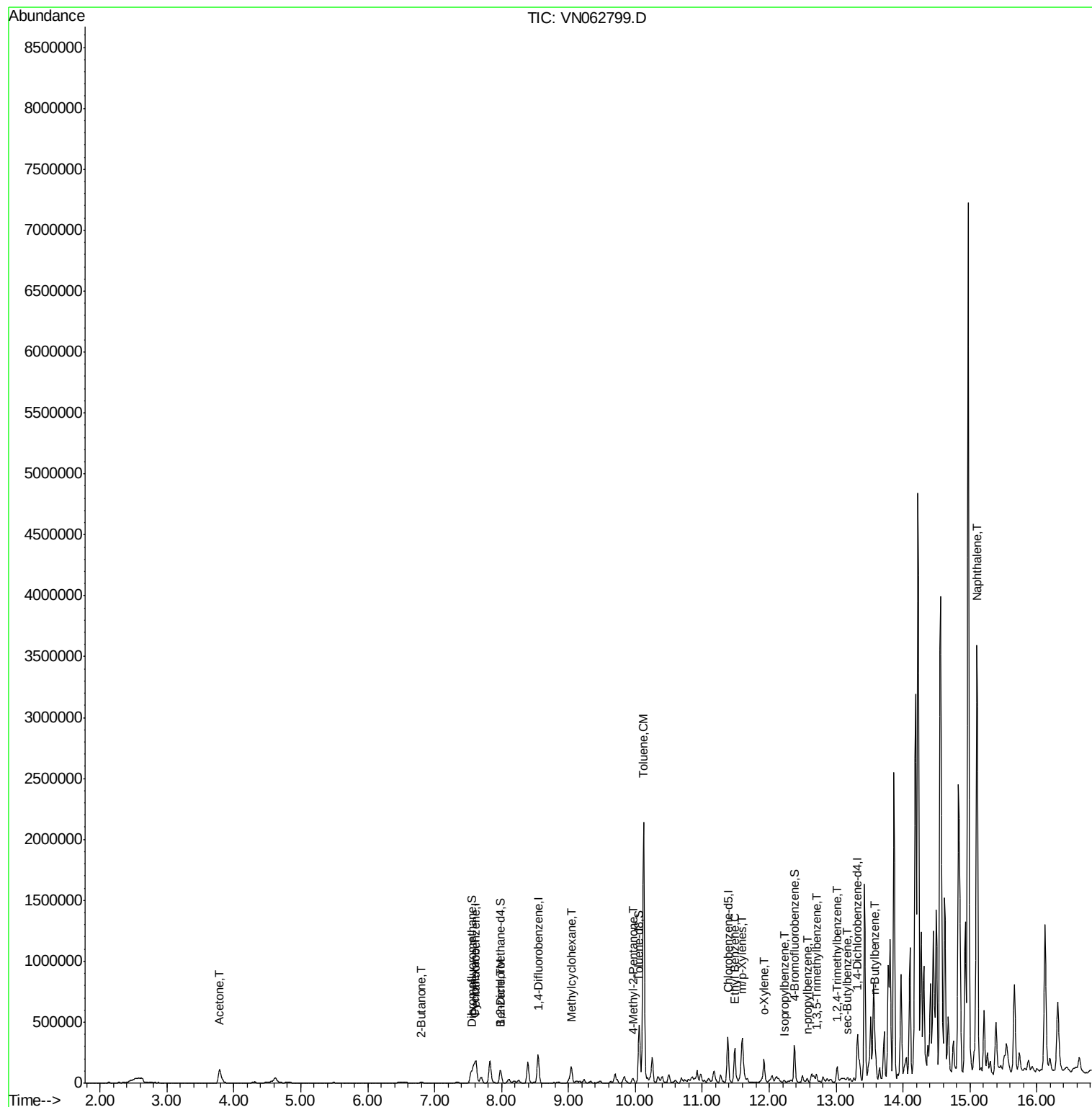
						Qvalue
16) Acetone	3.79	43	225114	314.541	ug/l	98
25) 2-Butanone	6.80	43	14822	14.623	ug/l	99
31) Cyclohexane	7.59	56	39795	16.572	ug/l #	57
39) Methylcyclohexane	9.04	83	54614	22.568	ug/l	97
40) Benzene	8.00	78	7322	1.220	ug/l	93
51) 4-Methyl-2-Pentanone	9.96	43	23400	10.323	ug/l	98
52) Toluene	10.12	92	927835	250.441	ug/l	98
67) Ethyl Benzene	11.48	91	196420	25.071	ug/l	96
68) m/p-Xylenes	11.59	106	94127	33.097	ug/l	98
69) o-Xylene	11.92	106	33069	12.408	ug/l	99
73) Isopropylbenzene	12.22	105	11369	1.544	ug/l	98
78) n-propylbenzene	12.57	91	23798	2.754	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	11028	1.727	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	67409	11.032	ug/l	100
85) sec-Butylbenzene	13.15	105	7889	1.112	ug/l #	65
89) n-Butylbenzene	13.59	91	106856	20.056	ug/l #	75
95) Naphthalene	15.10	128	2845694	589.900	ug/l	100

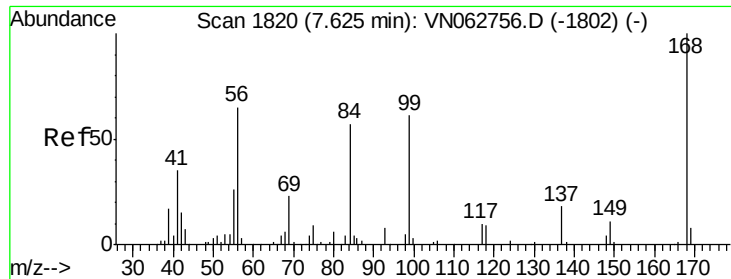
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L3563-01ME
Misc : 1.70µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-30860ME

Quant Time: Aug 10 12:21:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

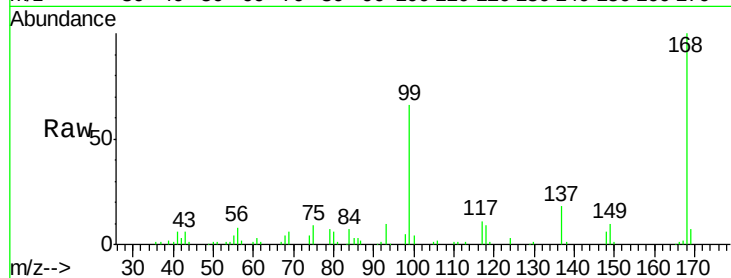
NB-30860ME

Tot Ion:168 Resp: 119773

Ion Ratio Lower Upper

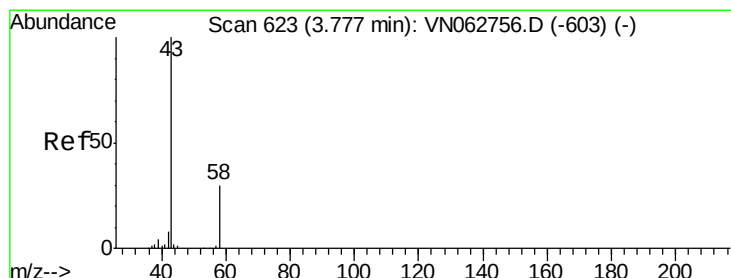
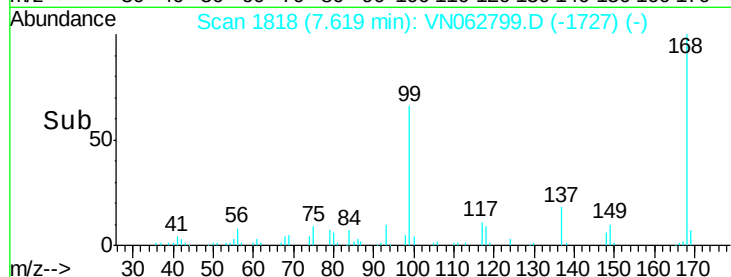
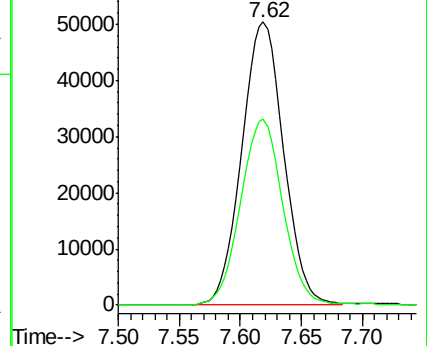
168 100

99 65.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 314.541 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062799.D

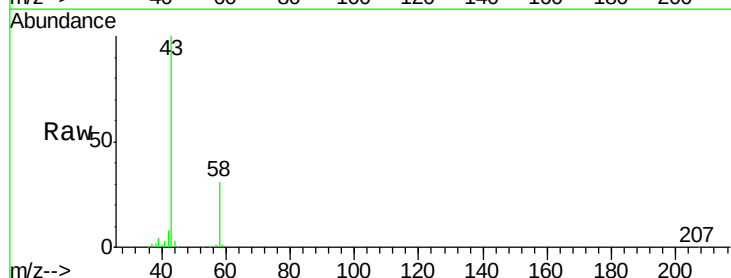
Acq: 10 Aug 2020 10:58

Tgt Ion: 43 Resp: 225114

Ion Ratio Lower Upper

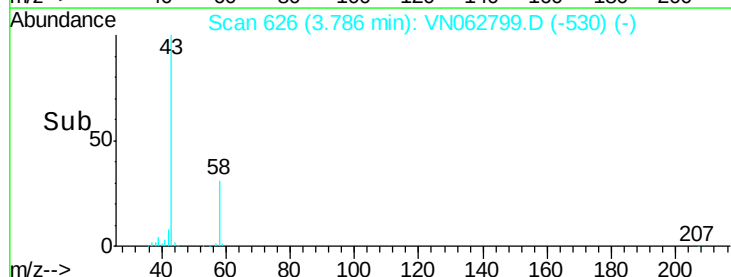
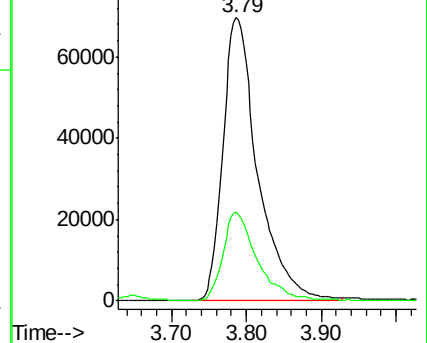
43 100

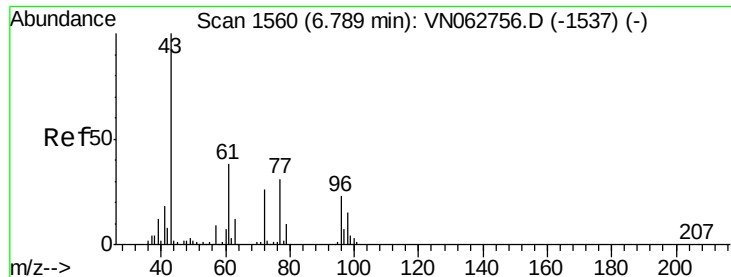
58 31.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#25

2-Butanone

Concen: 14.623 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

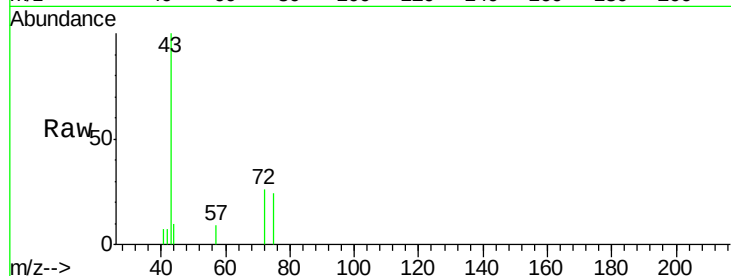
NB-30860ME

Tot Ion: 43 Resp: 14822

Ion Ratio Lower Upper

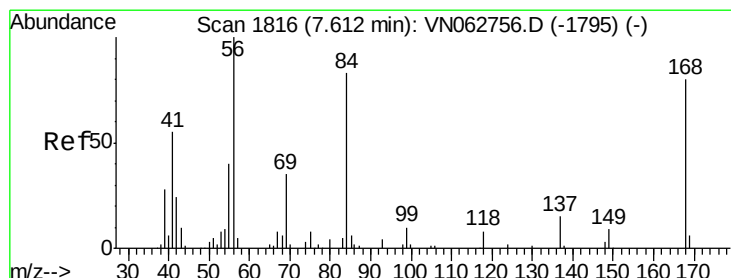
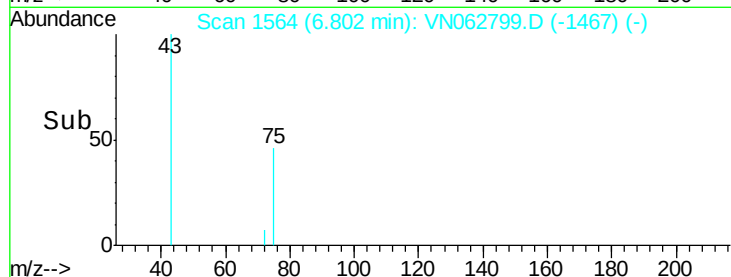
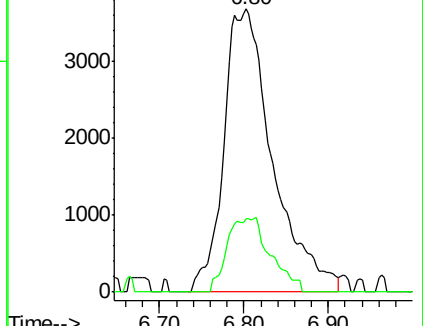
43 100

72 25.8 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN062756.D (-1537) (-)



#31

Cyclohexane

Concen: 16.572 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.02 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

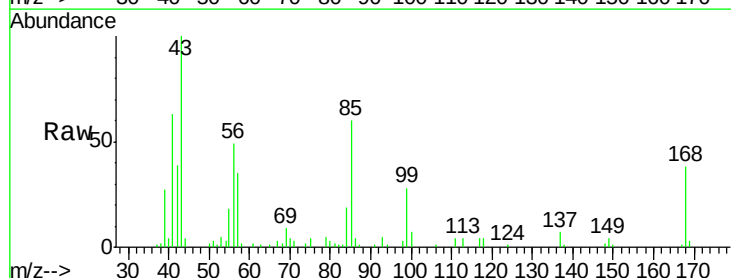
Tgt Ion: 56 Resp: 39795

Ion Ratio Lower Upper

56 100

69 18.7 28.1 42.1#

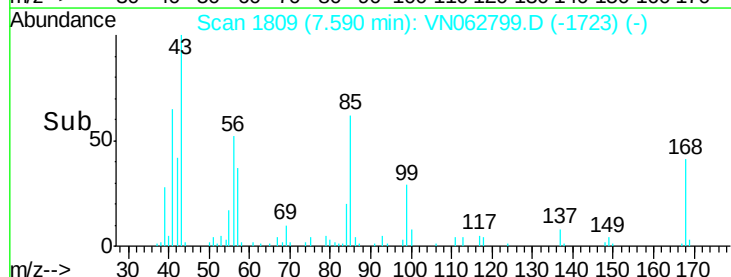
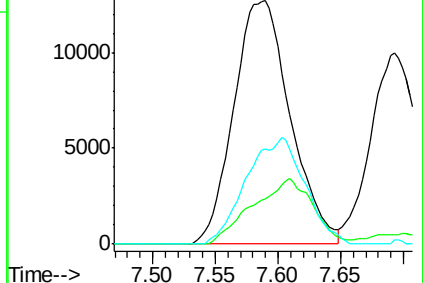
84 39.2 66.8 100.2#

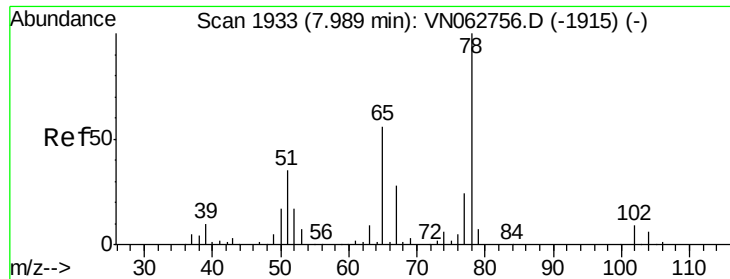


Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062756.D (-1795) (-)

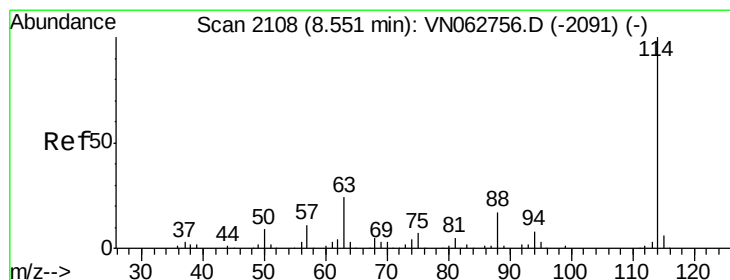
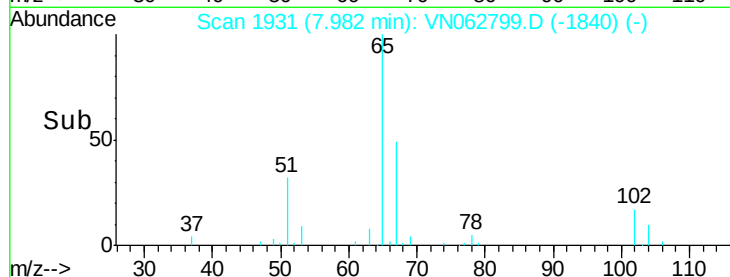
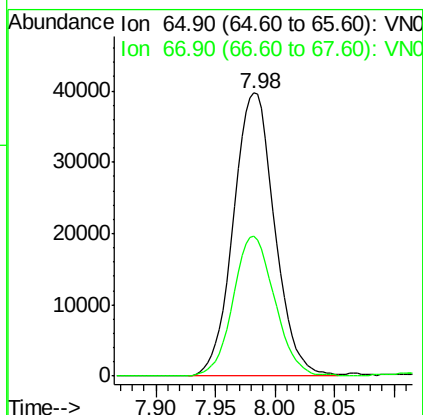
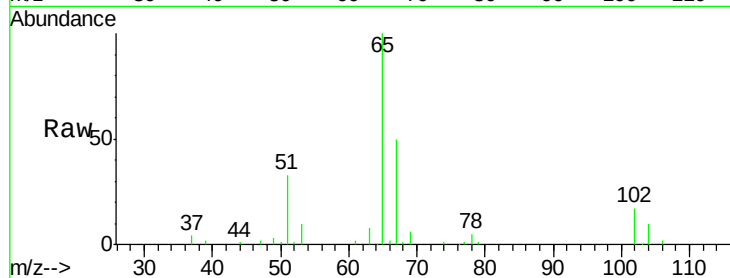




#33
 1,2-Dichloroethane-d4
 Concen: 48.249 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

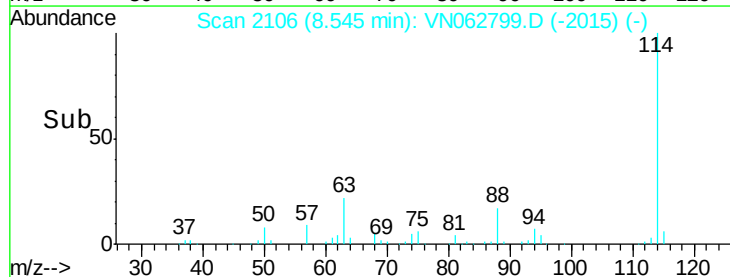
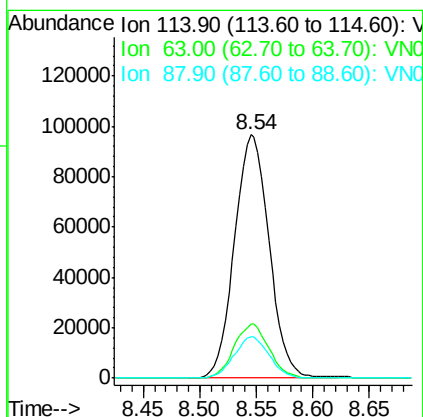
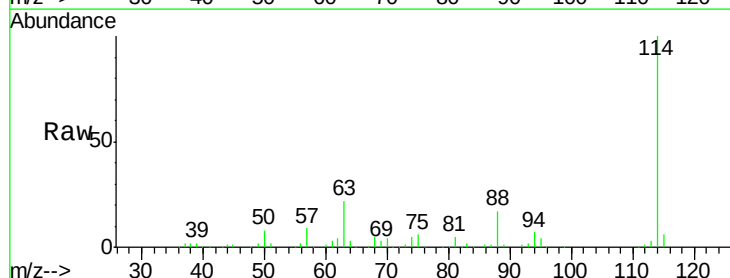
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

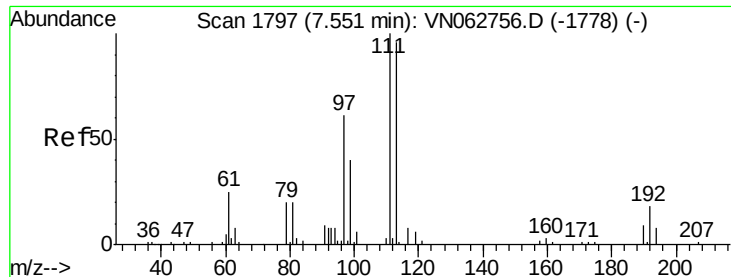
Tot Ion: 65 Resp: 95565
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion: 114 Resp: 206514
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 17.2 0.0 34.4

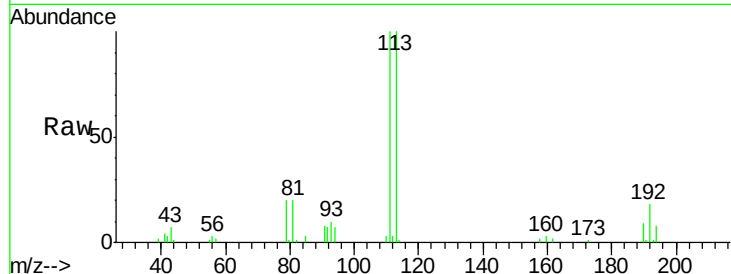




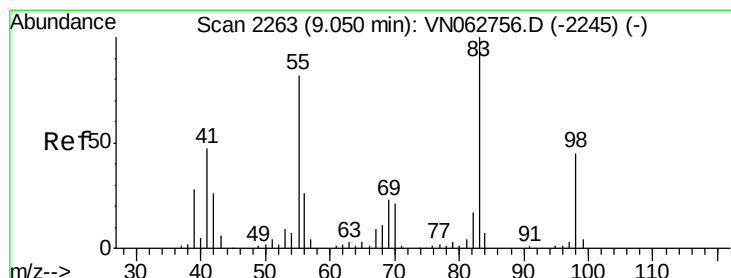
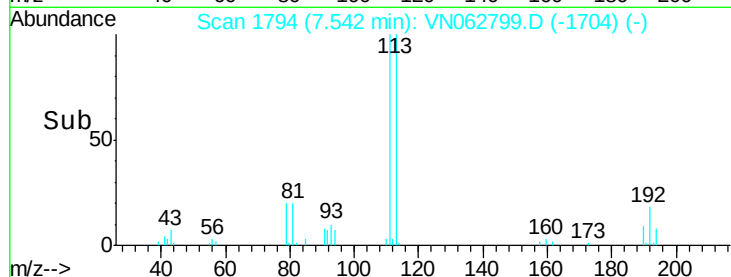
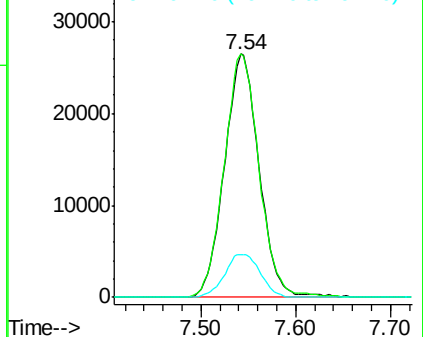
#35
 Dibromofluoromethane
 Concen: 47.543 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

Tot Ion:113 Resp: 67163
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.8 122.6
 192 18.1 15.0 22.4

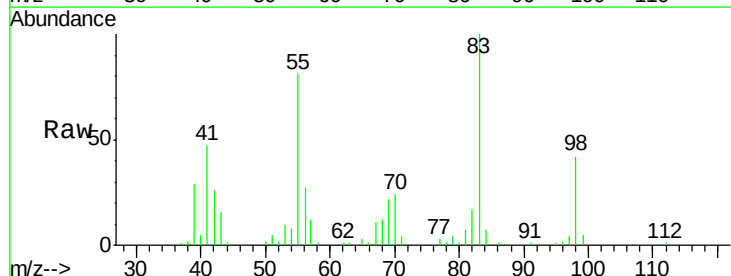


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

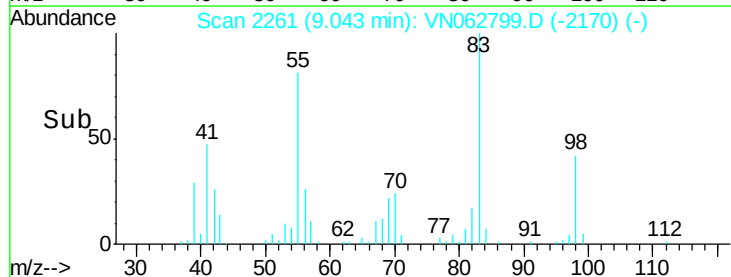
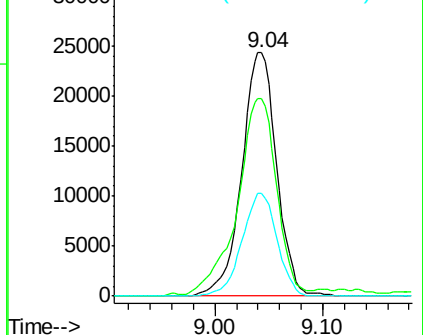


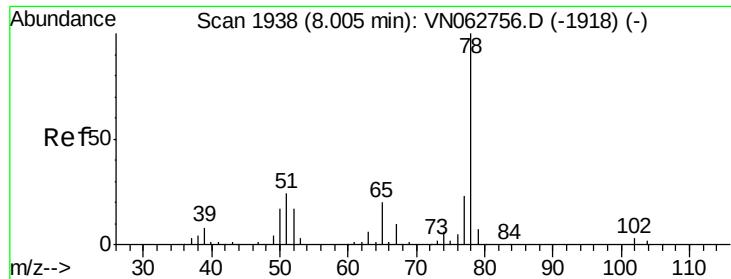
#39
 Methylcyclohexane
 Concen: 22.568 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion: 83 Resp: 54614
 Ion Ratio Lower Upper
 83 100
 55 79.5 65.7 98.5
 98 42.1 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): V
 Ion 55.00 (54.70 to 55.70): V
 Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 1.220 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

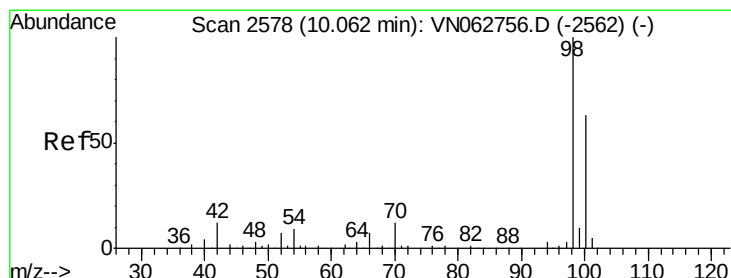
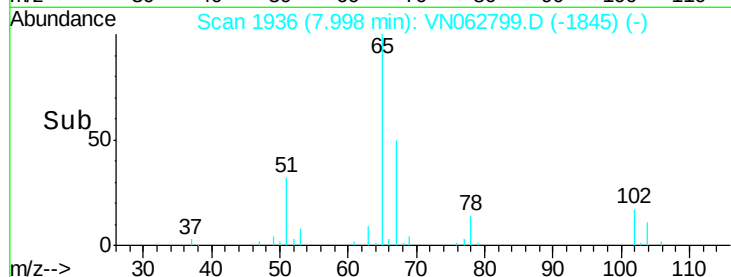
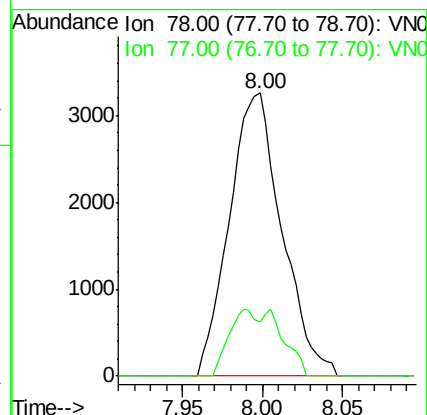
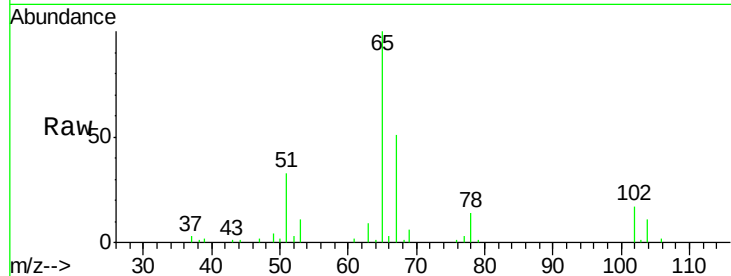
NB-30860ME

Tot Ion: 78 Resp: 7322

Ion Ratio Lower Upper

78 100

77 19.0 18.1 27.1



#50

Toluene-d8

Concen: 49.253 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062799.D

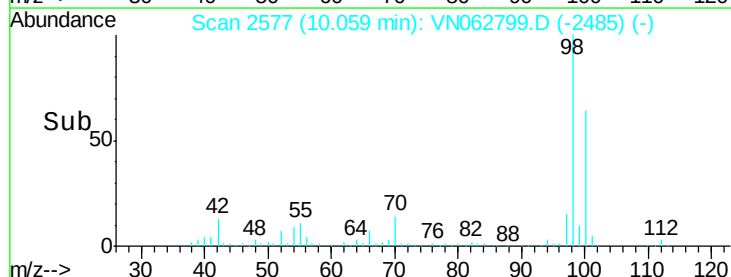
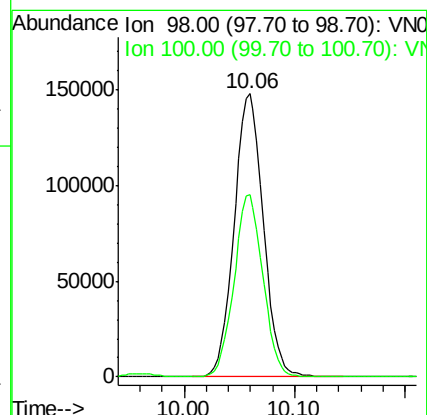
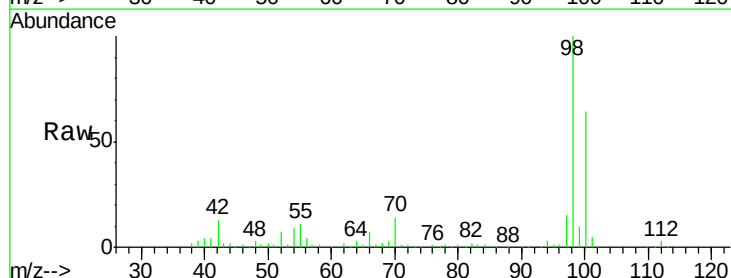
Acq: 10 Aug 2020 10:58

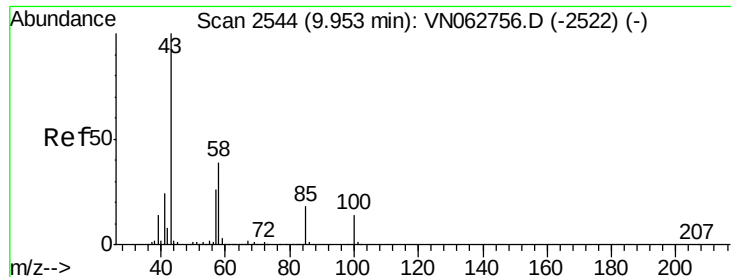
Tgt Ion: 98 Resp: 271637

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 10.323 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampled :

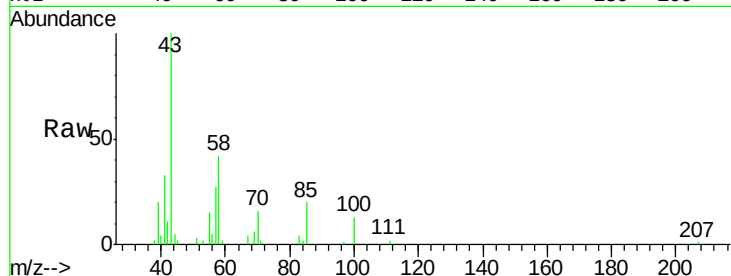
NB-30860ME

Tot Ion: 43 Resp: 23400

Ion Ratio Lower Upper

43 100

58 37.8 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

9.96

12000

10000

8000

6000

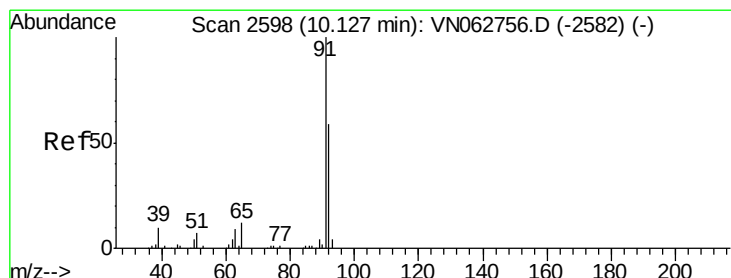
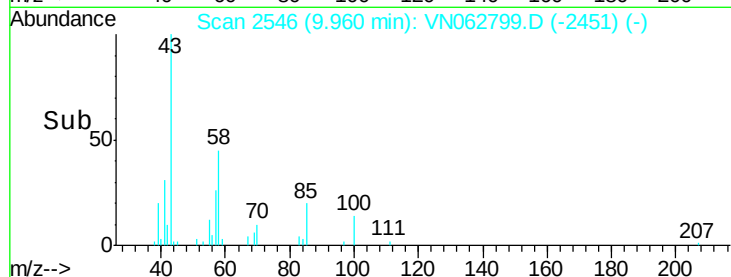
4000

2000

0

9.90 9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 250.441 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062799.D

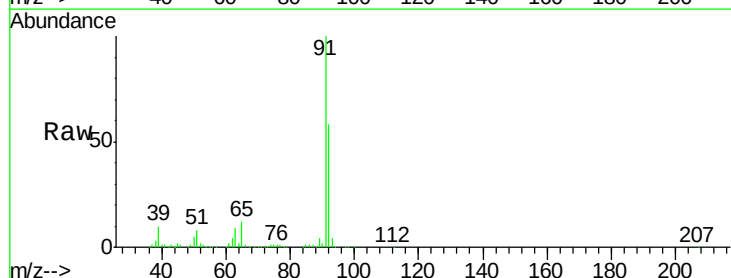
Acq: 10 Aug 2020 10:58

Tgt Ion: 92 Resp: 927835

Ion Ratio Lower Upper

92 100

91 171.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062756.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062756.D (-2582) (-)

1000000

800000

600000

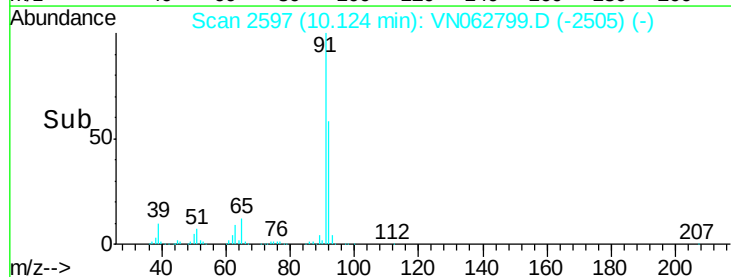
400000

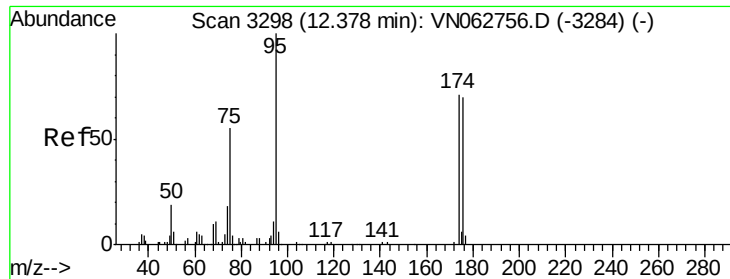
200000

0

10.00 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 49.998 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

NB-30860ME

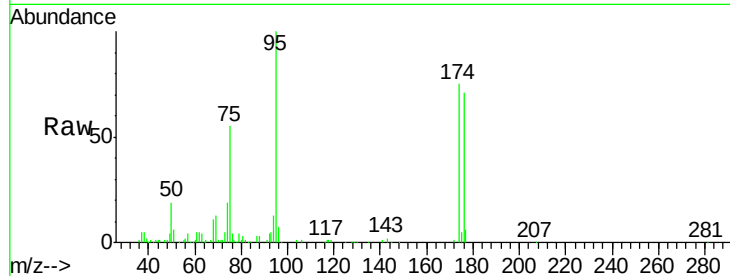
Tot Ion: 95 Resp: 104205

Ion Ratio Lower Upper

95 100

174 75.2 0.0 144.8

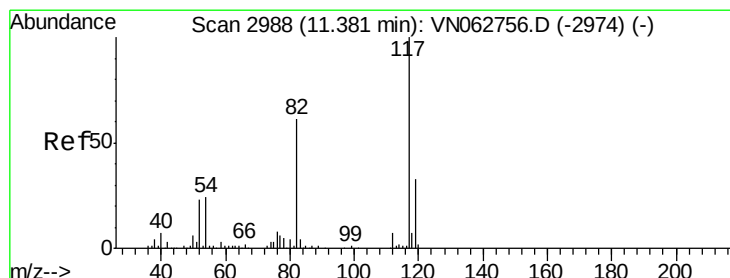
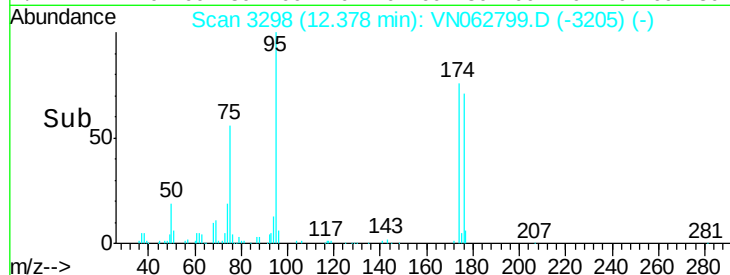
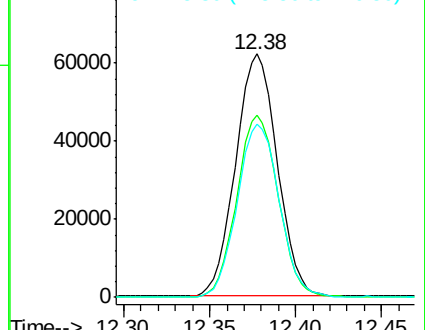
176 72.2 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062799.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062799.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062799.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

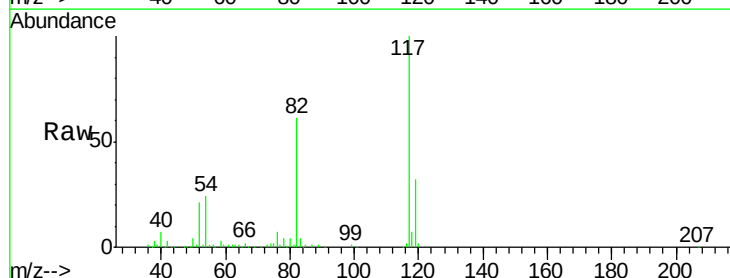
Tgt Ion: 117 Resp: 209440

Ion Ratio Lower Upper

117 100

82 60.5 49.0 73.4

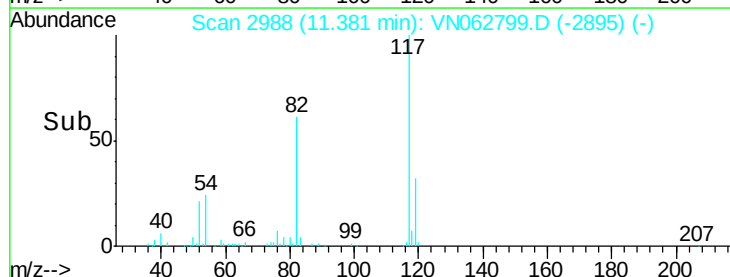
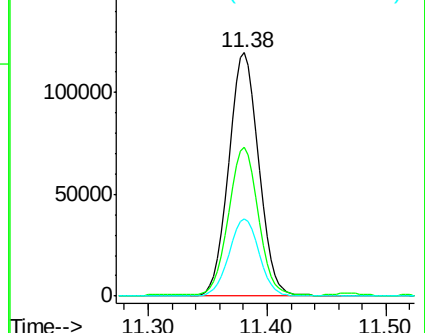
119 31.7 26.2 39.2

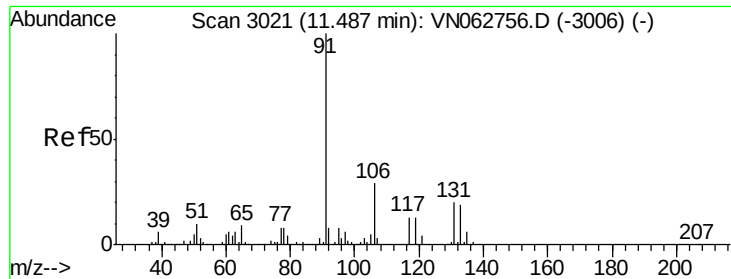


Abundance Ion 116.90 (116.60 to 117.60): VN062799.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062799.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062799.D (-2895) (-)

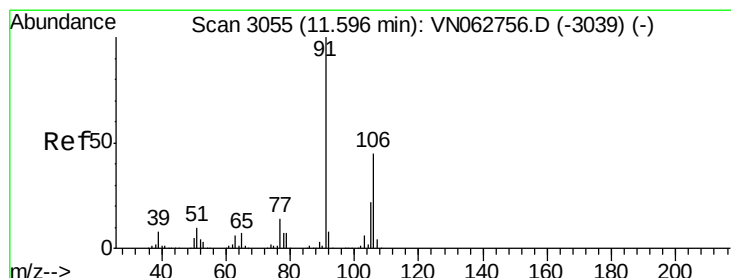
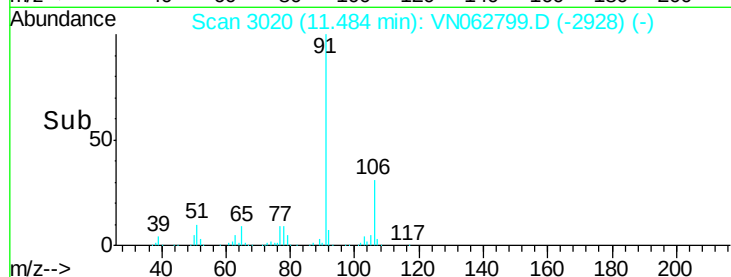
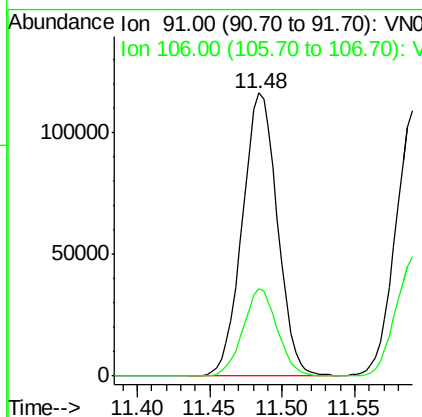
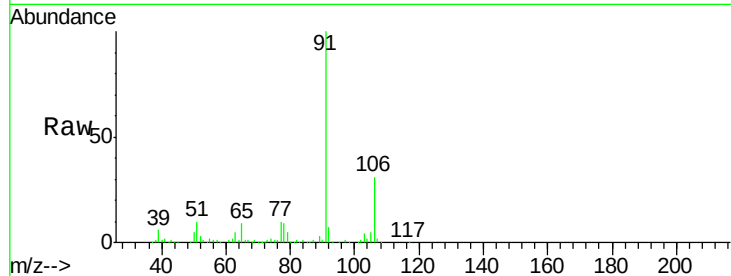




#67
Ethyl Benzene
Concen: 25.071 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

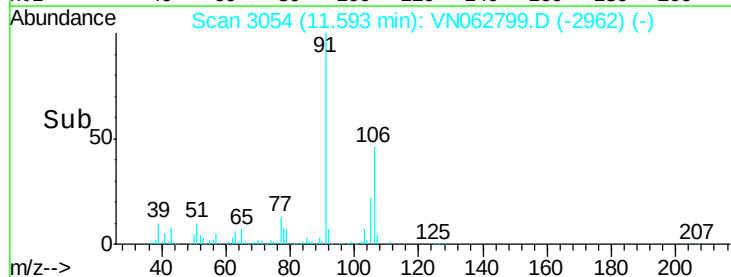
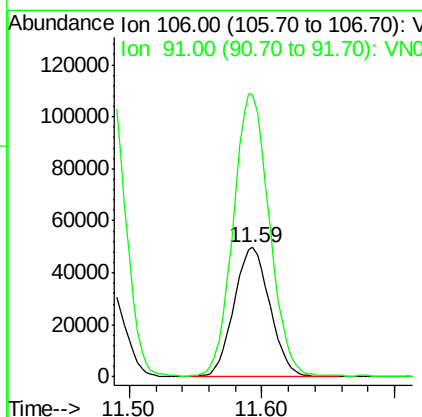
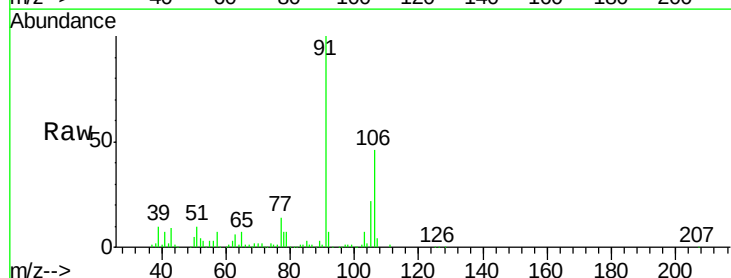
Instrument :
MSVOA_N
ClientSampled :
NB-30860ME

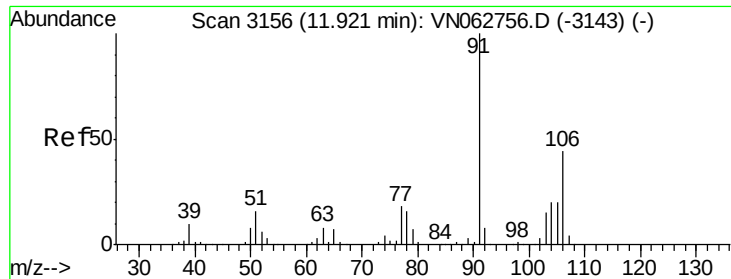
Tot Ion: 91 Resp: 196420
Ion Ratio Lower Upper
91 100
106 30.9 23.2 34.8



#68
m/p-Xylenes
Concen: 33.097 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion: 106 Resp: 94127
Ion Ratio Lower Upper
106 100
91 217.3 175.9 263.9

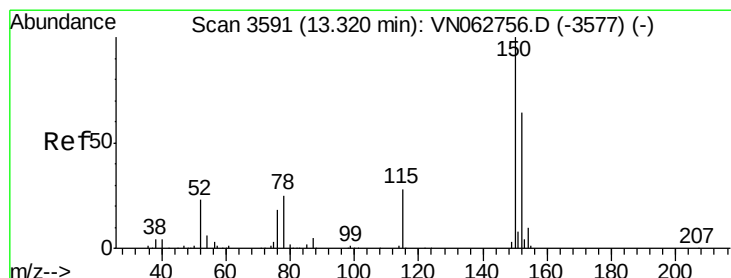
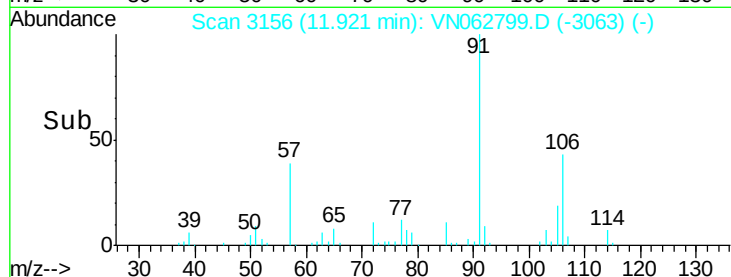
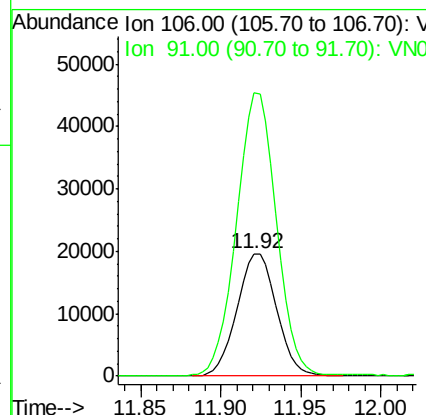
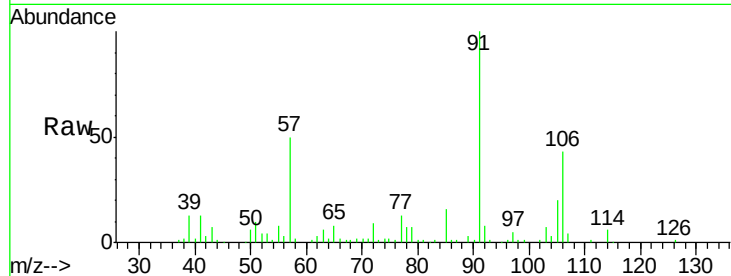




#69
o-Xylene
Concen: 12.408 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

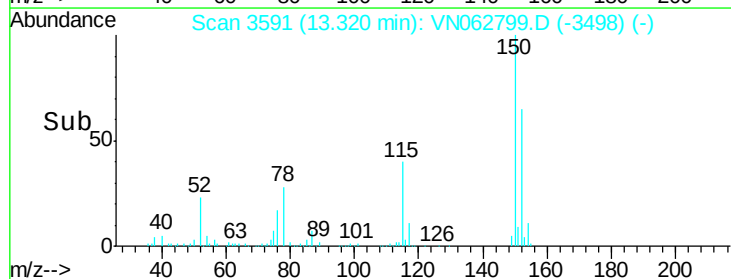
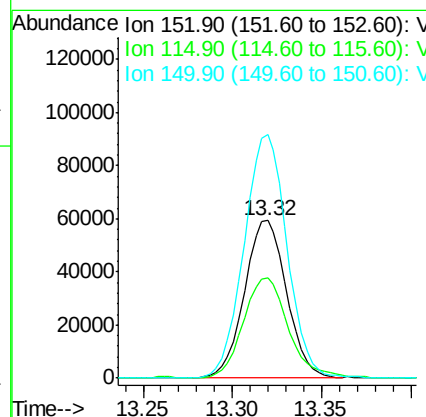
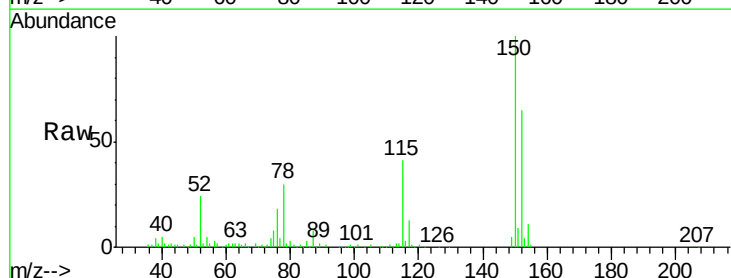
Instrument :
MSVOA_N
ClientSampled :
NB-30860ME

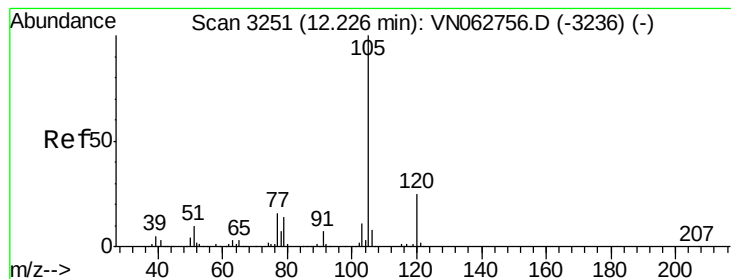
Tot Ion:106 Resp: 33069
Ion Ratio Lower Upper
106 100
91 232.8 115.8 347.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion:152 Resp: 97769
Ion Ratio Lower Upper
152 100
115 67.1 31.6 94.8
150 157.3 0.0 349.2





#73

Isopropylbenzene

Concen: 1.544 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

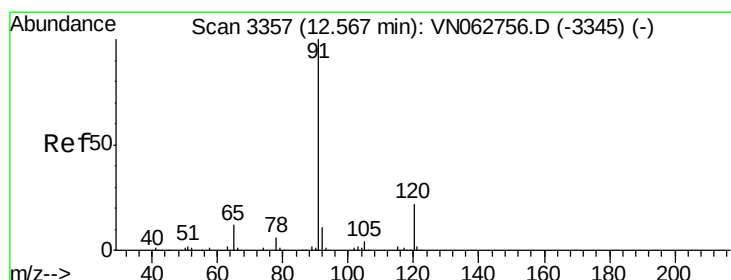
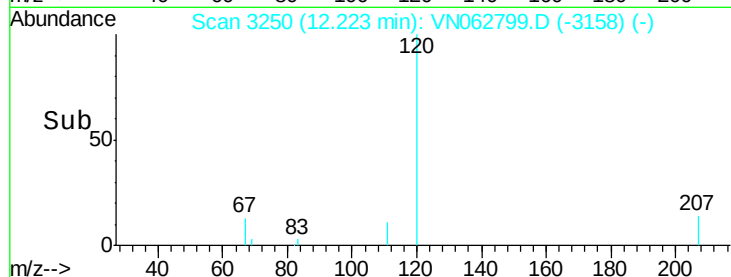
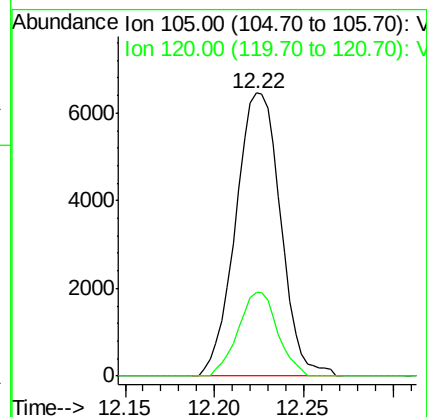
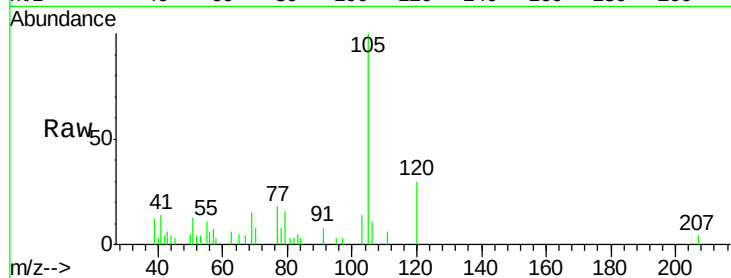
NB-30860ME

Tot Ion:105 Resp: 11369

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.8



#78

n-propylbenzene

Concen: 2.754 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062799.D

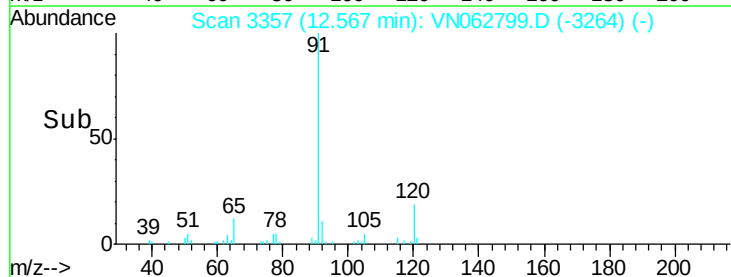
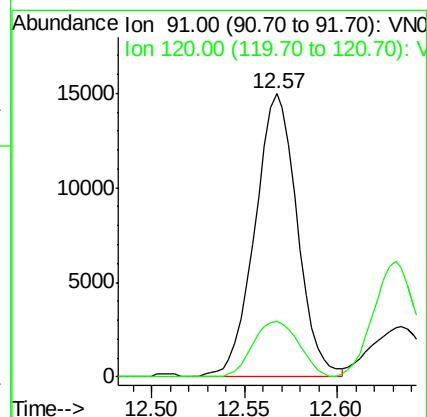
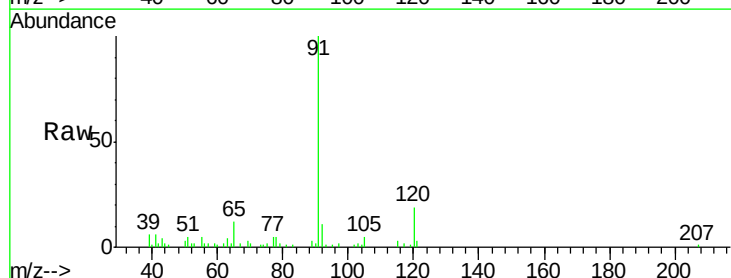
Acq: 10 Aug 2020 10:58

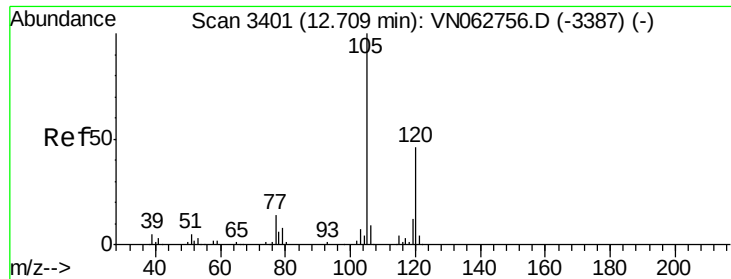
Tgt Ion: 91 Resp: 23798

Ion Ratio Lower Upper

91 100

120 21.2 10.9 32.9

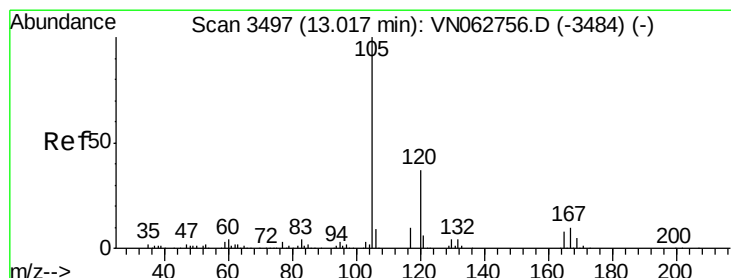
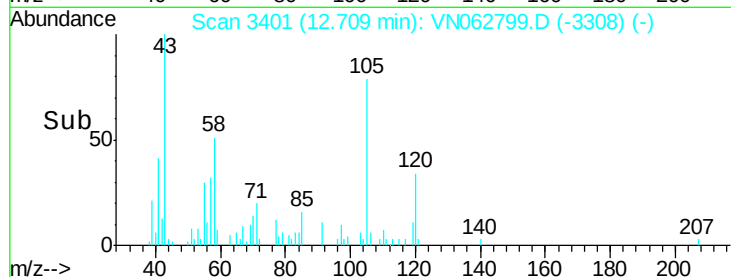
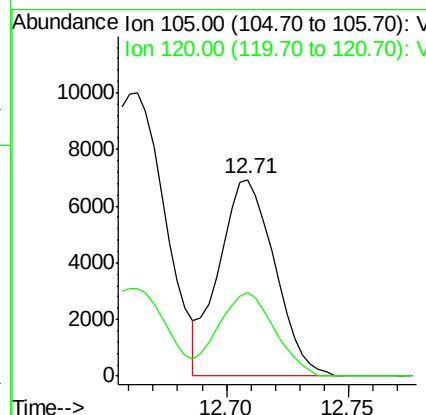
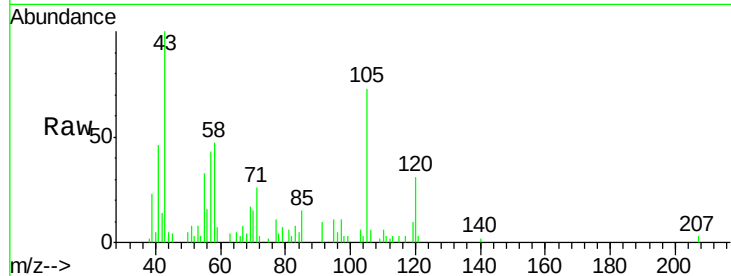




#80
 1,3,5-Trimethylbenzene
 Concen: 1.727 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

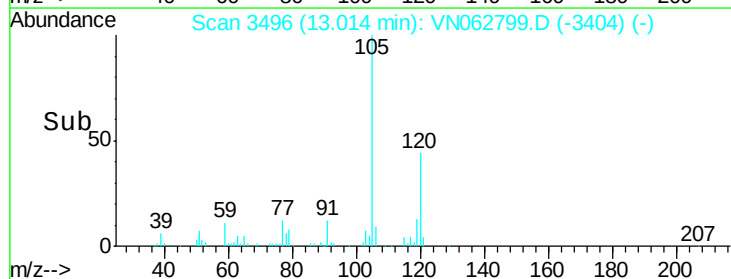
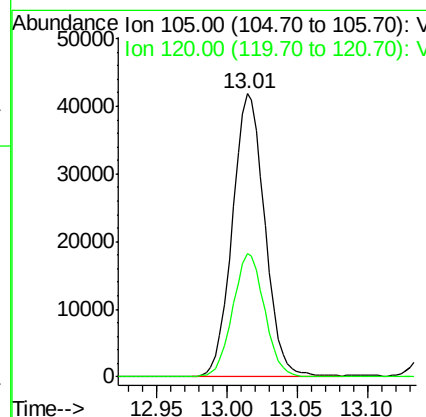
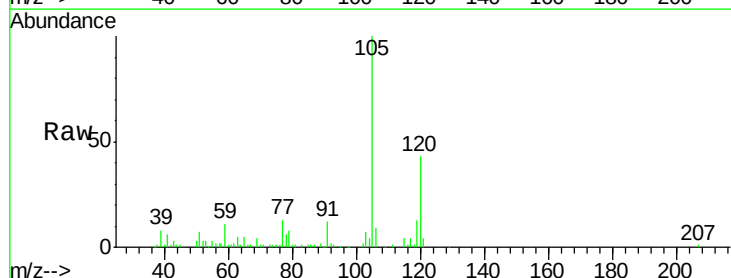
Instrument :
 MSVOA_N
 ClientSampled :
 NB-30860ME

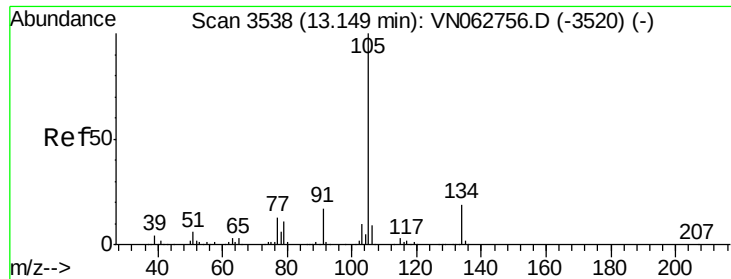
Tot Ion:105 Resp: 11028
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.9 68.5



#84
 1,2,4-Trimethylbenzene
 Concen: 11.032 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion:105 Resp: 67409
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.4 64.2





#85

sec-Butylbenzene

Concen: 1.112 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampled :

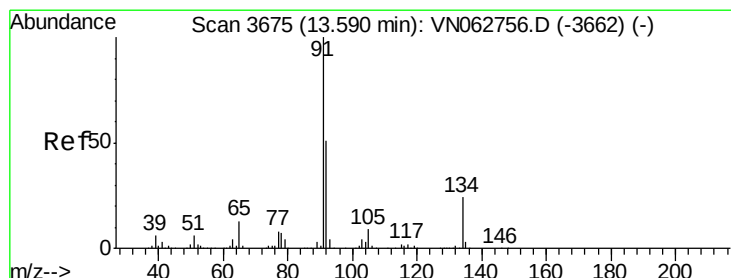
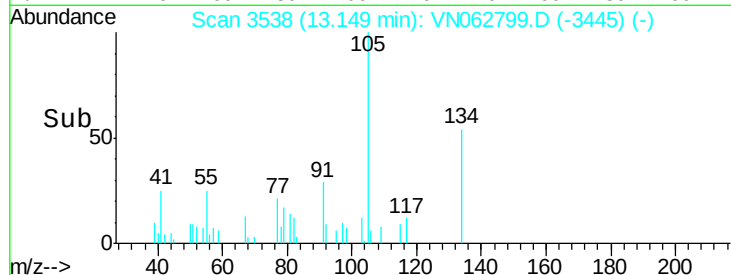
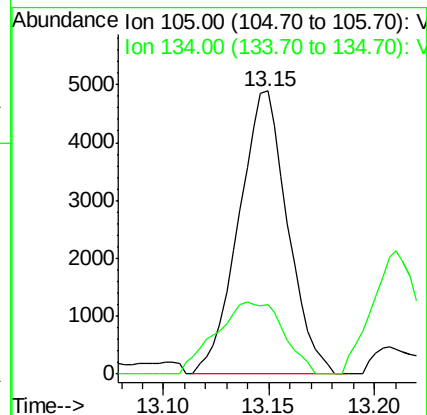
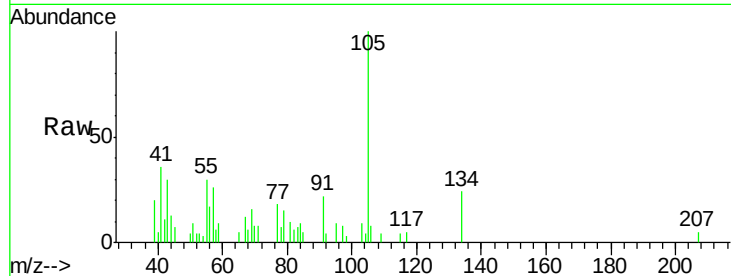
NB-30860ME

Tot Ion:105 Resp: 7889

Ion Ratio Lower Upper

105 100

134 35.1 9.6 28.6#



#89

n-Butylbenzene

Concen: 20.056 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

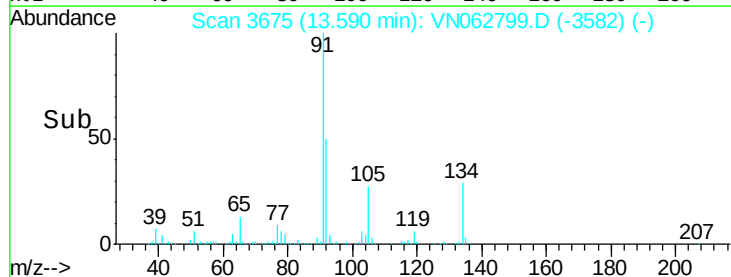
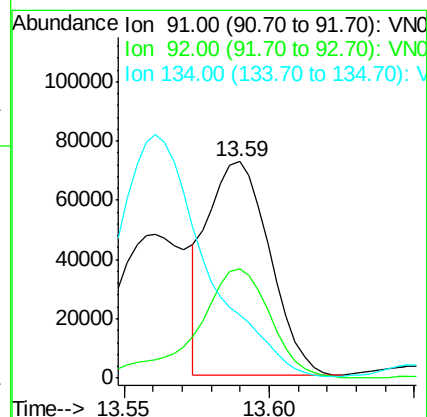
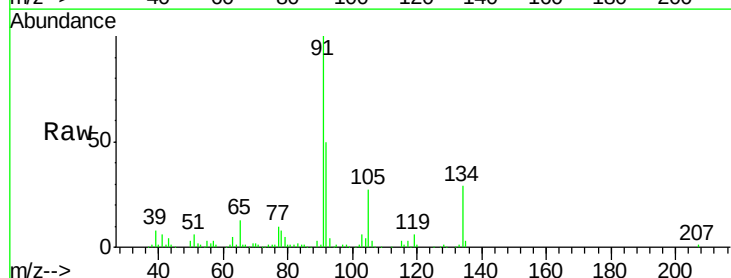
Tgt Ion: 91 Resp: 106856

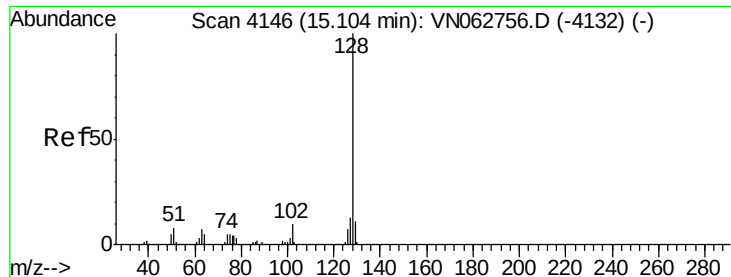
Ion Ratio Lower Upper

91 100

92 60.9 25.7 77.0

134 0.0 12.2 36.6#

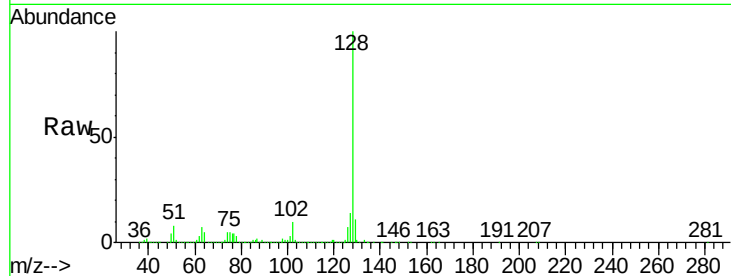




#95
 Naphthalene
 Concen: 589.900 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

Tot Ion:128 Resp: 2845694
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.8 16.2
 129 10.9 8.8 13.2



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

