

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 11:25:15 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	95565	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	7.54	113	67163	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.06	98	271637	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.38	95	104205	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	485	0.300	ug/l #	43
5) Bromomethane	2.50	94	294	0.293	ug/l #	11
8) Diethyl Ether	3.36	74	384	0.496	ug/l #	1
11) Tert butyl alcohol	4.68	59	8019	24.702	ug/l #	72
14) Allyl chloride	4.31	41	6913	3.297	ug/l #	60
16) Acetone	3.79	43	225114	314.541	ug/l	98
18) Methyl Acetate	4.30	43	14097	7.365	ug/l #	52
19) Methyl tert-butyl Ether	4.99	73	1259	0.271	ug/l	96
20) Methylene Chloride	4.48	84	7357	4.932	ug/l #	96
25) 2-Butanone	6.80	43	14822	14.623	ug/l	99
31) Cyclohexane	7.59	56	39795	16.572	ug/l #	57
36) 1,1-Dichloropropene	7.62	75	10182	5.064	ug/l #	47
37) Ethyl Acetate	6.80	43	14822	7.056	ug/l #	67
38) Carbon Tetrachloride	7.62	117	13088	5.503	ug/l #	15
39) Methylcyclohexane	9.04	83	54614	22.568	ug/l	97
40) Benzene	8.00	78	7322	1.220	ug/l	93
41) Methacrylonitrile	7.19	41	353	0.372	ug/l #	24
43) Isopropyl Acetate	8.10	43	13867	3.958	ug/l #	61
47) Bromodichloromethane	9.33	83	501	0.210	ug/l #	25
48) Methyl methacrylate	9.17	41	2850	1.654	ug/l #	62
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
53) t-1,3-Dichloropropene	10.21	75	2280	0.867	ug/l #	49
54) cis-1,3-Dichloropropene	9.56	75	904	0.343	ug/l #	32
55) 1,1,2-Trichloroethane	10.50	97	25352	16.022	ug/l #	18
56) Ethyl methacrylate	10.40	69	6148	2.581	ug/l #	42
59) 2-Hexanone	10.73	43	4558	2.695	ug/l #	62
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
70) Styrene	11.92	104	2278	0.486	ug/l #	1
73) Isopropylbenzene	12.22	105	11369	1.544	ug/l	98
74) N-amyl acetate	12.01	43	16744	5.612	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.50	83	7190	2.774	ug/l #	30

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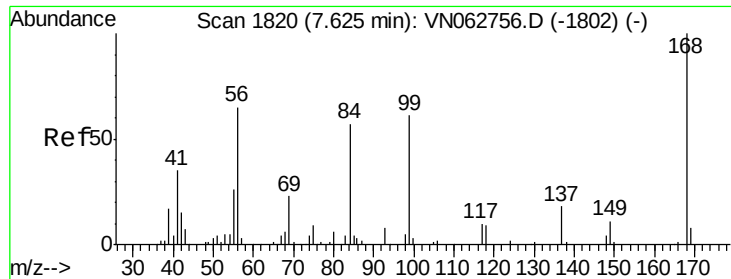
Instrument :
 MSVOA_N
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Quant Time: Aug 10 11:25:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	12.38	75	57636	21.859	ug/l #	100
78) n-propylbenzene	12.57	91	23798	2.754	ug/l	99
79) 2-Chlorotoluene	12.63	91	7318	1.350	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.71	105	11028	1.727	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	57636	66.729	ug/l #	10
82) 4-Chlorotoluene	12.71	91	1740	0.312	ug/l #	44
83) tert-Butylbenzene	13.01	119	8611	1.593	ug/l #	67
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
86) p-Isopropyltoluene	13.21	119	11202	1.778	ug/l	96
89) n-Butylbenzene	13.59	91	106856	20.056	ug/l #	75
90) Hexachloroethane	13.86	117	128288	94.476	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.22	75	22181	39.867	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	550	3.634	ug/l #	82
95) Naphthalene	15.10	128	2845694	589.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.24	180	505	3.035	ug/l #	12

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



#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 :

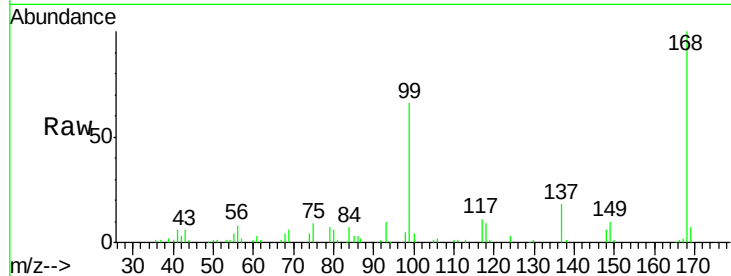
NB-30860ME

Tgt 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

7.62

60000

50000

40000

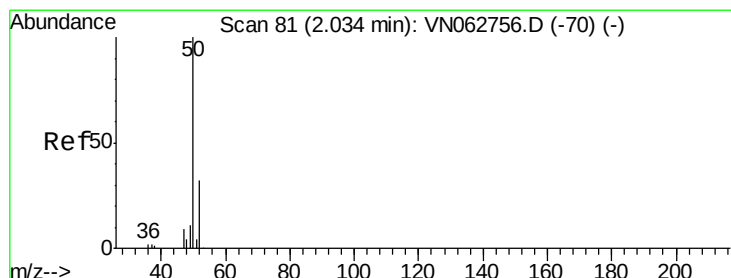
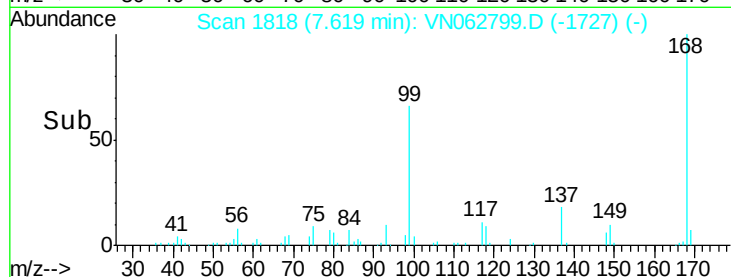
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.300 ug/l

RT: 2.13 min Scan# 110

Delta R.T. 0.09 min

Lab File: VN062799.D

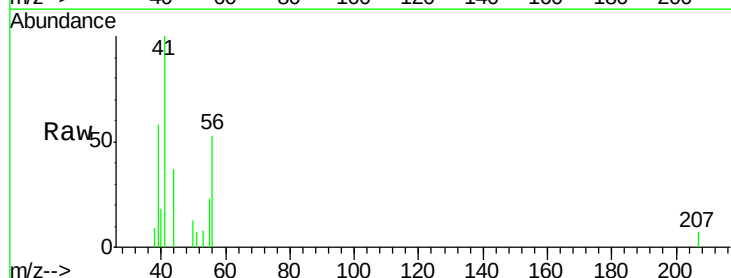
Acq: 10 Aug 2020 10:58

Tgt Ion: 50 Resp: 485

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.13

400

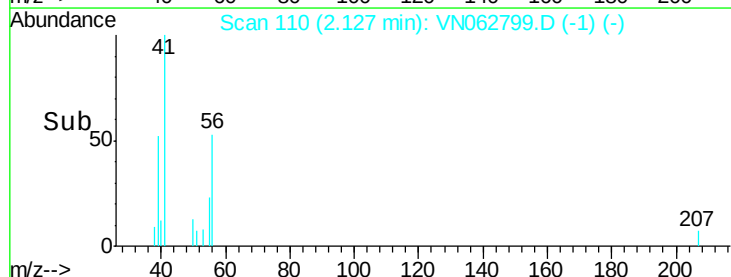
300

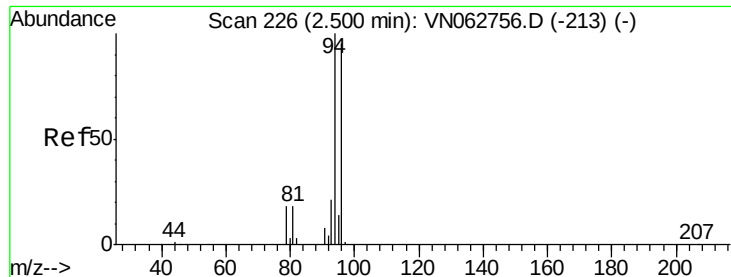
200

100

0

Time--> 2.10 2.12 2.14 2.16





#5

Bromomethane

Concen: 0.293 ug/l

RT: 2.50 min Scan# 226

Delta R.T. 0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

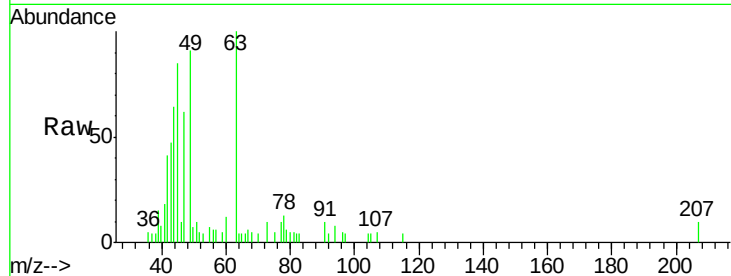
NB-30860ME

Tgt Ion: 94 Resp: 294

Ion Ratio Lower Upper

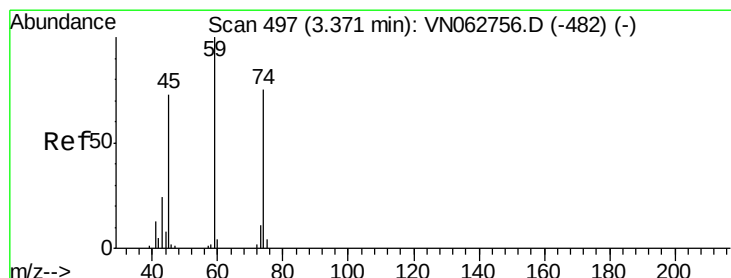
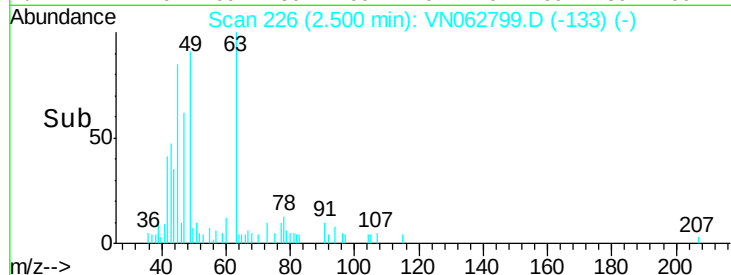
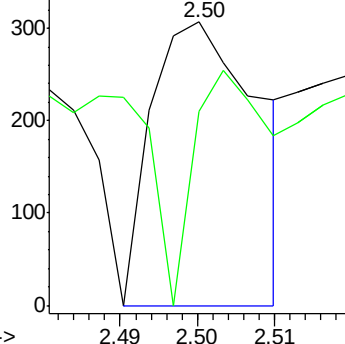
94 100

96 8.5 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.496 ug/l

RT: 3.36 min Scan# 493

Delta R.T. -0.01 min

Lab File: VN062799.D

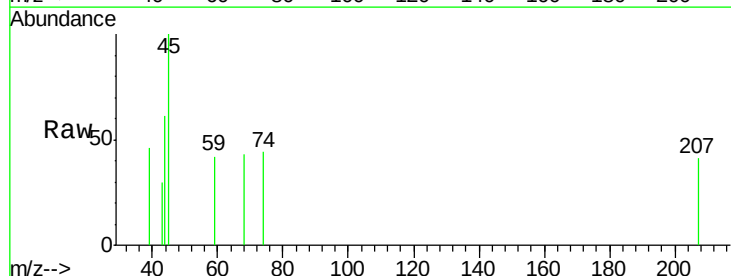
Acq: 10 Aug 2020 10:58

Tgt Ion: 74 Resp: 384

Ion Ratio Lower Upper

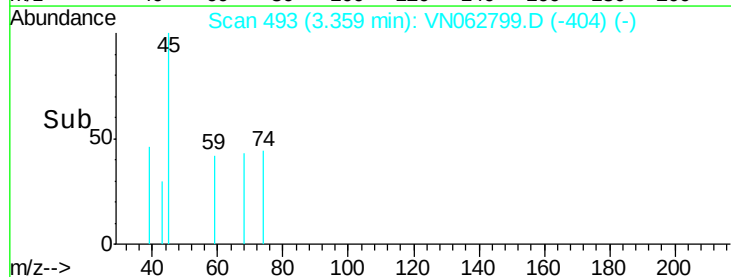
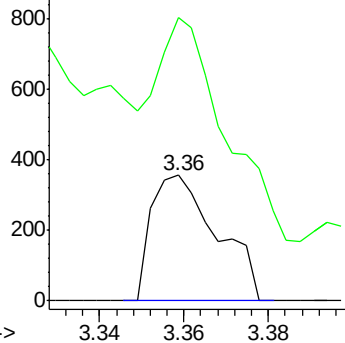
74 100

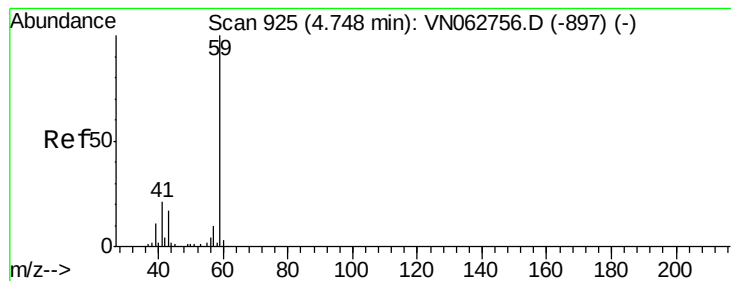
45 291.4 48.7 146.1#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



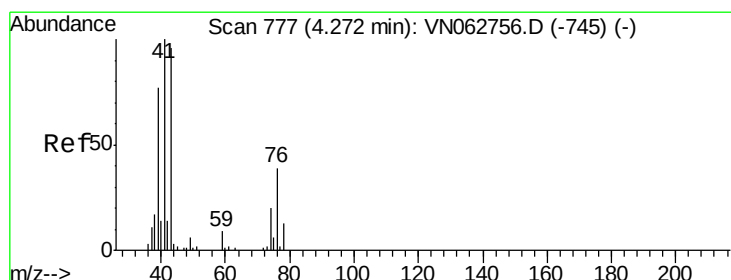
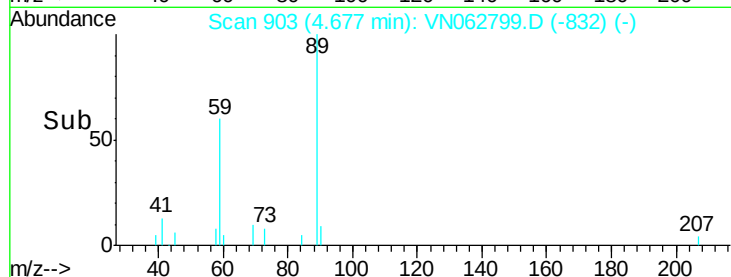
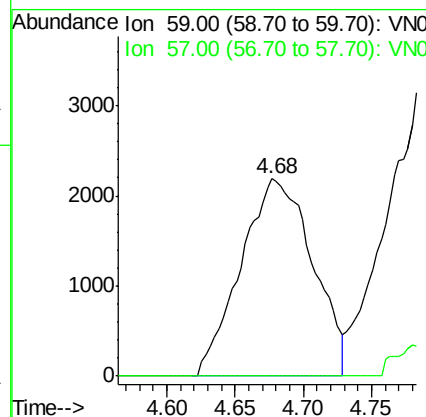
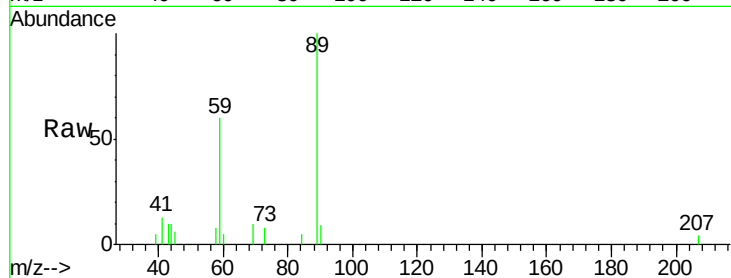


#11

Tert butyl alcohol
 Concen: 24.702 ug/l
 RT: 4.68 min Scan# 903
 Delta R.T. -0.07 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Instrument :
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 NB-30860ME

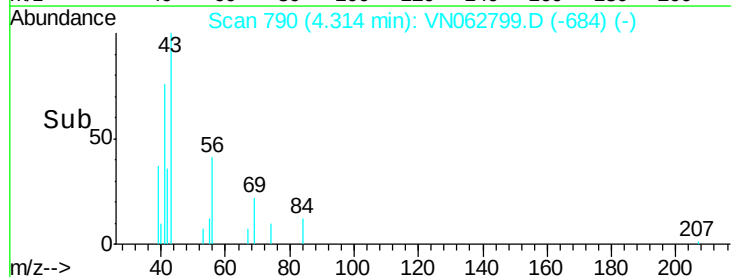
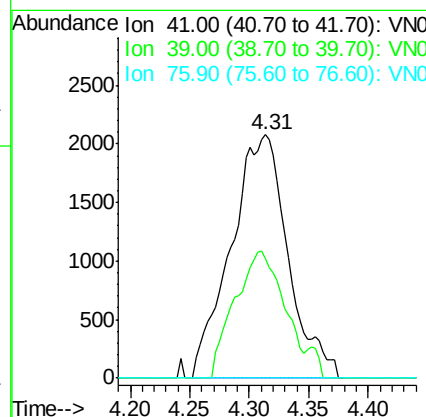
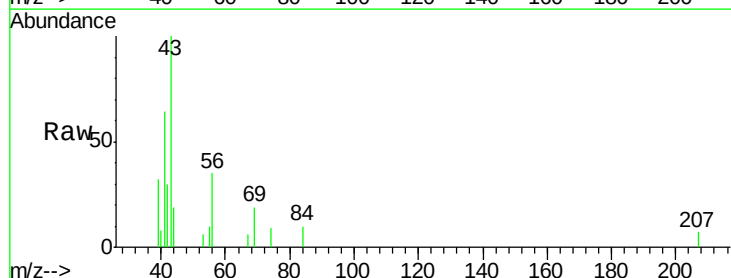
Tgt Ion: 59 Resp: 8019
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

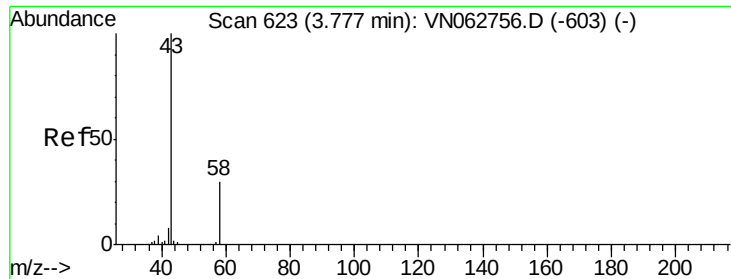


#14

Allyl chloride
 Concen: 3.297 ug/l
 RT: 4.31 min Scan# 790
 Delta R.T. 0.04 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion: 41 Resp: 6913
 Ion Ratio Lower Upper
 41 100
 39 44.9 55.7 83.5#
 76 0.0 27.5 41.3#

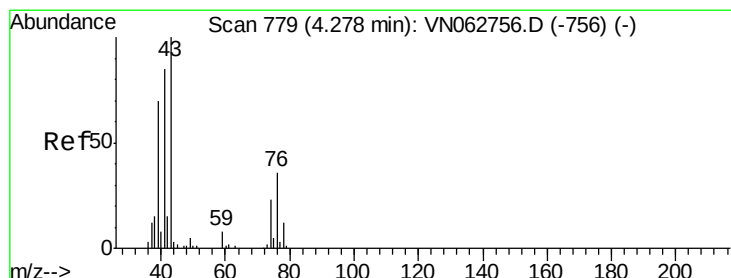
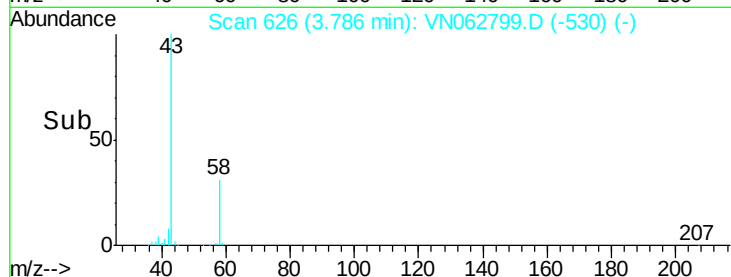
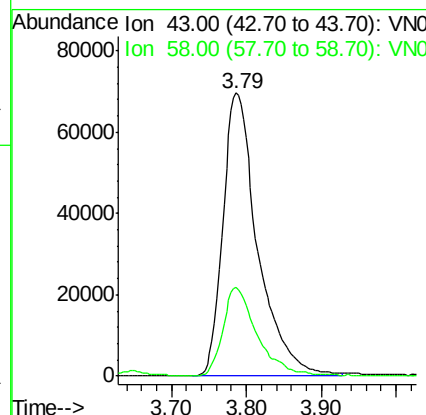
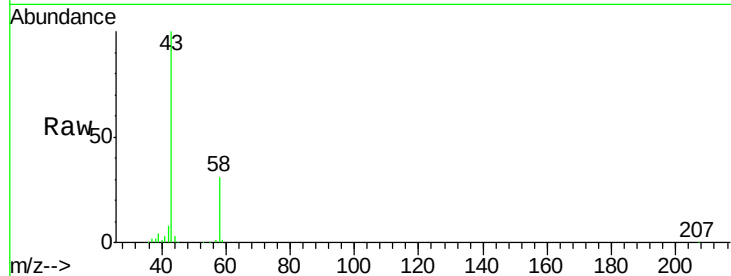




#16
Acetone
Concen: 314.541 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

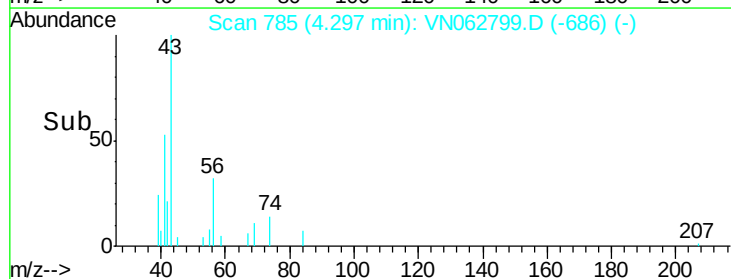
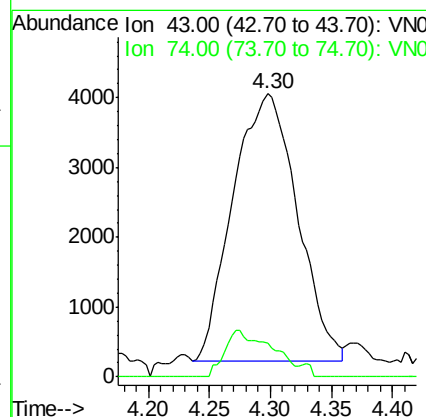
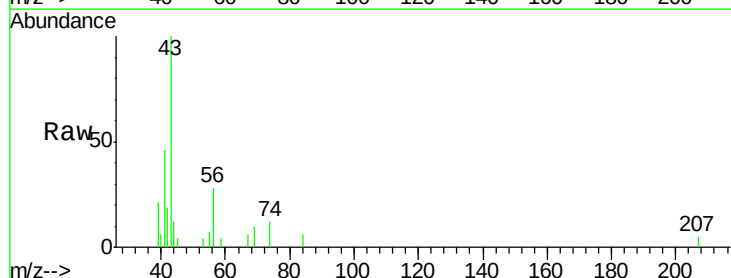
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MSVOA_N
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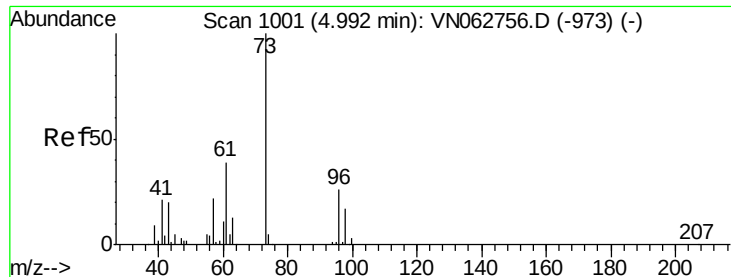
Tgt Ion: 43 Resp: 225114
Ion Ratio Lower Upper
43 100
58 31.2 24.1 36.1



#18
Methyl Acetate
Concen: 7.365 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.02 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion: 43 Resp: 14097
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#





#19

Methyl tert-butyl Ether

Concen: 0.271 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

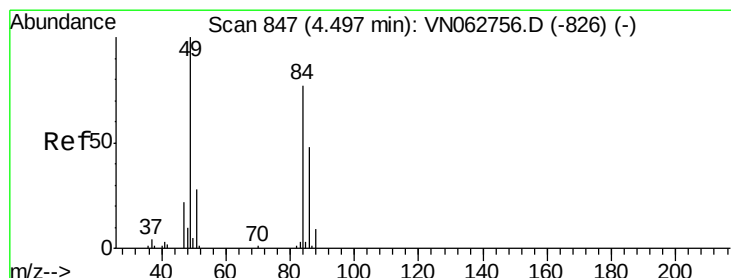
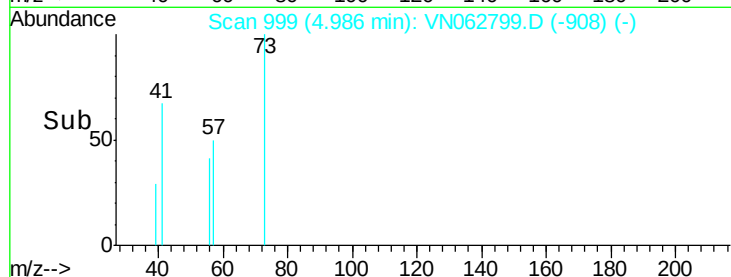
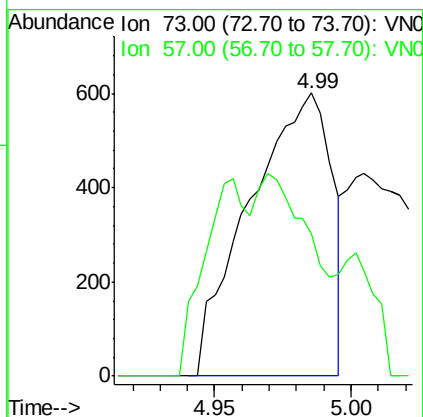
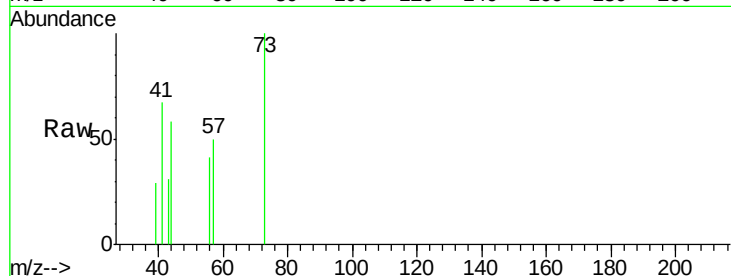
NB-30860ME

Tgt Ion: 73 Resp: 1259

Ion Ratio Lower Upper

73 100

57 23.6 17.5 26.3



#20

Methylene Chloride

Concen: 4.932 ug/l

RT: 4.48 min Scan# 842

Delta R.T. -0.02 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Tgt Ion: 84 Resp: 7357

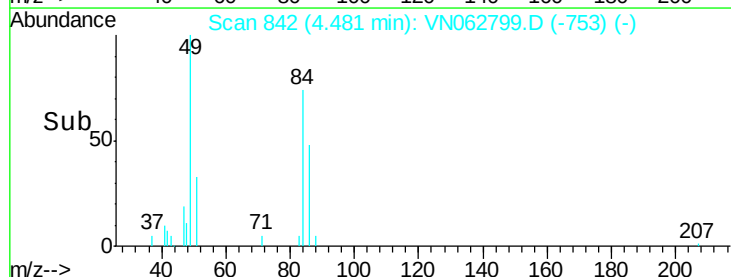
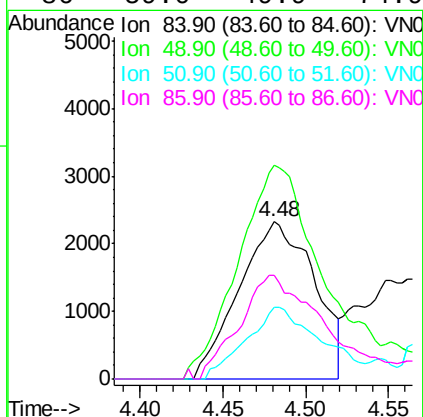
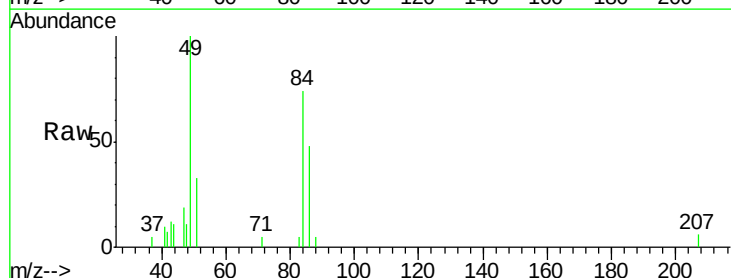
Ion Ratio Lower Upper

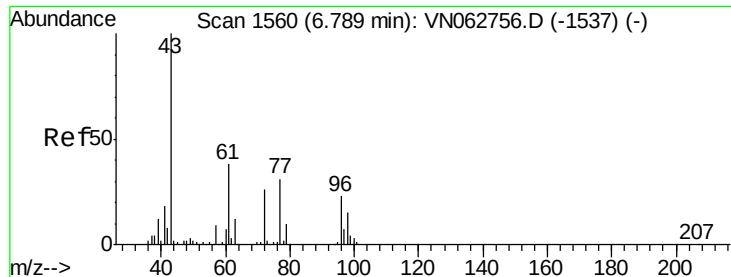
84 100

49 128.4 103.4 155.2

51 45.3 29.3 43.9#

86 59.0 49.9 74.9





#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 :

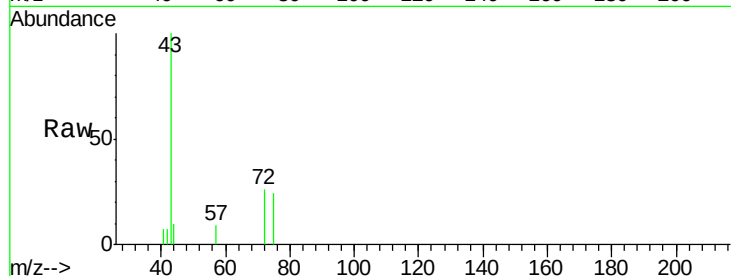
NB-30860ME

Tgt Ion: 43 Resp: 14822

Ion Ratio Lower Upper

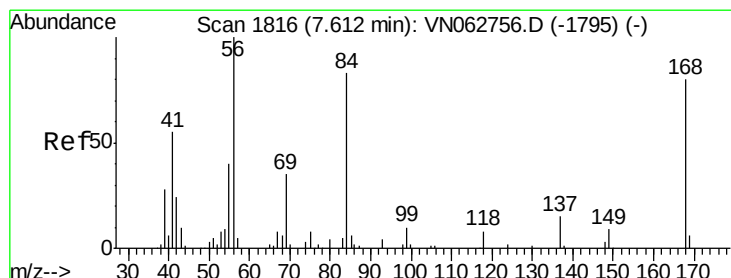
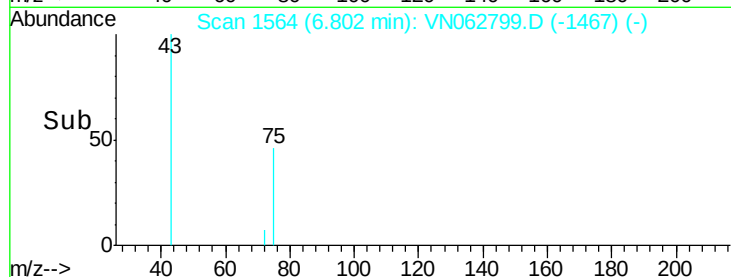
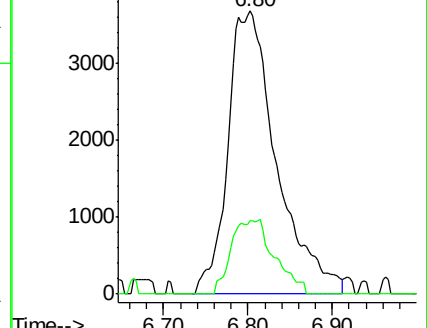
43 100

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

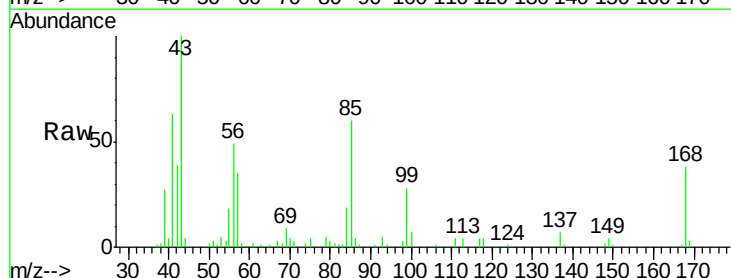
Tgt Ion: 56 Resp: 39795

Ion Ratio Lower Upper

56 100

69 18.7 28.1 42.1#

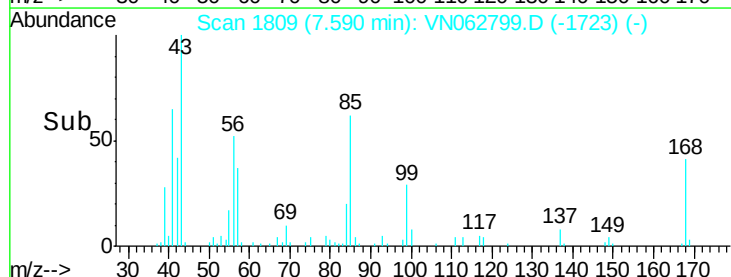
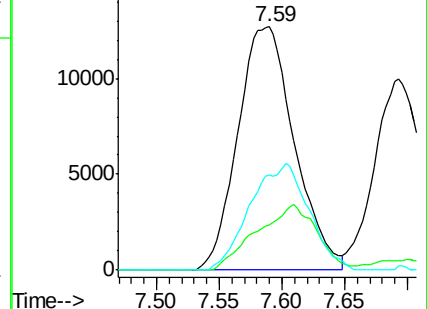
84 39.2 66.8 100.2#

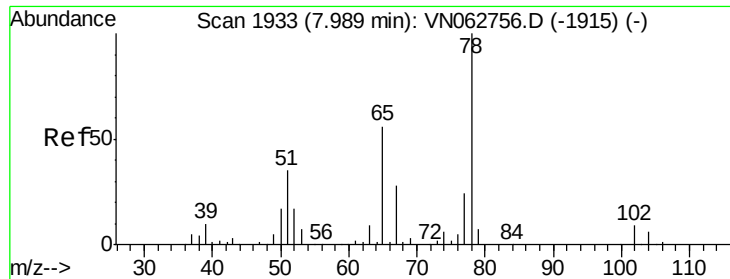


Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-1795) (-)

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

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

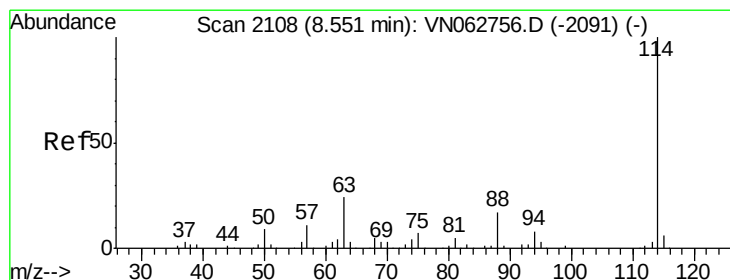
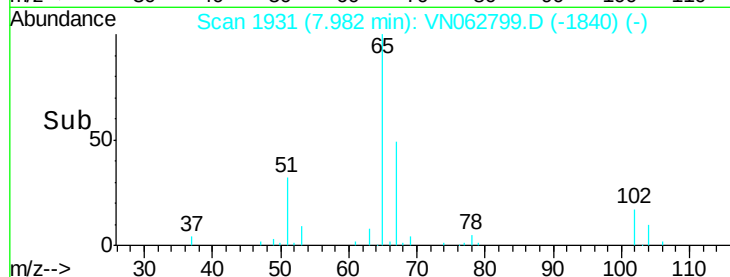
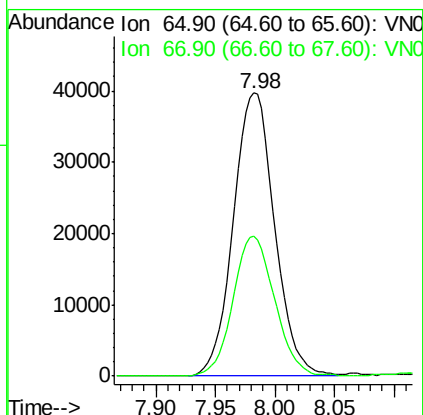
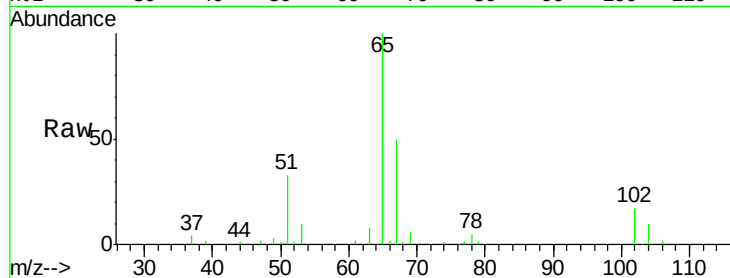




#33
 1,2-Dichloroethane-d4
 Concen: 48.249 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

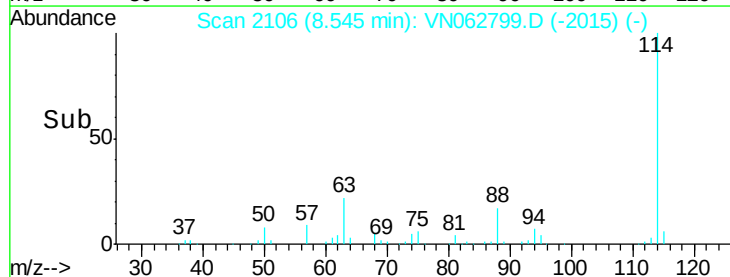
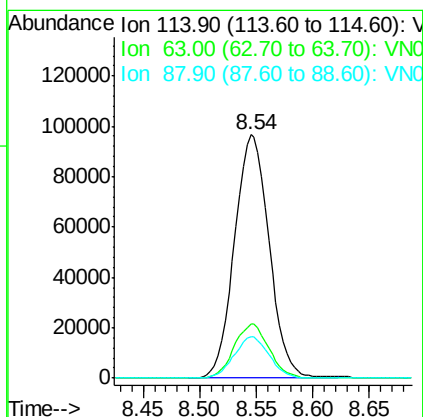
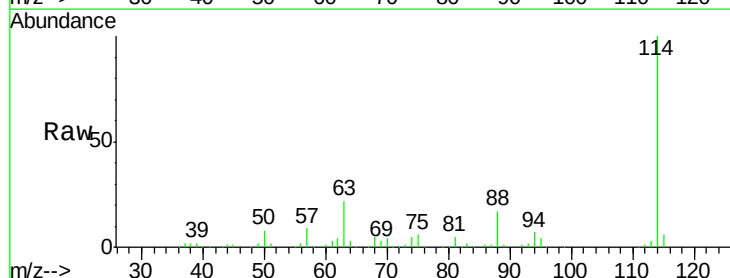
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

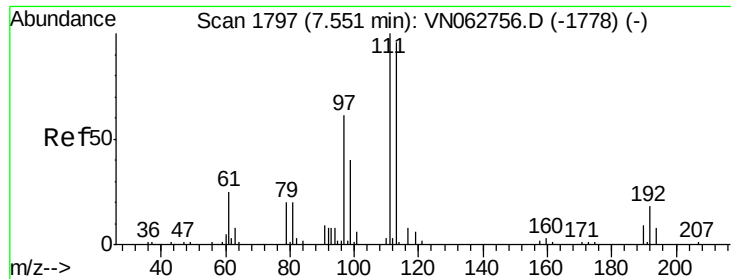
Tgt Ion: 65 Resp: 95565
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.4



#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

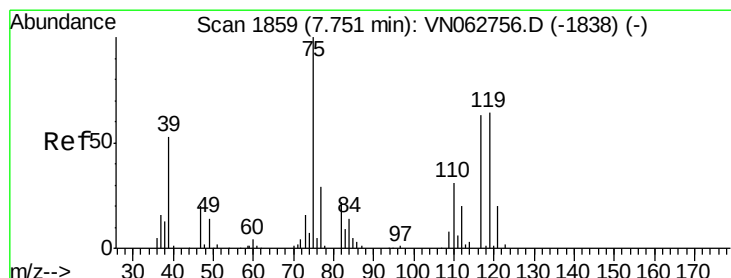
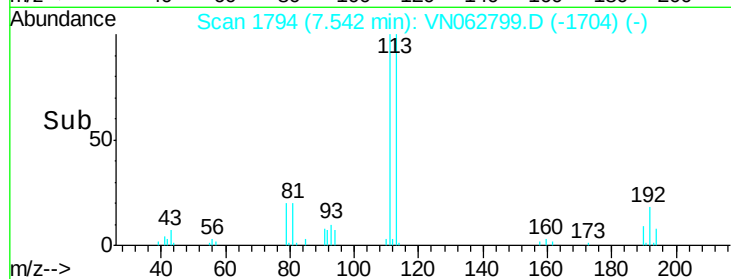
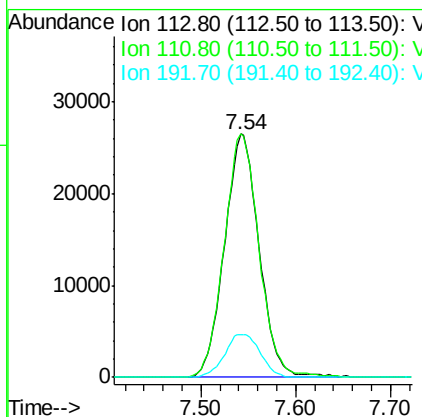
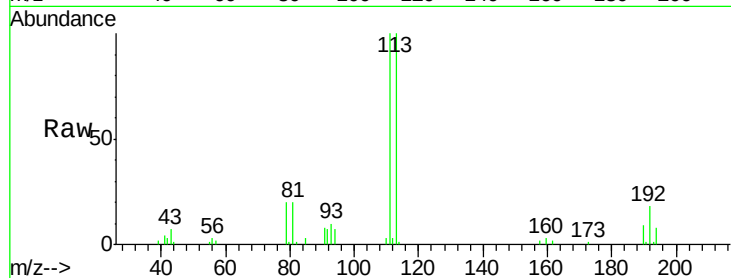




#35
 Dibromofluoromethane
 Concen: 47.543 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

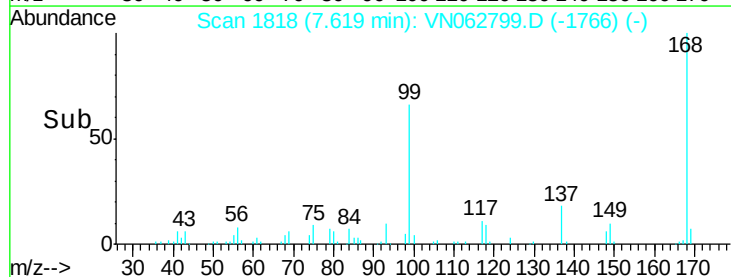
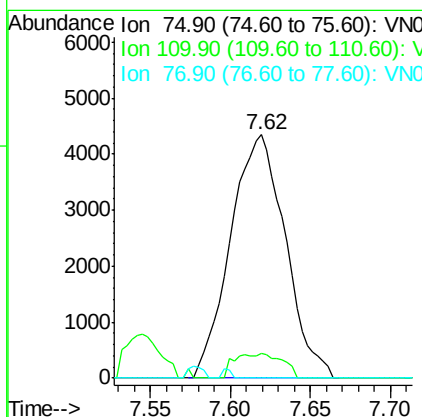
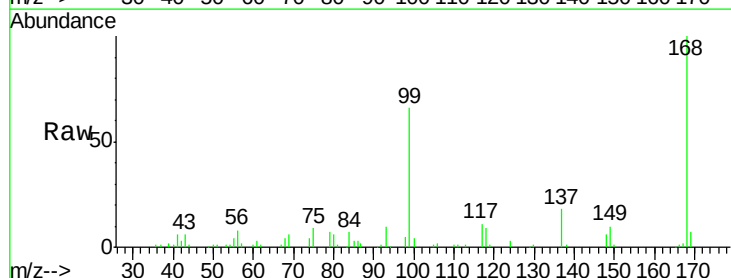
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

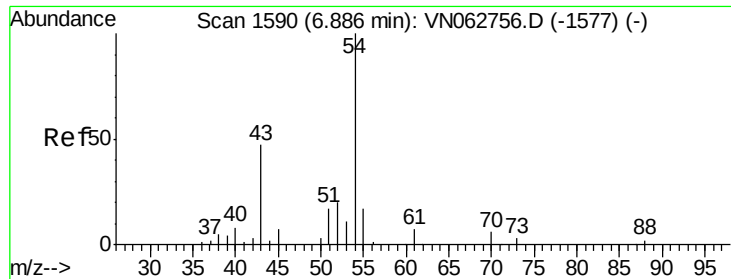
Tgt Ion: 113 Resp: 67163
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.8 122.6
 192 18.1 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.064 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion: 75 Resp: 10182
 Ion Ratio Lower Upper
 75 100
 110 3.5 15.6 46.7#
 77 0.0 24.1 36.1#

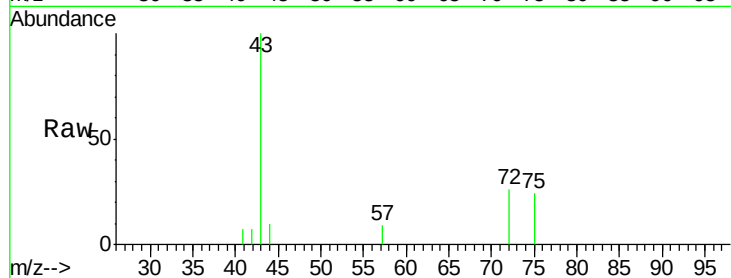




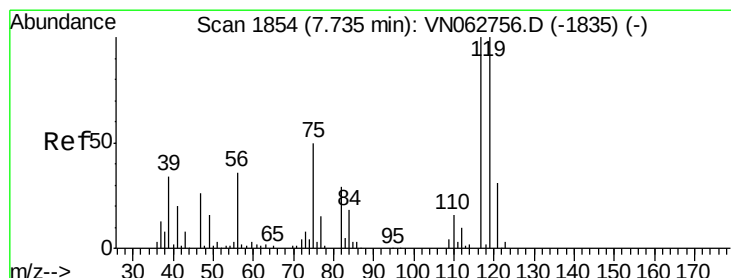
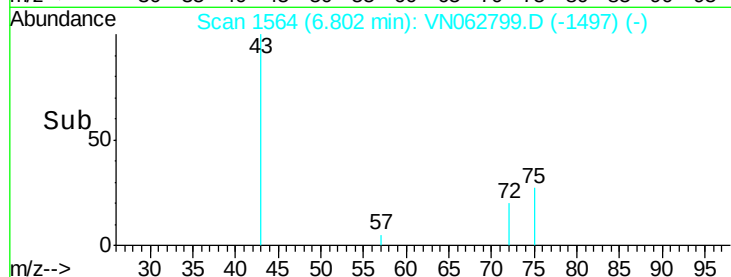
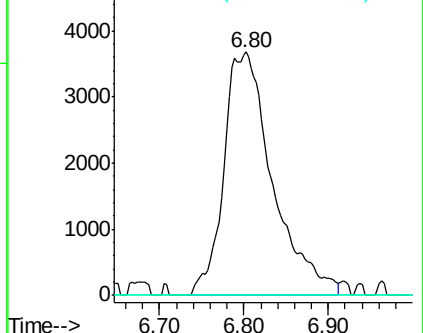
#37
Ethyl Acetate
 Concen: 7.056 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.08 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

Tgt Ion: 43 Resp: 14822
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 8.3 12.5#

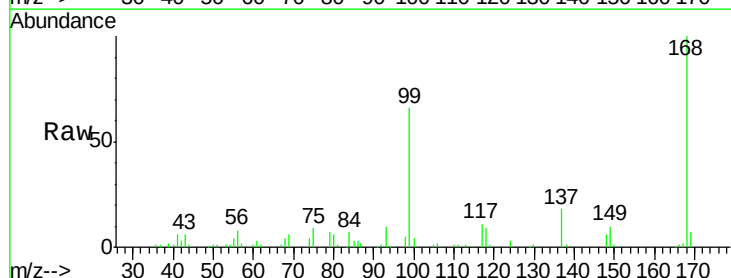


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

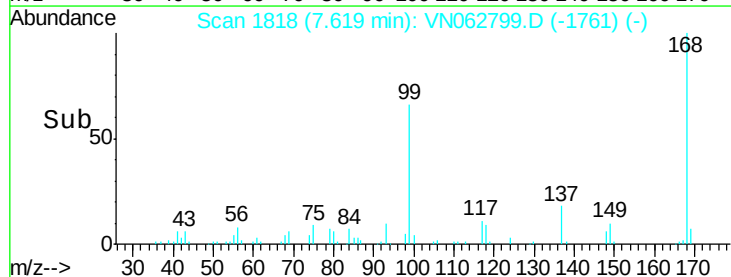
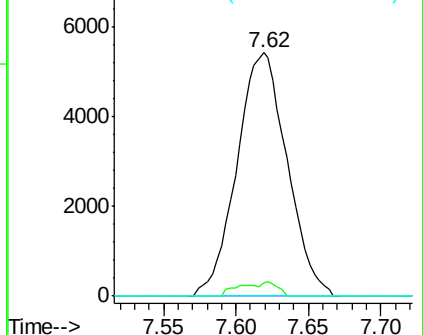


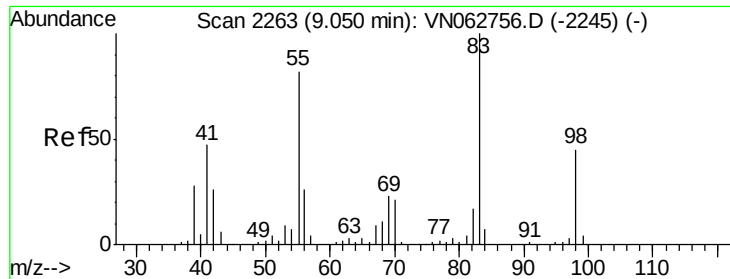
#38
Carbon Tetrachloride
 Concen: 5.503 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.12 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion: 117 Resp: 13088
 Ion Ratio Lower Upper
 117 100
 119 5.2 79.4 119.2#
 121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

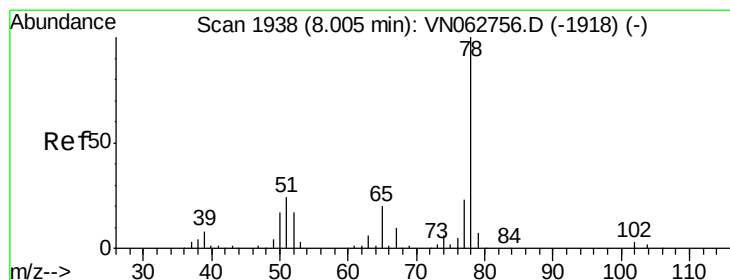
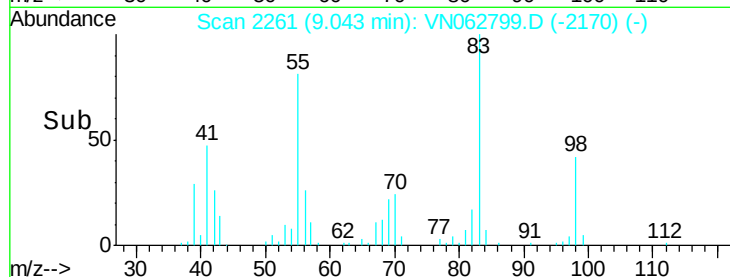
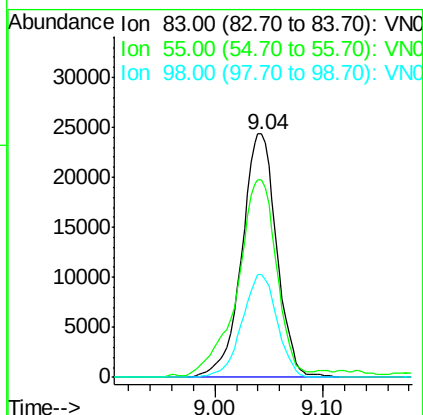
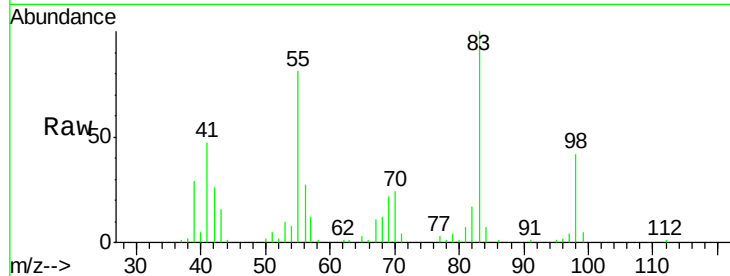




#39
Methylcyclohexane
Concen: 22.568 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

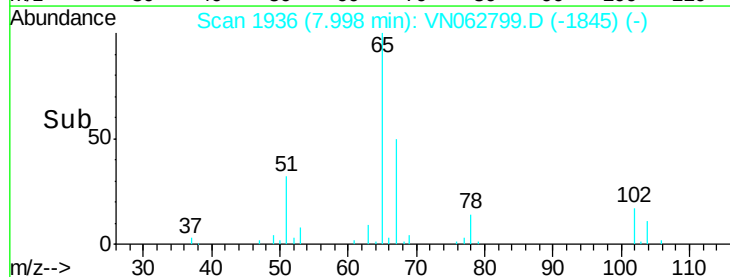
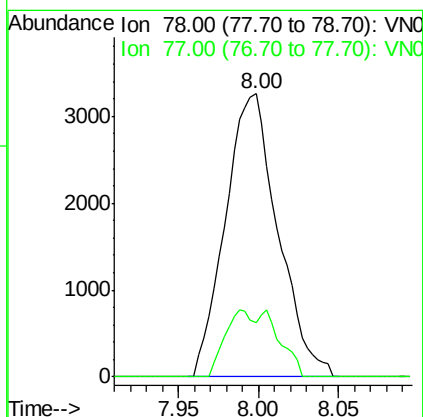
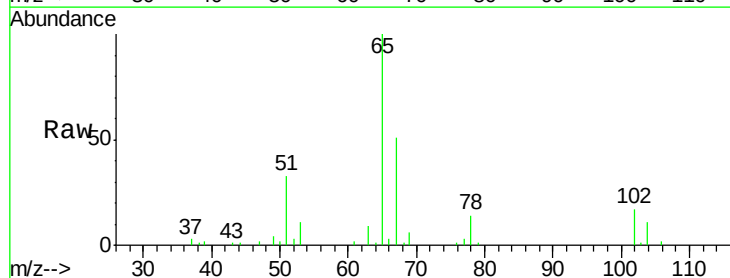
Instrument :
MSVOA_N
ClientSampleId :
NB-30860ME

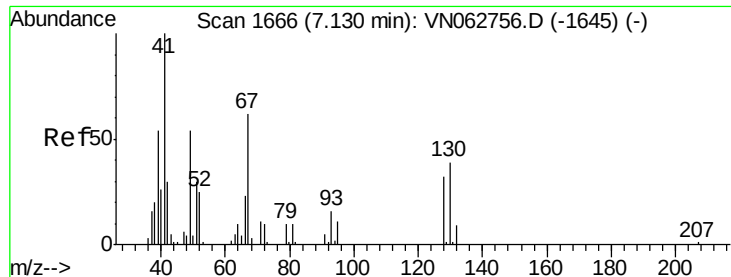
Tgt Ion: 83 Resp: 54614
Ion Ratio Lower Upper
83 100
55 79.5 65.7 98.5
98 42.1 35.6 53.4



#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

Tgt Ion: 78 Resp: 7322
Ion Ratio Lower Upper
78 100
77 19.0 18.1 27.1

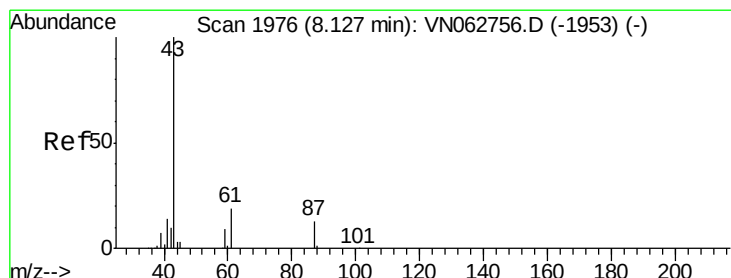
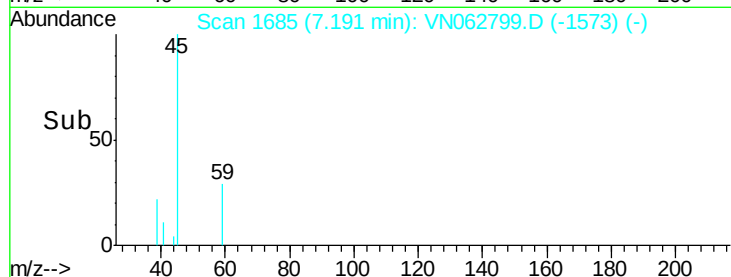
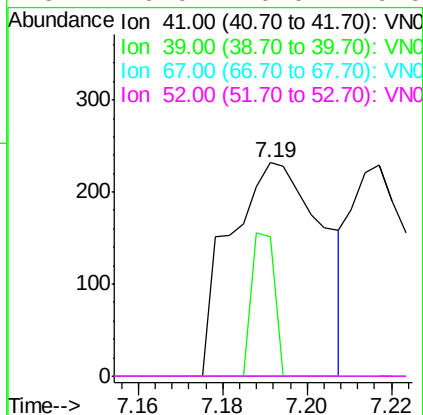
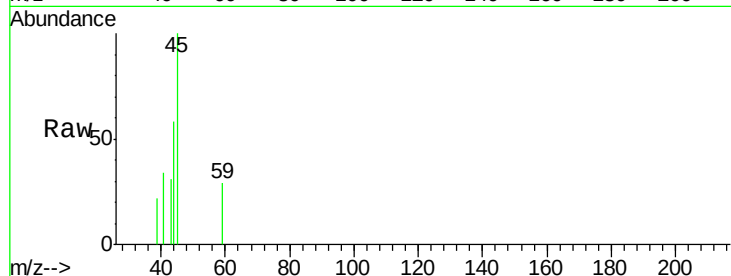




#41
Methacrylonitrile
Concen: 0.372 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.06 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

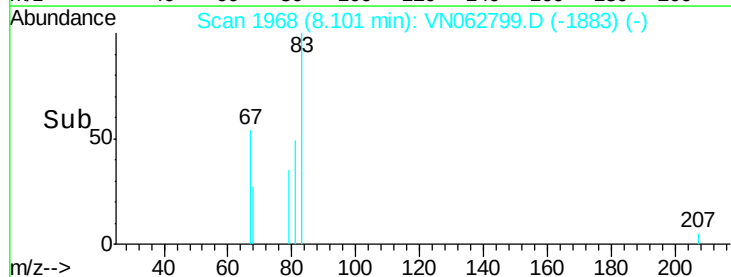
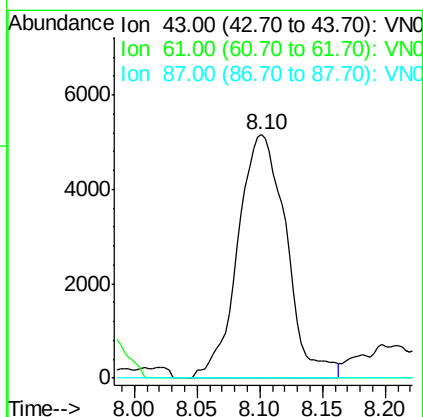
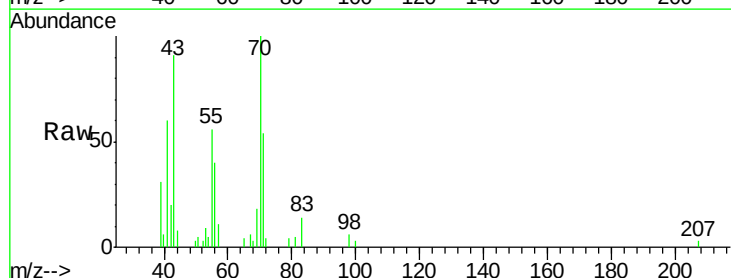
Instrument :
MSVOA_N
ClientSampled :
NB-30860ME

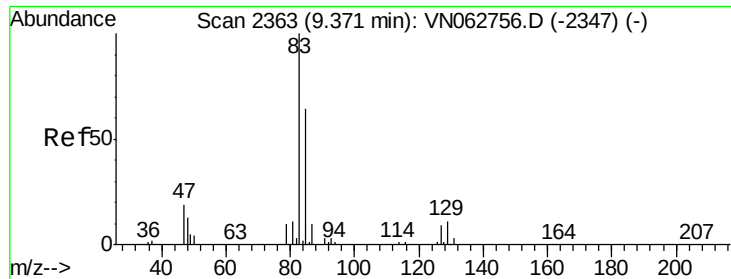
Tgt Ion:	41	Resp:	353
Ion	Ratio	Lower	Upper
41	100		
39	16.7	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 3.958 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.03 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion:	43	Resp:	13867
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.6#
87	0.0	9.9	14.9#





#47

Bromodichloromethane

Concen: 0.210 ug/l

RT: 9.33 min Scan# 2350

Delta R.T. -0.04 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampled :

NB-30860ME

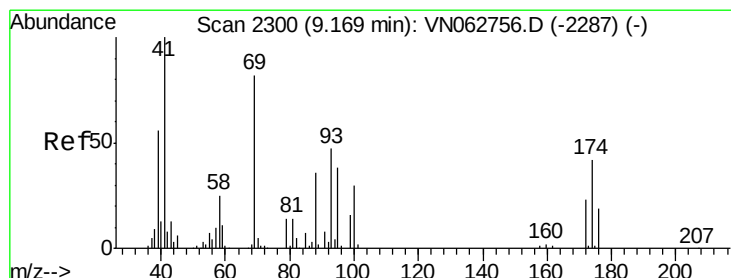
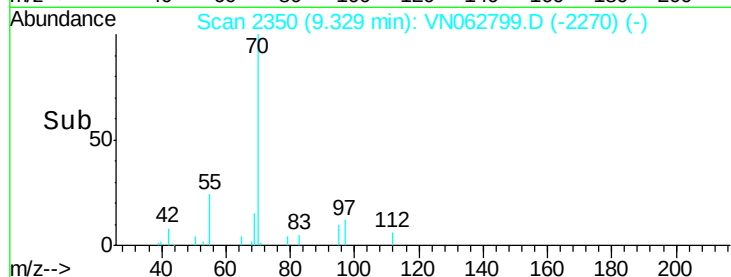
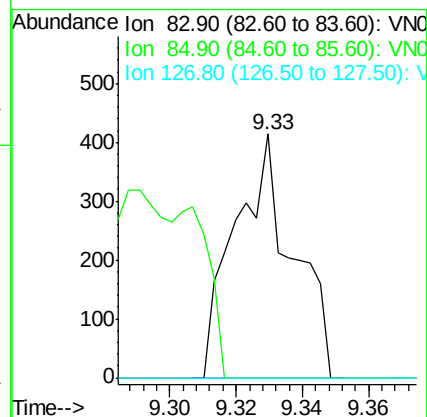
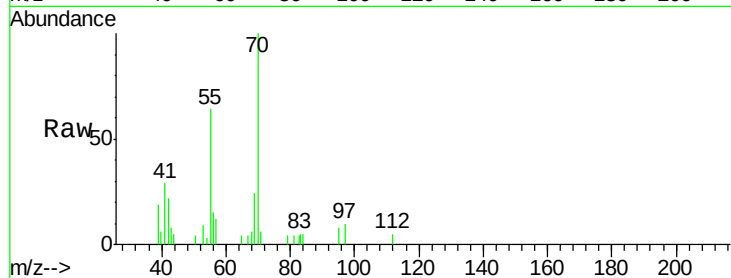
Tgt Ion: 83 Resp: 501

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 1.654 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

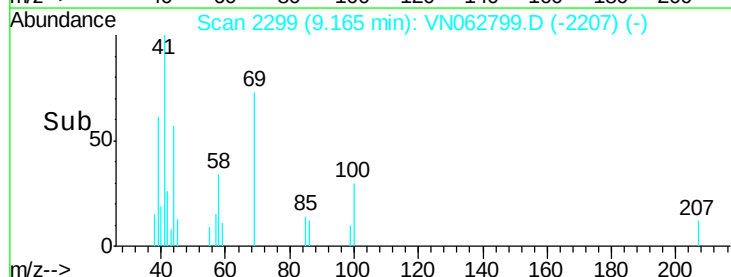
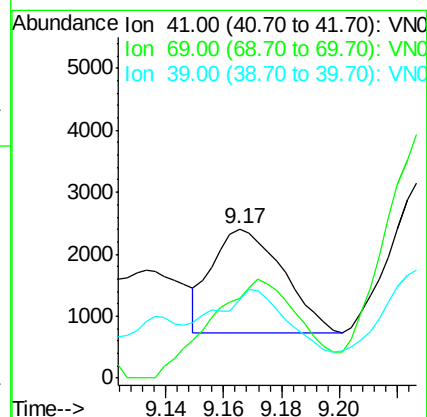
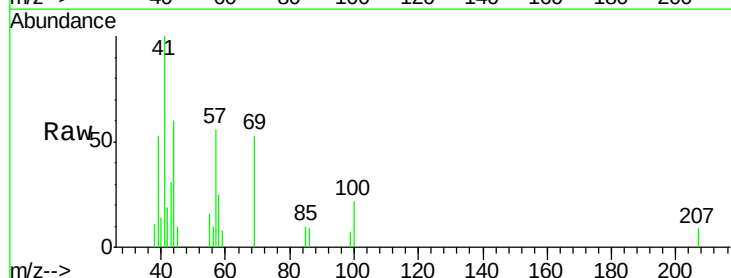
Tgt Ion: 41 Resp: 2850

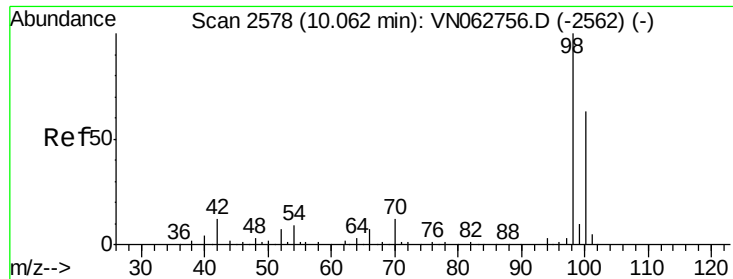
Ion Ratio Lower Upper

41 100

69 120.1 67.4 101.2#

39 86.8 47.6 71.4#

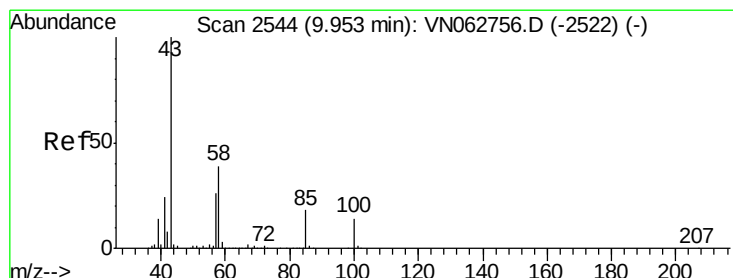
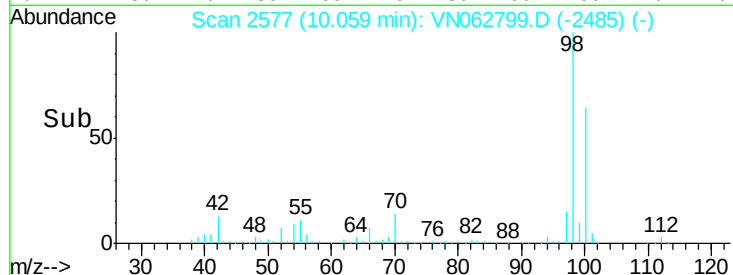
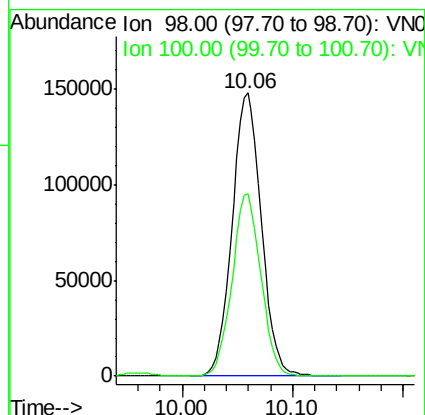
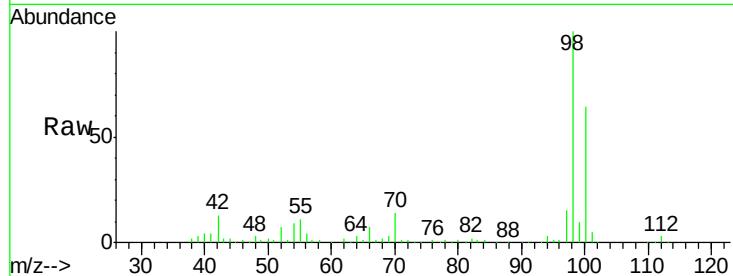




#50
Toluene-d8
Concen: 49.253 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

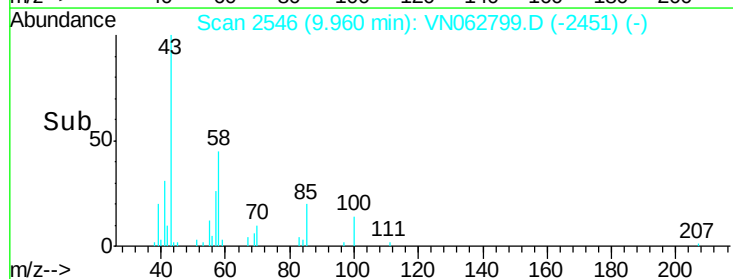
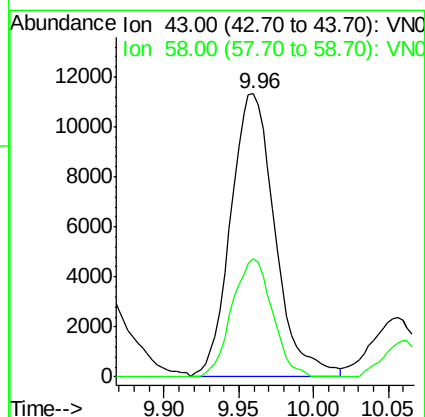
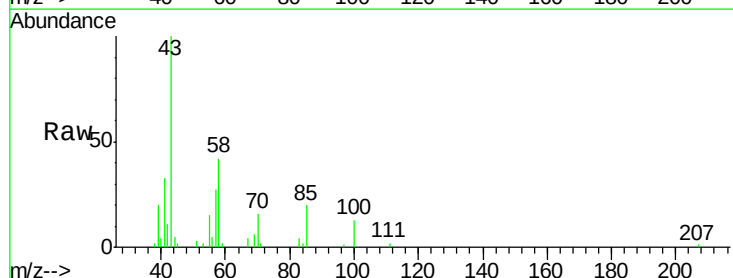
Instrument :
MSVOA_N
ClientSampled :
NB-30860ME

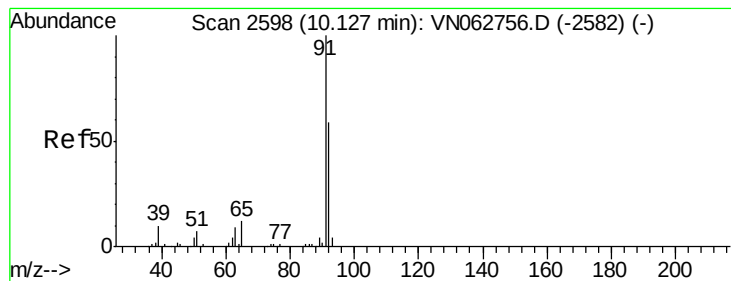
Tgt Ion: 98 Resp: 271637
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#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

Tgt Ion: 43 Resp: 23400
Ion Ratio Lower Upper
43 100
58 37.8 31.1 46.7





#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

Instrument :

MSVOA_N

ClientSampleId :

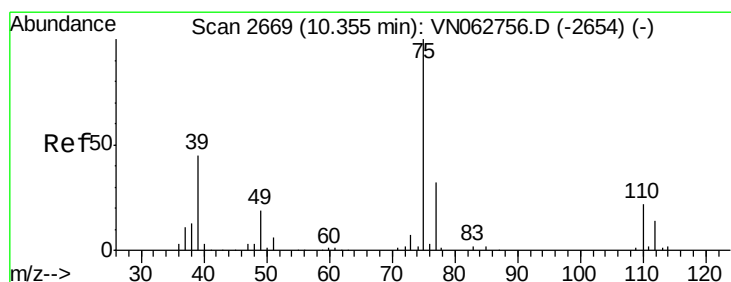
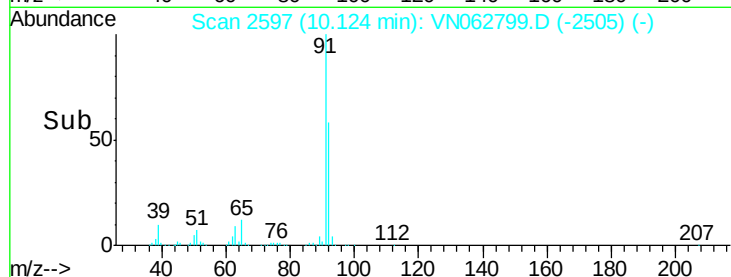
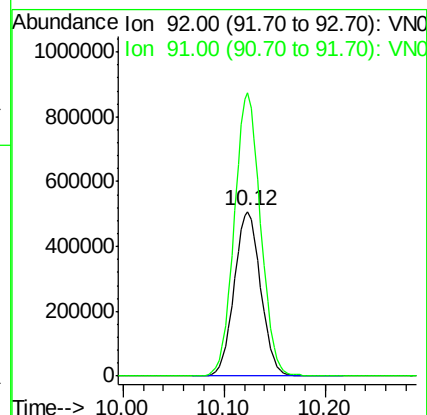
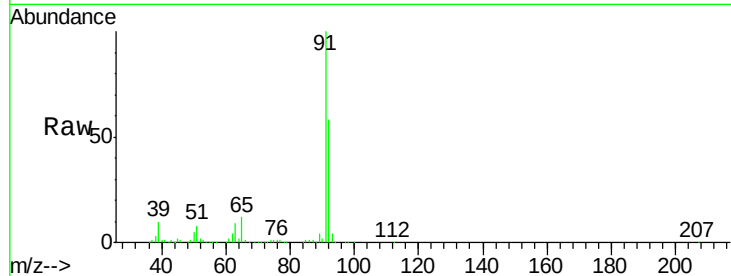
NB-30860ME

Tgt Ion: 92 Resp: 927835

Ion Ratio Lower Upper

92 100

91 171.2 138.9 208.3



#53

t-1,3-Dichloropropene

Concen: 0.867 ug/l

RT: 10.21 min Scan# 2625

Delta R.T. -0.14 min

Lab File: VN062799.D

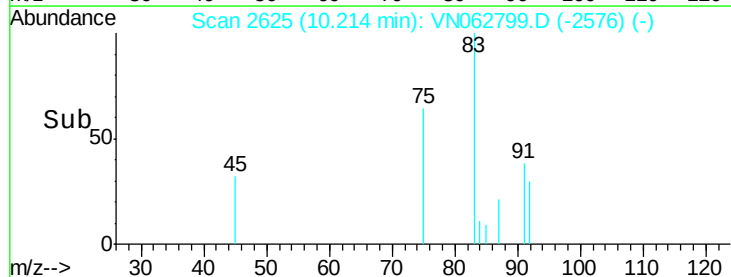
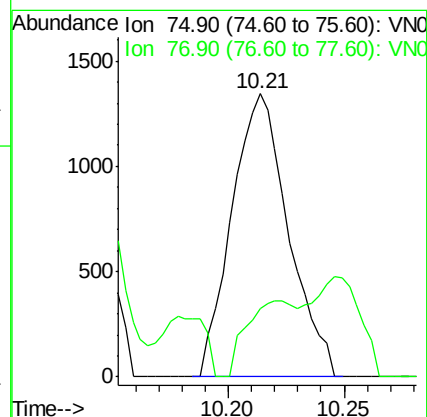
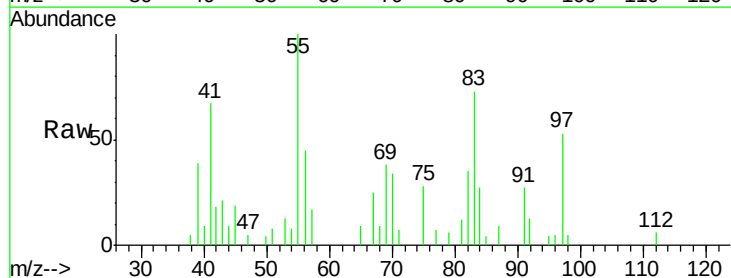
Acq: 10 Aug 2020 10:58

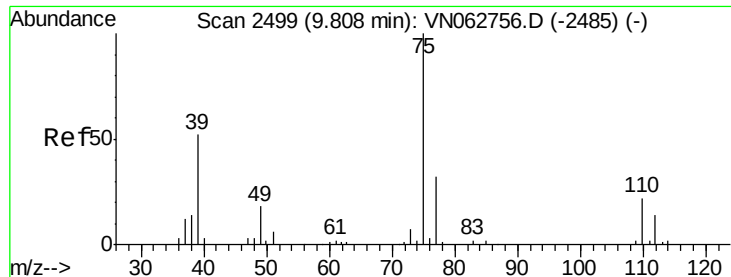
Tgt Ion: 75 Resp: 2280

Ion Ratio Lower Upper

75 100

77 3.4 25.4 38.2#

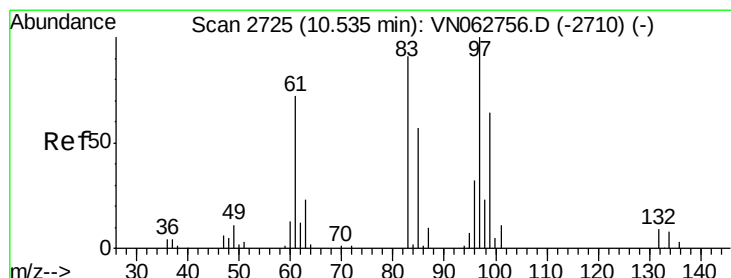
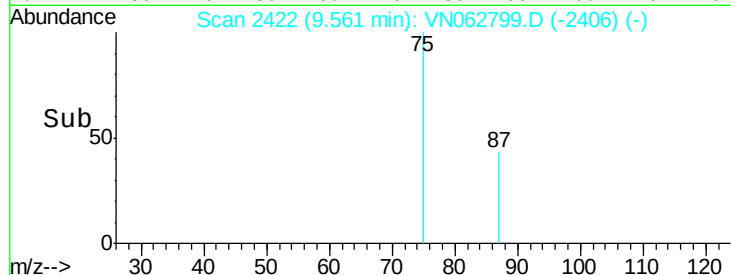
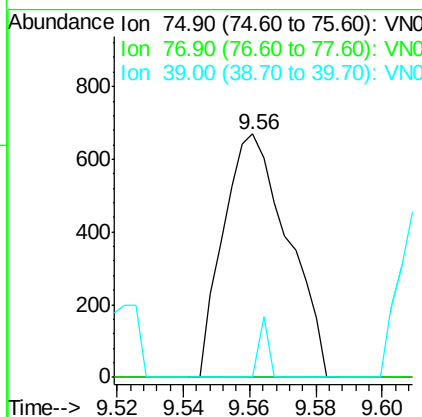
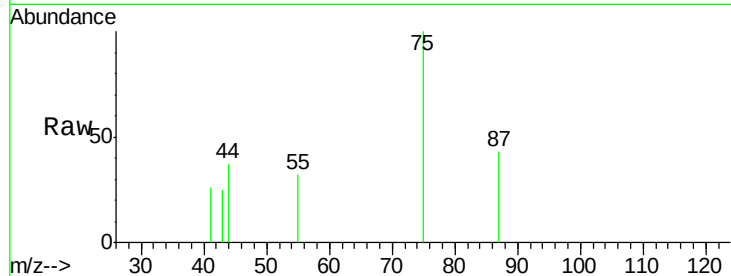




#54
 cis-1,3-Dichloropropene
 Concen: 0.343 ug/l
 RT: 9.56 min Scan# 2422
 Delta R.T. -0.25 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

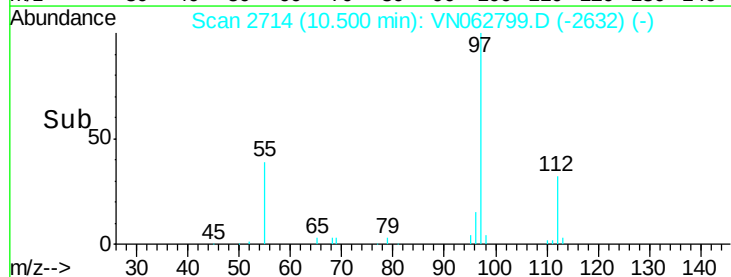
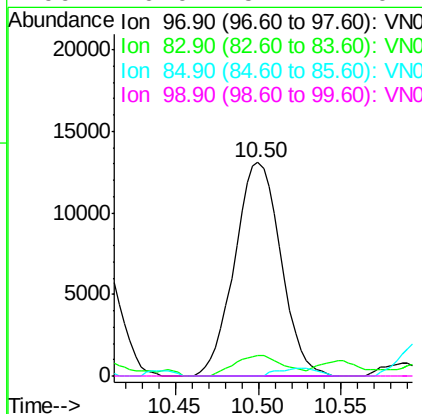
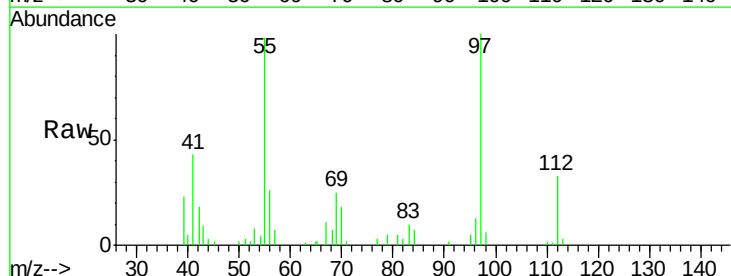
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

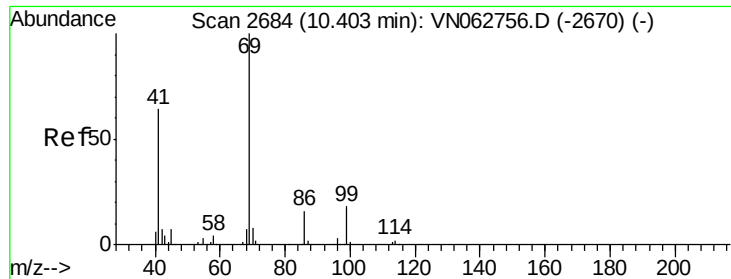
Tgt Ion: 75 Resp: 904
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 41.9 62.9#



#55
 1,1,2-Trichloroethane
 Concen: 16.022 ug/l
 RT: 10.50 min Scan# 2714
 Delta R.T. -0.04 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion: 97 Resp: 25352
 Ion Ratio Lower Upper
 97 100
 83 9.9 72.6 108.8#
 85 0.0 46.0 69.0#
 99 0.0 51.1 76.7#

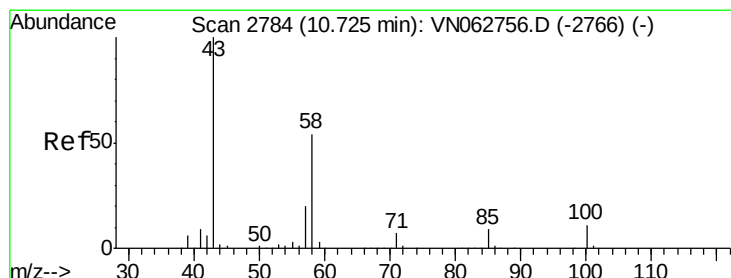
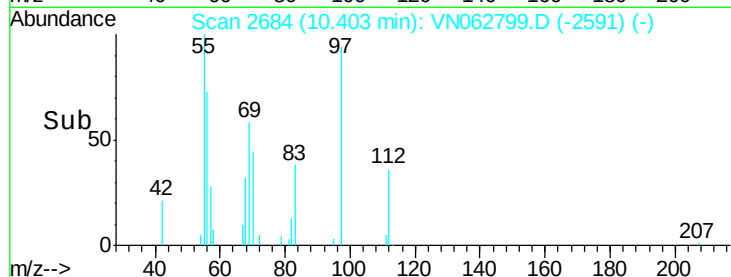
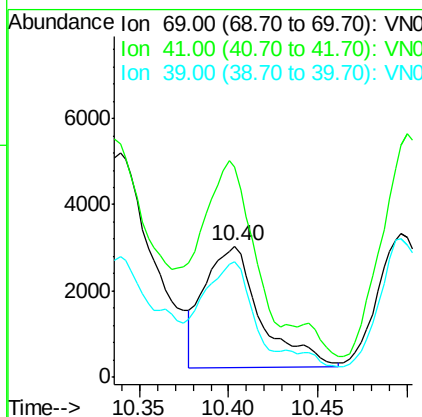
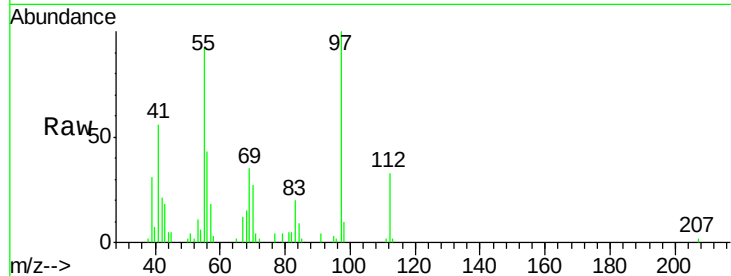




#56
Ethyl methacrylate
Concen: 2.581 ug/l
RT: 10.40 min Scan# 2684
Delta R.T. 0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

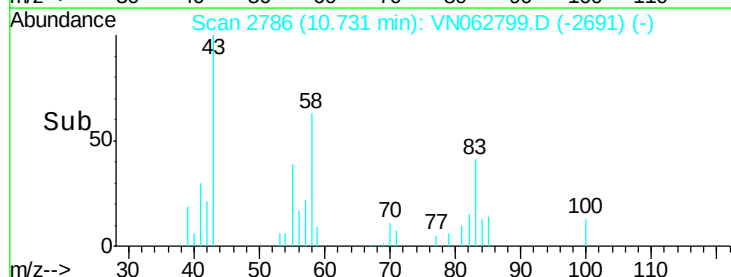
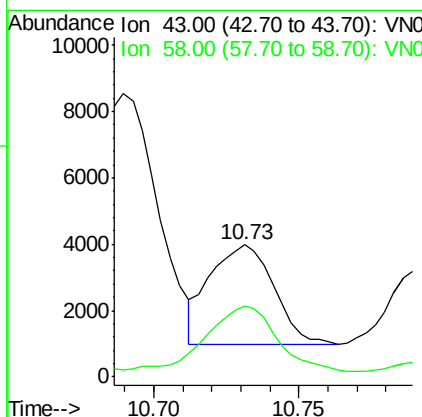
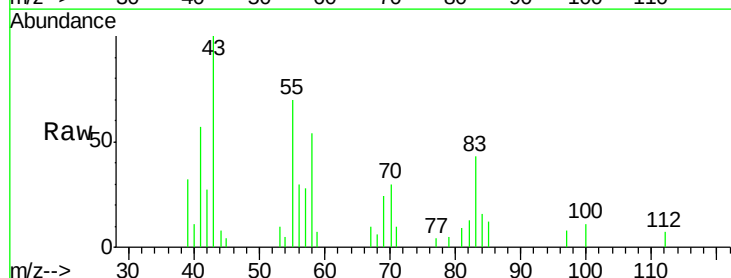
Instrument :
MSVOA_N
ClientSampled :
NB-30860ME

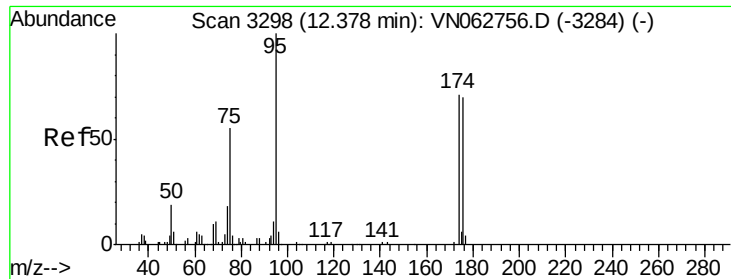
Tgt Ion: 69 Resp: 6148
Ion Ratio Lower Upper
69 100
41 108.7 52.2 78.2#
39 0.0 30.9 46.3#



#59
2-Hexanone
Concen: 2.695 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
58 80.1 26.7 80.1#

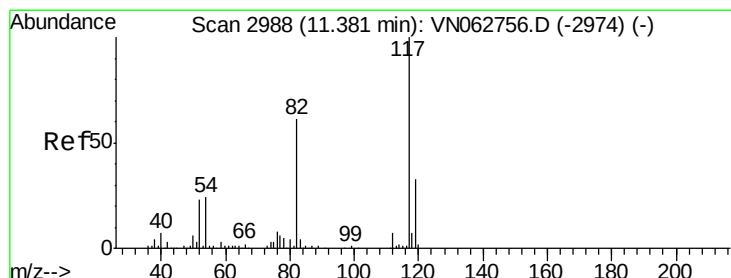
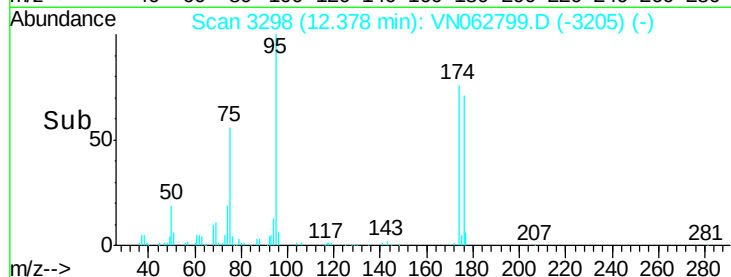
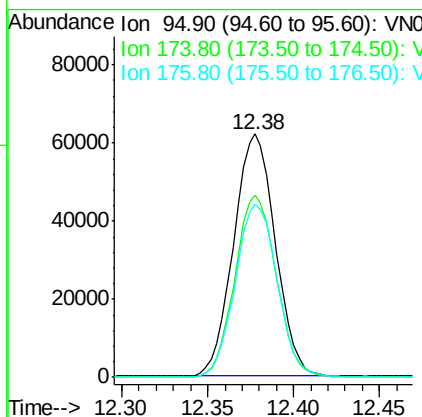
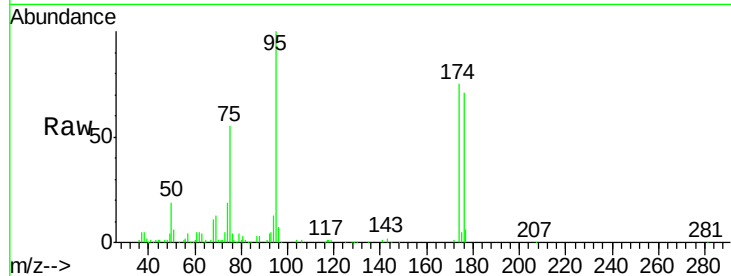




#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

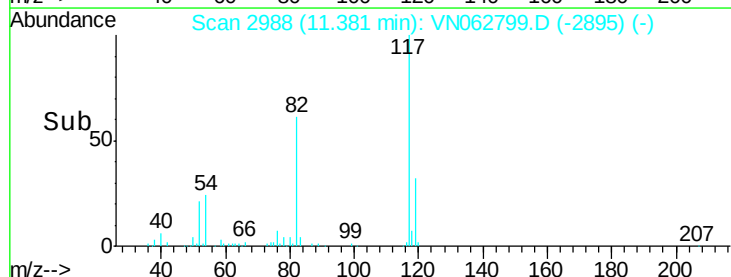
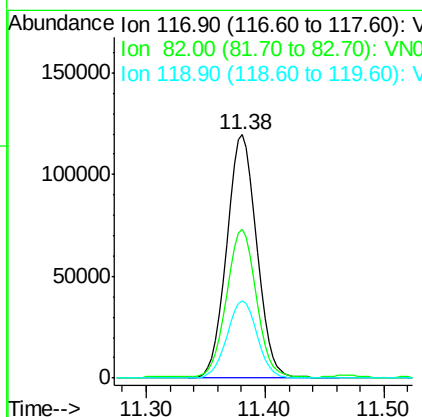
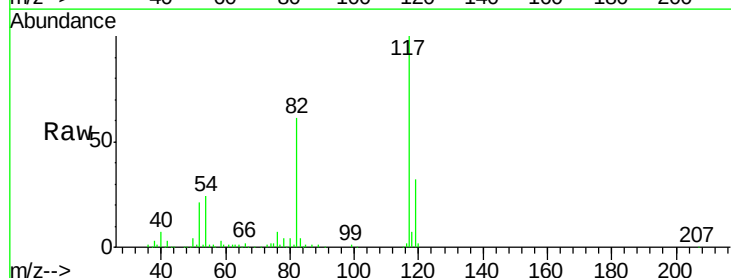
Instrument :
MSVOA_N
ClientSampleId :
NB-30860ME

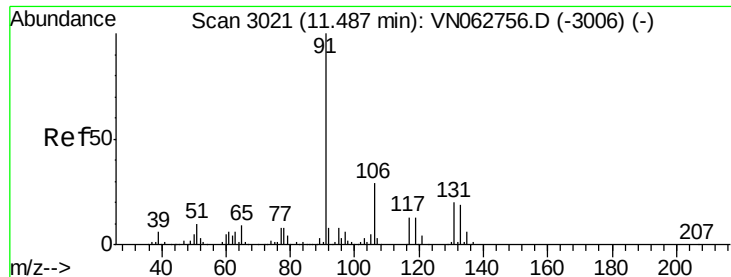
Tgt Ion: 95 Resp: 104205
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.8
176 72.2 0.0 142.2



#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





#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 :

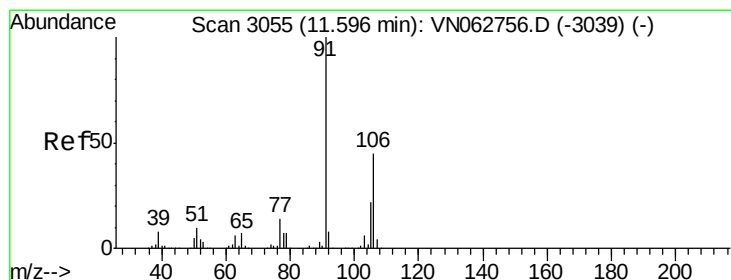
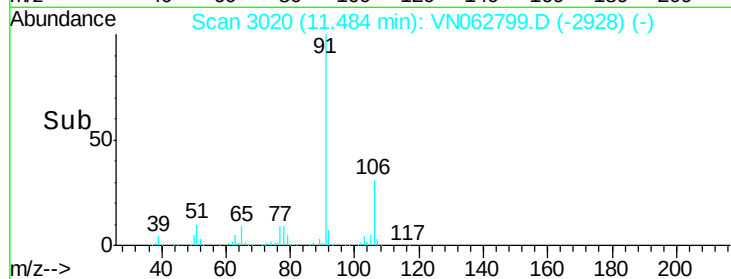
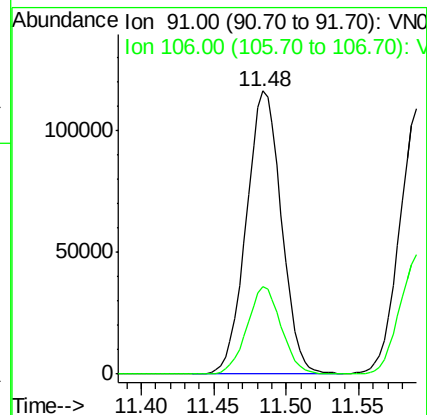
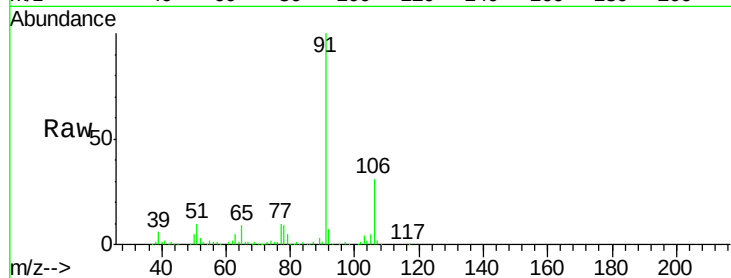
NB-30860ME

Tgt 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

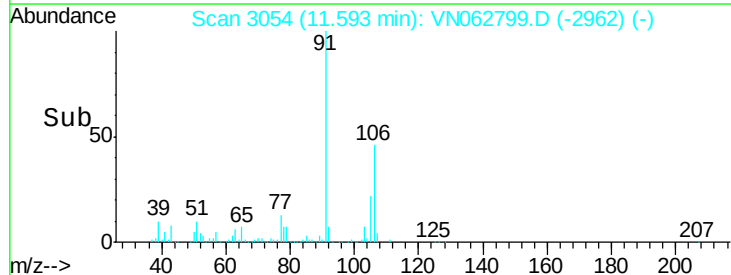
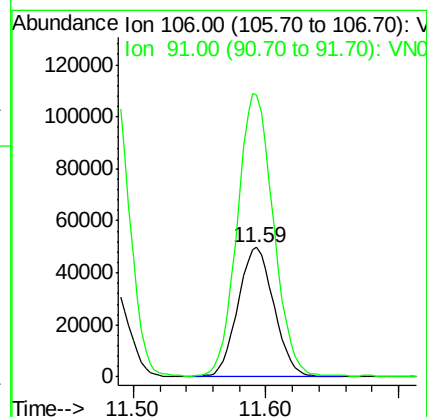
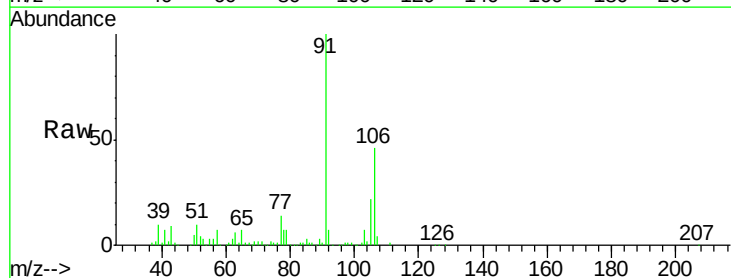
Acq: 10 Aug 2020 10:58

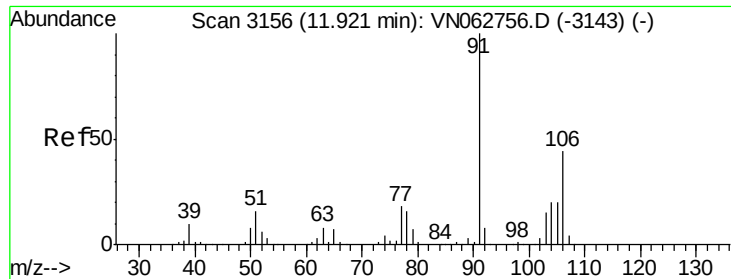
Tgt Ion: 106 Resp: 94127

Ion Ratio Lower Upper

106 100

91 217.3 175.9 263.9

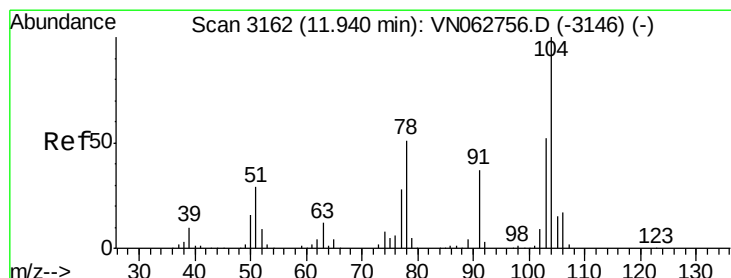
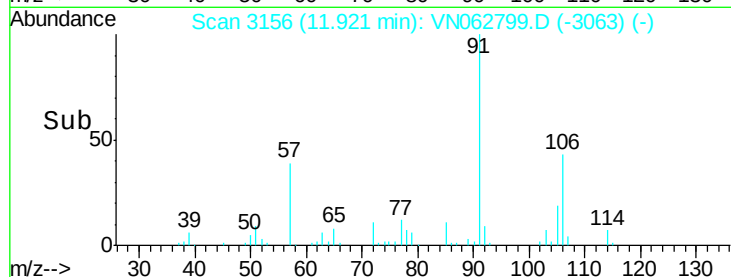
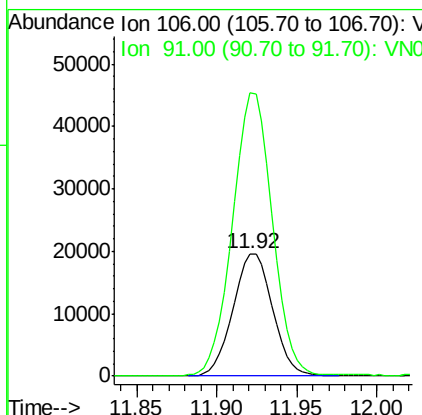
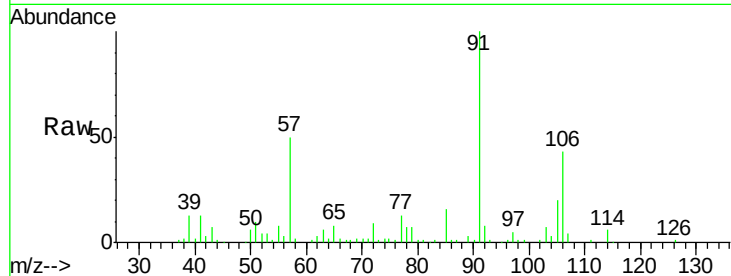




#69
o-Xylene
Concen: 12.408 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

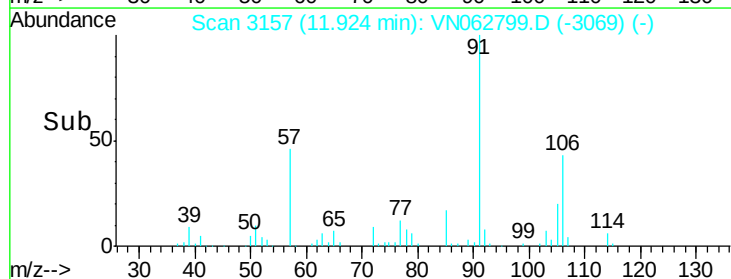
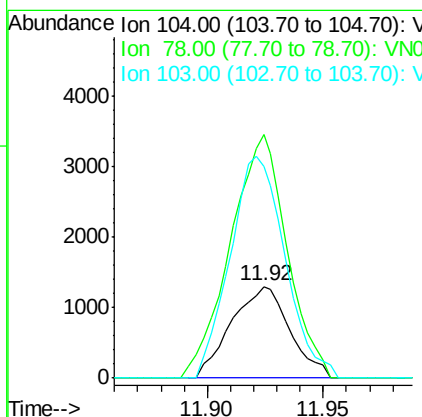
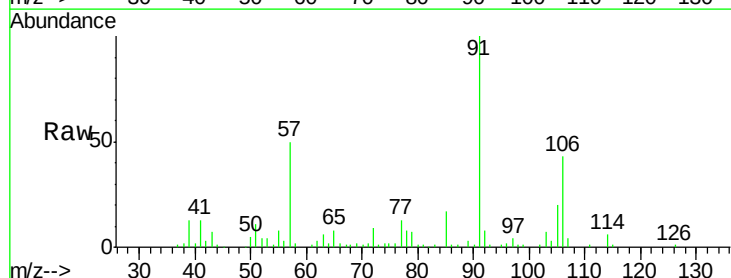
Instrument :
MSVOA_N
ClientSampled :
NB-30860ME

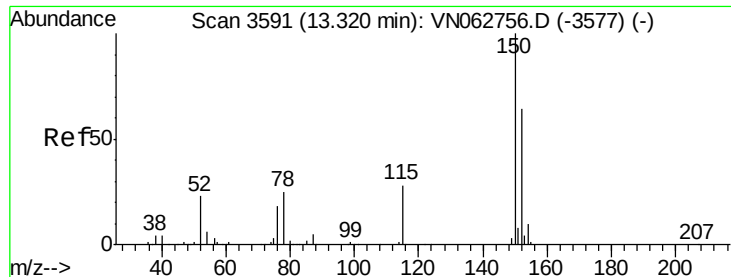
Tgt Ion:106 Resp: 33069
Ion Ratio Lower Upper
106 100
91 232.8 115.8 347.4



#70
Styrene
Concen: 0.486 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.02 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion:104 Resp: 2278
Ion Ratio Lower Upper
104 100
78 257.5 45.9 68.9#
103 227.4 45.1 67.7#

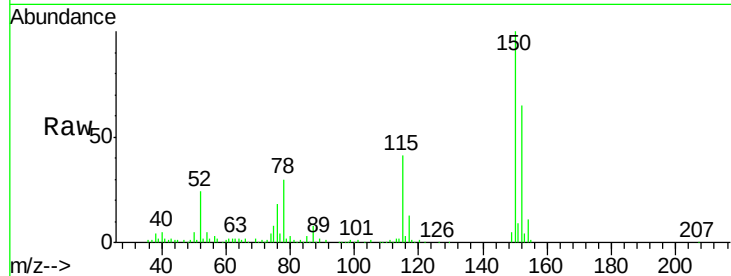




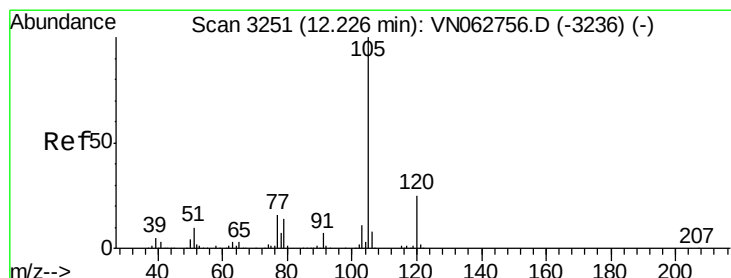
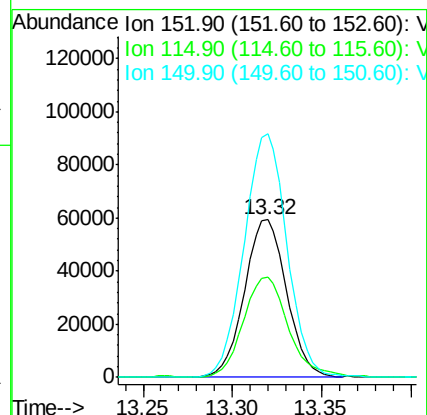
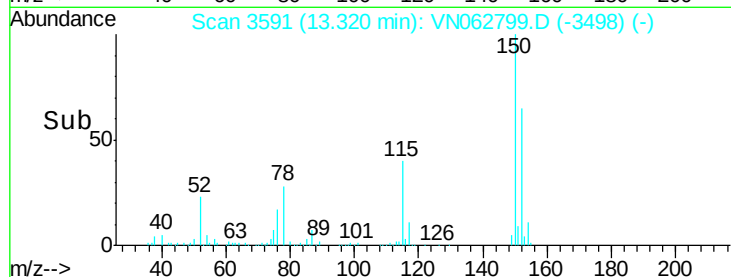
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Instrument :
 MSVOA_N
 ClientSampled :
 NB-30860ME

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

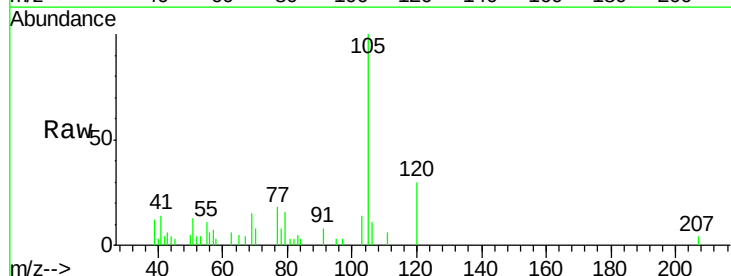


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

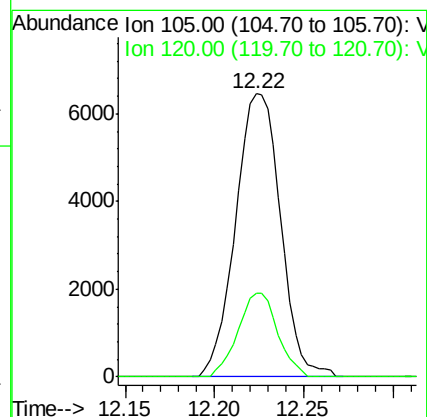
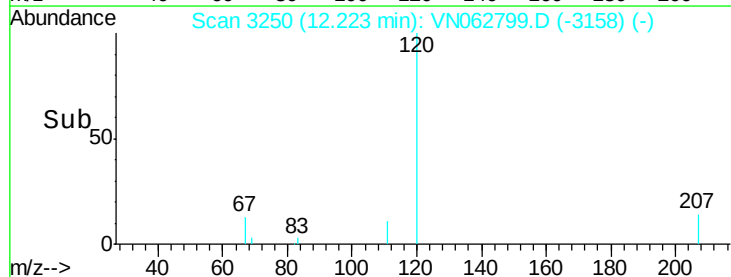


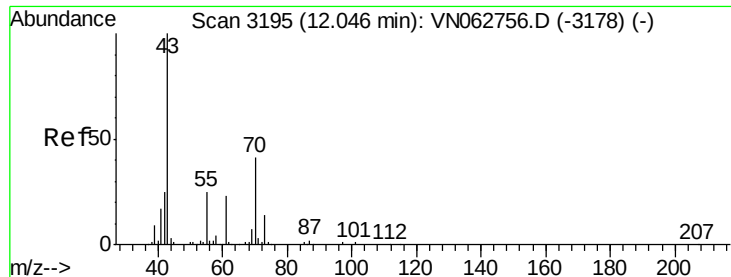
#73
 Isopropylbenzene
 Concen: 1.544 ug/l
 RT: 12.22 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Tgt Ion:105 Resp: 11369
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 5.612 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.04 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampled :

NB-30860ME

Tgt Ion: 43 Resp: 16744

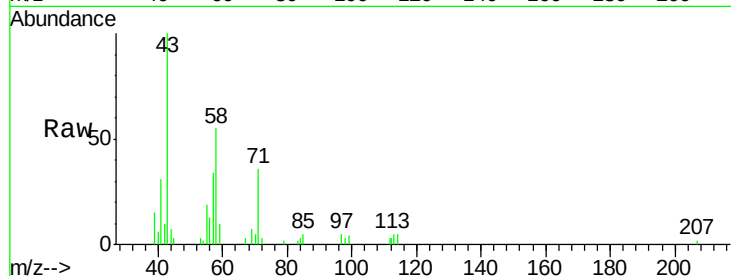
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 3.7 20.2 30.2#

61 0.0 18.2 27.4#

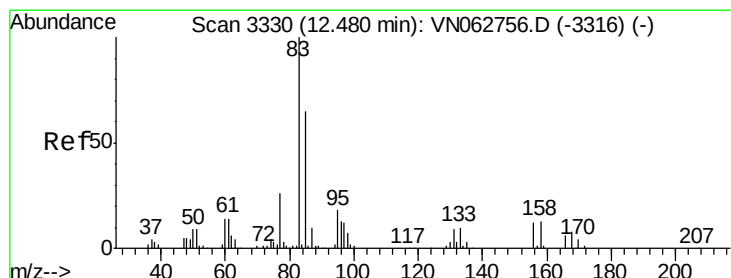
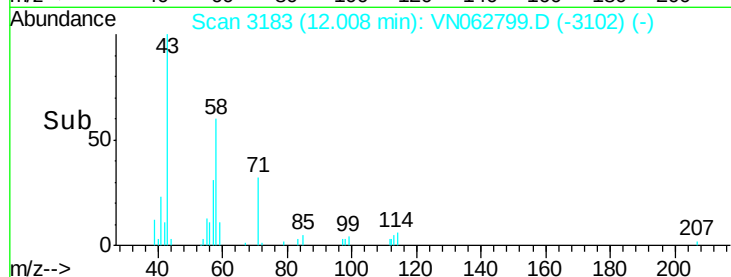
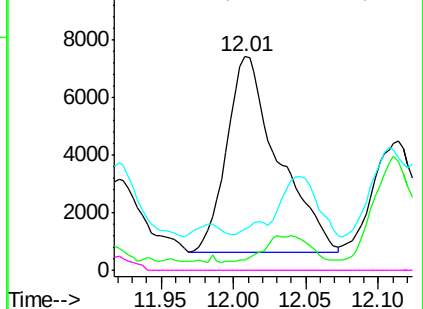


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.774 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.02 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

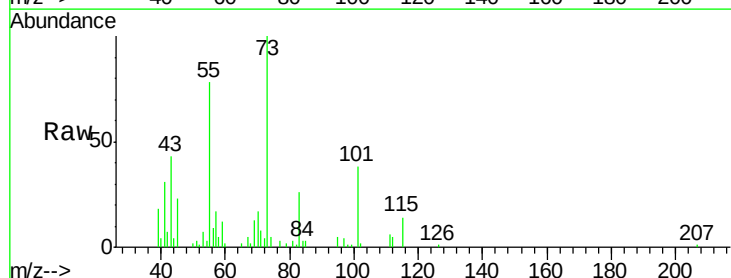
Tgt Ion: 83 Resp: 7190

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

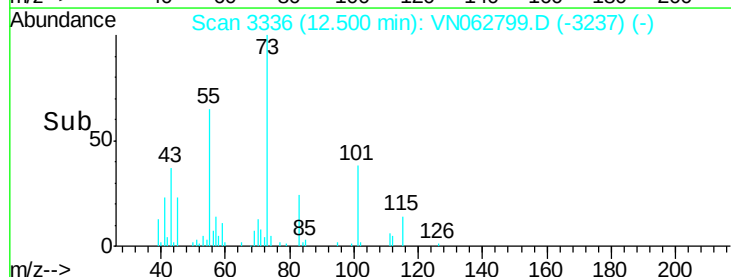
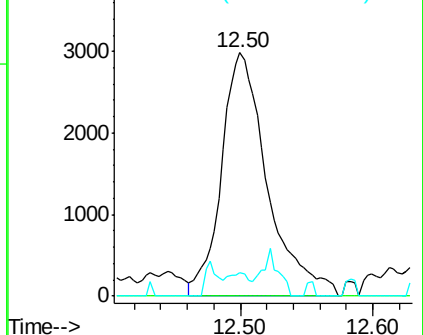
85 3.9 31.9 95.9#

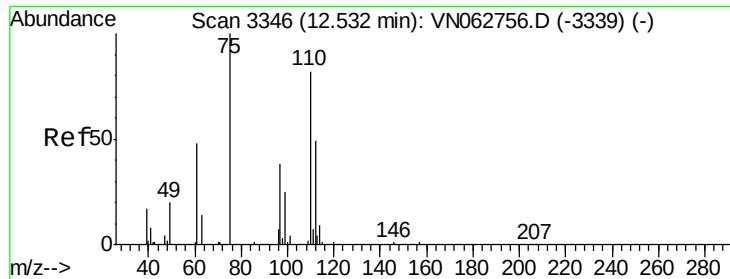


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 21.859 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

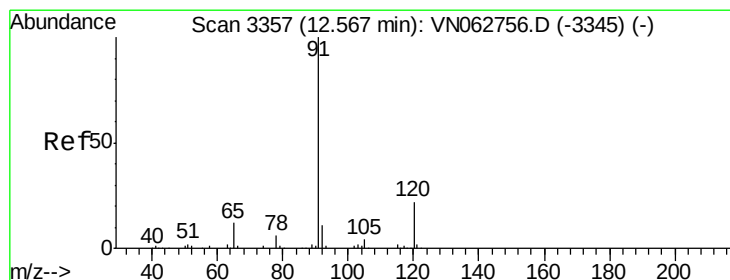
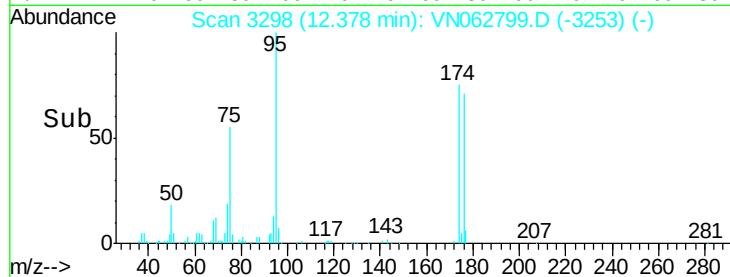
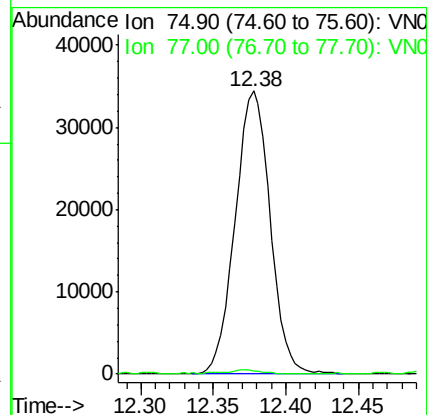
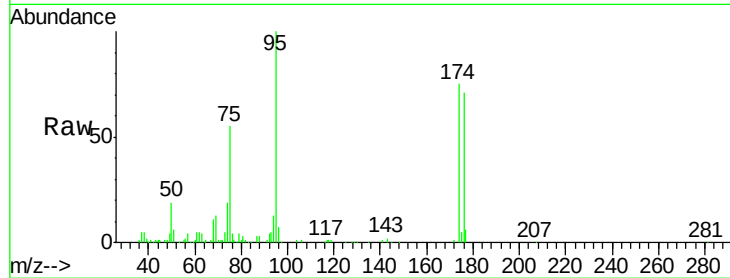
NB-30860ME

Tgt Ion: 75 Resp: 57636

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#78

n-propylbenzene

Concen: 2.754 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062799.D

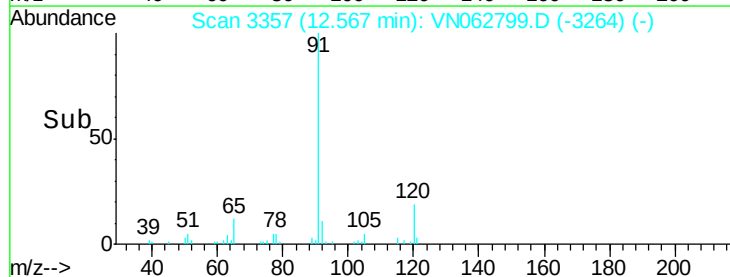
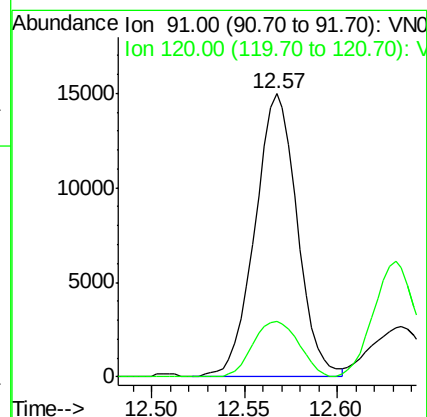
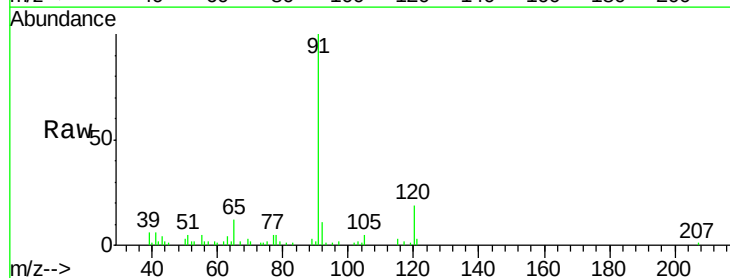
Acq: 10 Aug 2020 10:58

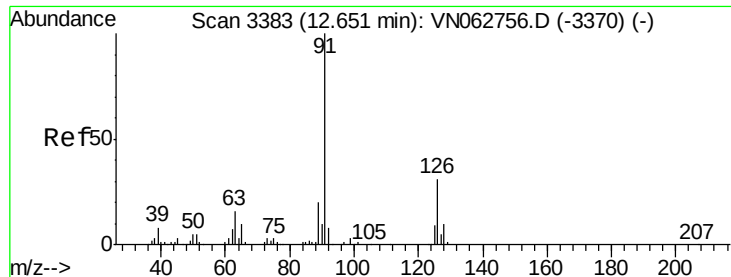
Tgt Ion: 91 Resp: 23798

Ion Ratio Lower Upper

91 100

120 21.2 10.9 32.9

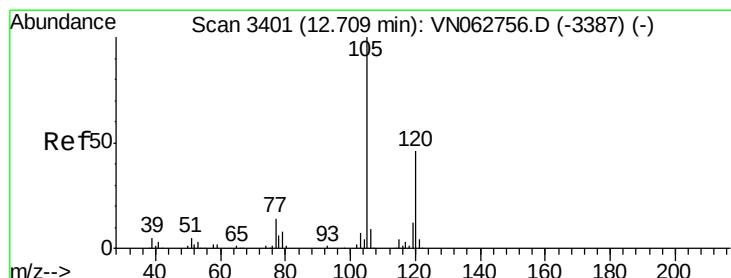
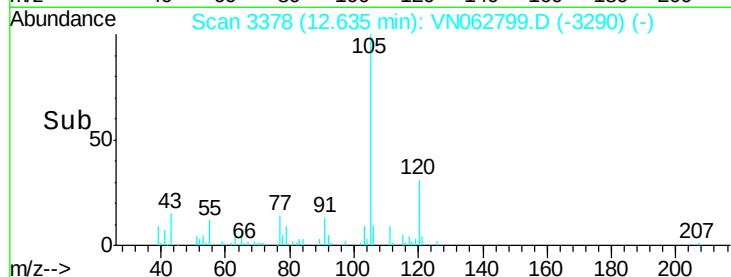
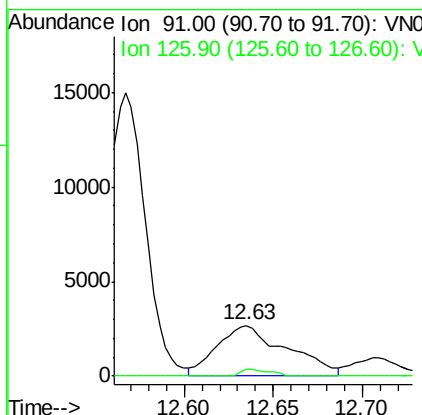
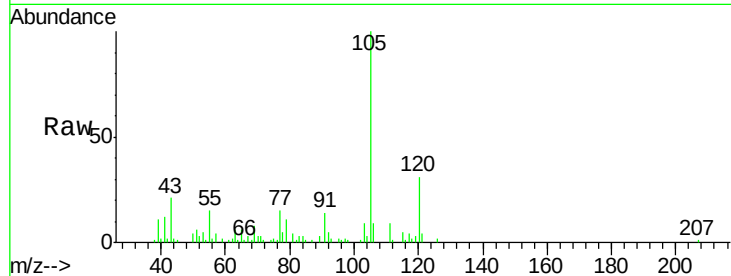




#79
 2-Chlorotoluene
 Concen: 1.350 ug/l
 RT: 12.63 min Scan# 3378
 Delta R.T. -0.02 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

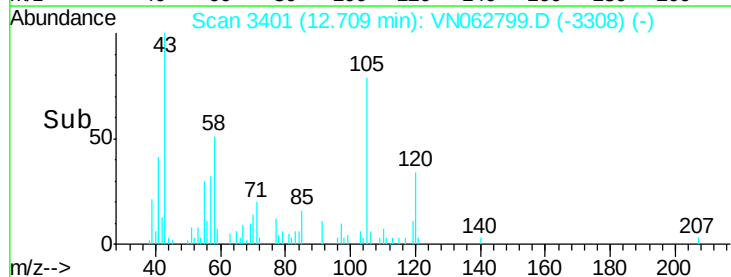
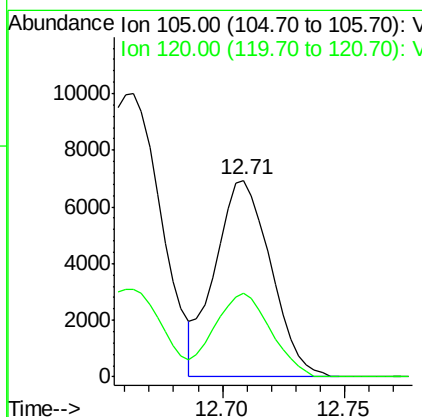
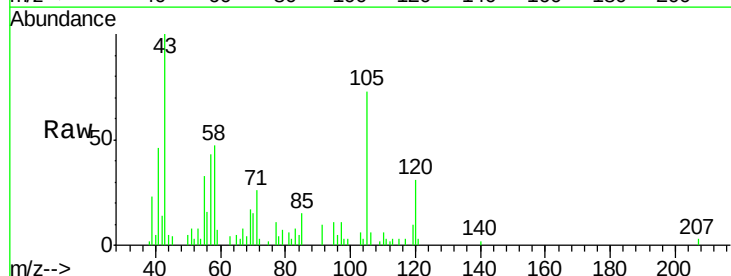
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

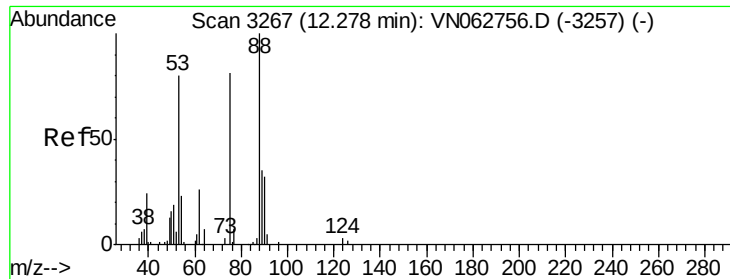
Tgt Ion: 91 Resp: 7318
 Ion Ratio Lower Upper
 91 100
 126 5.8 15.6 46.7#



#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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 66.729 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

NB-30860ME

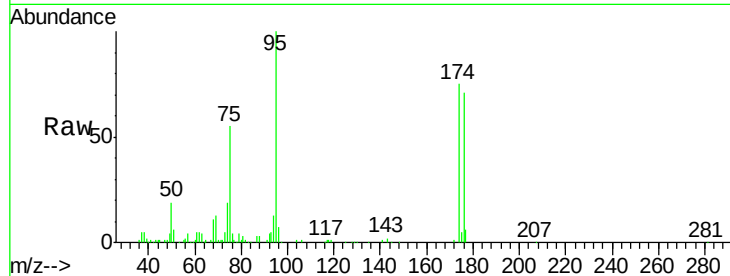
Tgt Ion: 75 Resp: 57636

Ion Ratio Lower Upper

75 100

53 0.1 79.1 118.7#

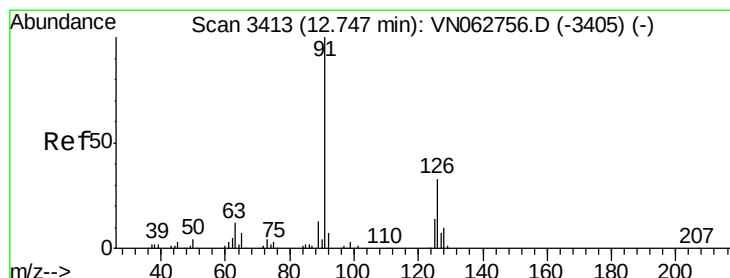
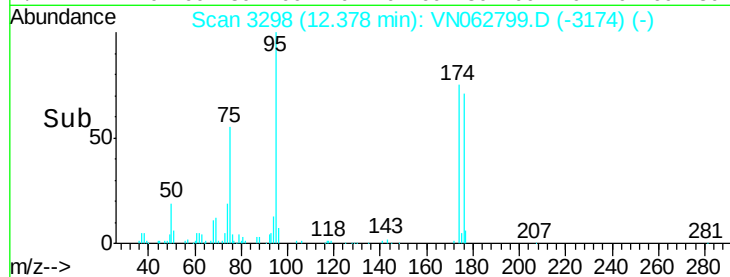
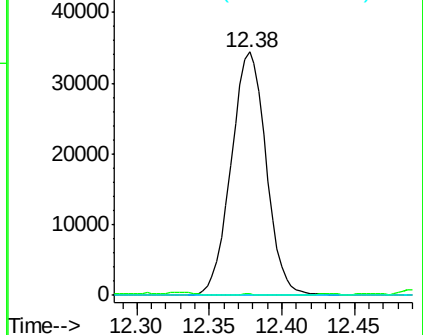
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.312 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062799.D

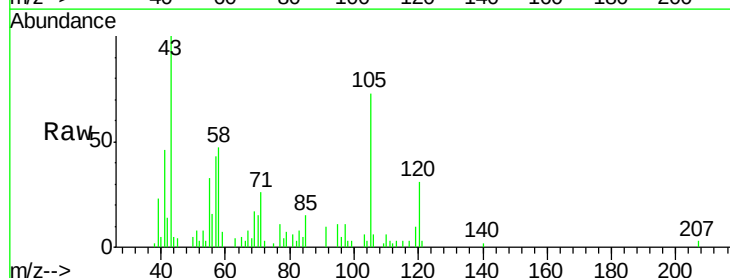
Acq: 10 Aug 2020 10:58

Tgt Ion: 91 Resp: 1740

Ion Ratio Lower Upper

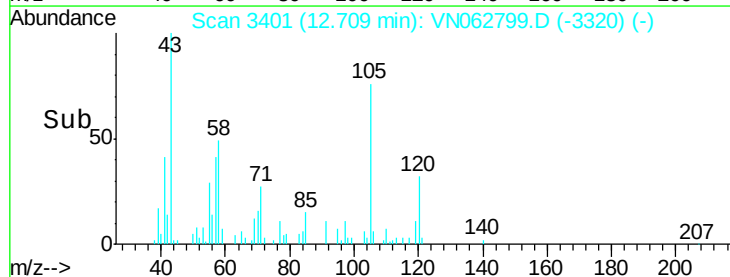
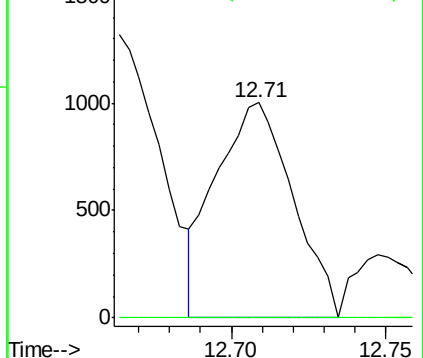
91 100

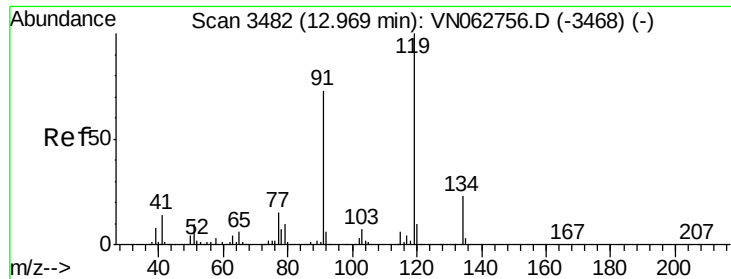
126 0.0 15.3 45.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

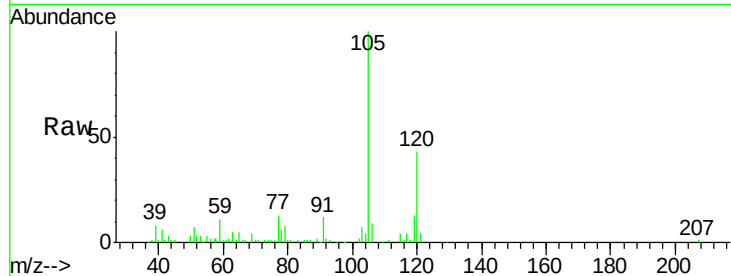




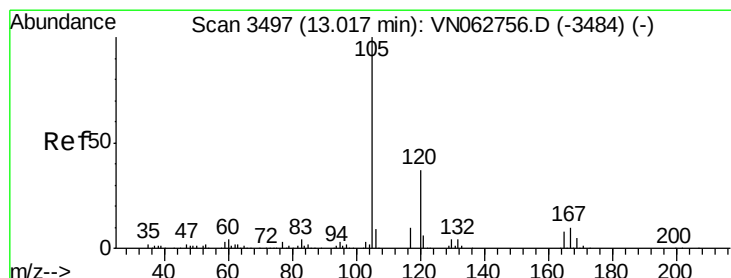
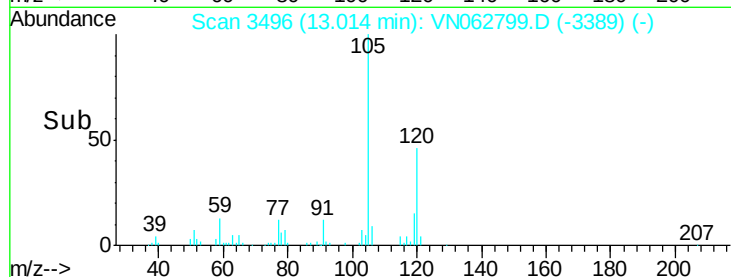
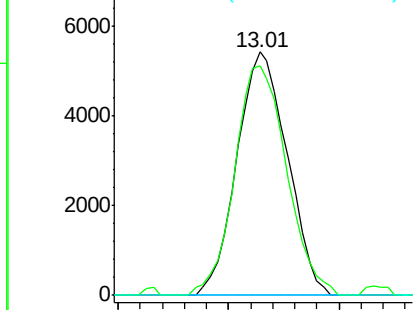
#83
 tert-Butylbenzene
 Concen: 1.593 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.05 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30860ME

Tgt Ion:119 Resp: 8611
 Ion Ratio Lower Upper
 119 100
 91 97.2 36.5 109.5
 134 0.0 11.3 33.8#

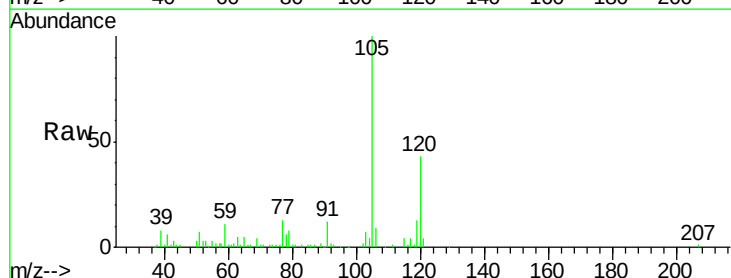


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

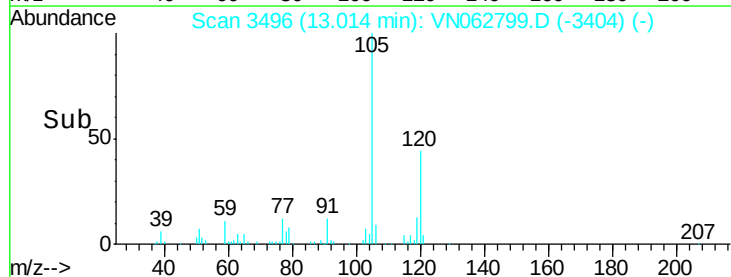
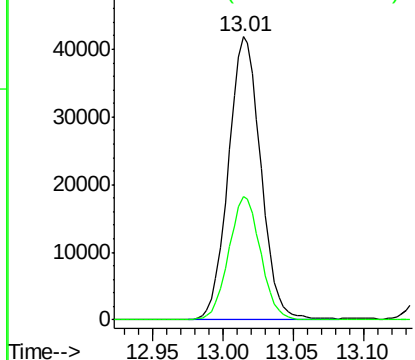


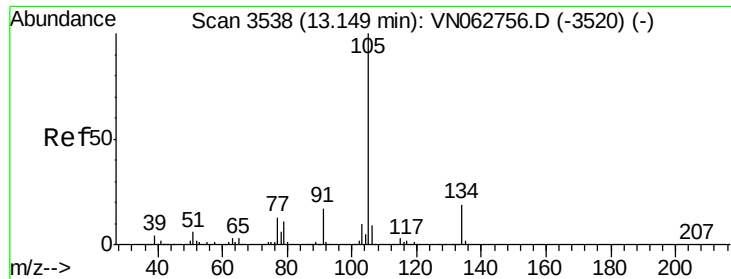
#84
 1,2,4-Trimethylbenzene
 Concen: 11.032 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062799.D
 Acq: 10 Aug 2020 10:58

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



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#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 :

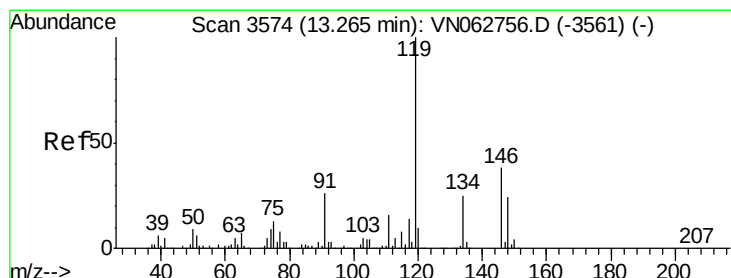
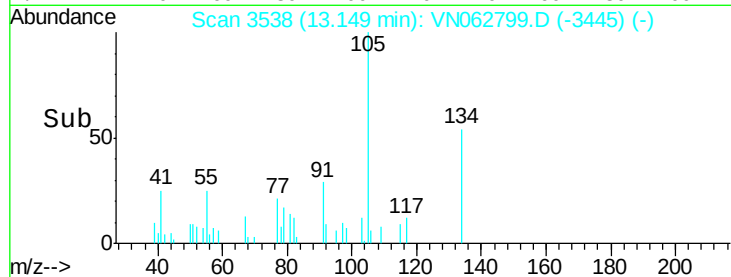
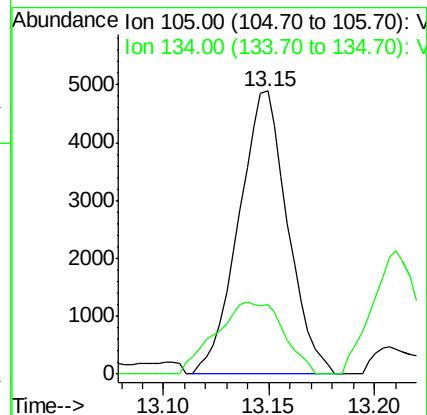
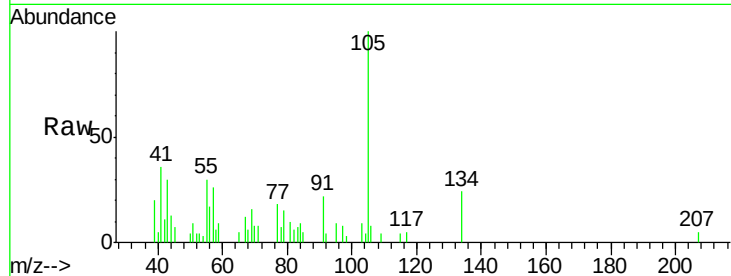
NB-30860ME

Tgt Ion:105 Resp: 7889

Ion Ratio Lower Upper

105 100

134 35.1 9.6 28.6#



#86

p-Isopropyltoluene

Concen: 1.778 ug/l

RT: 13.21 min Scan# 3556

Delta R.T. -0.06 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

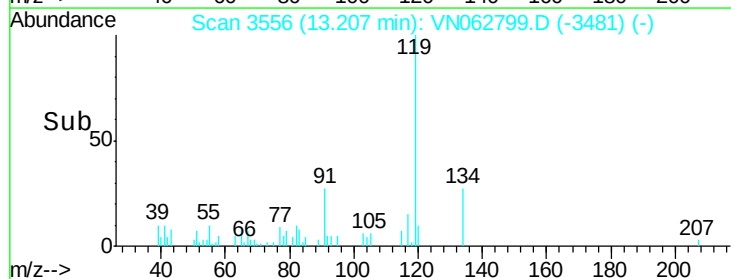
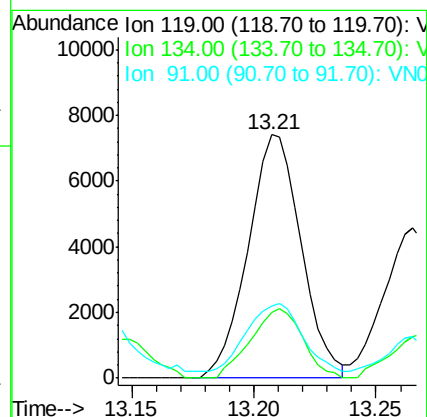
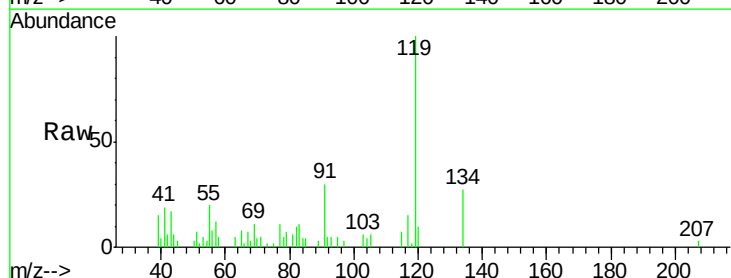
Tgt Ion:119 Resp: 11202

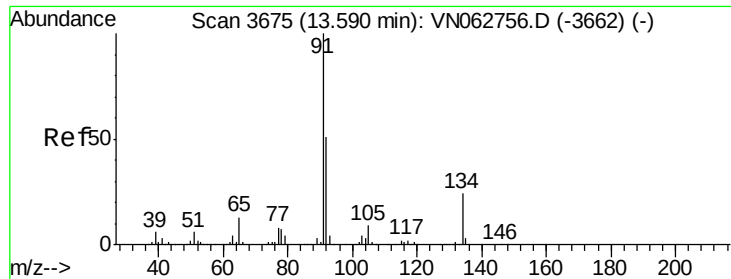
Ion Ratio Lower Upper

119 100

134 27.9 12.6 37.8

91 28.6 13.4 40.2





#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

Instrument :

MSVOA_N

ClientSampleId :

NB-30860ME

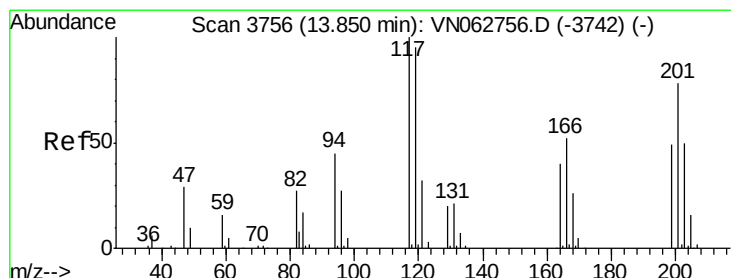
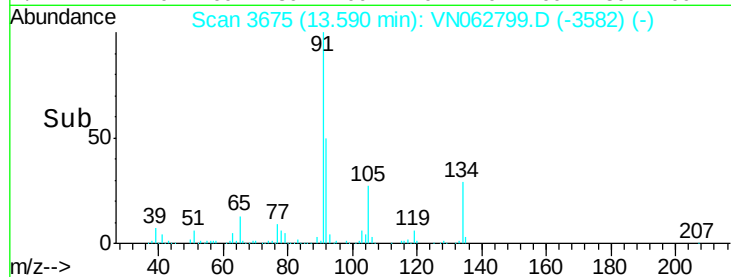
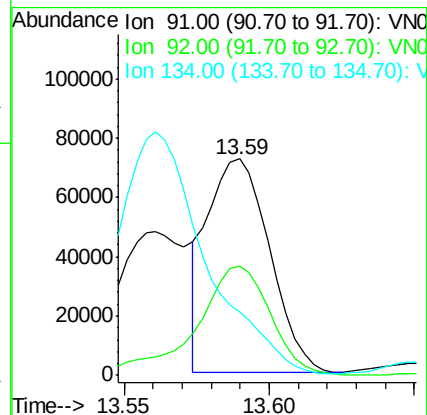
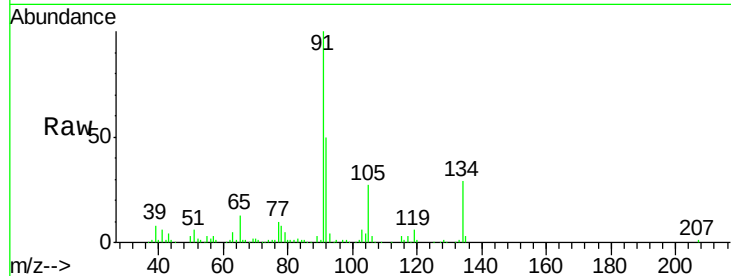
Tgt Ion: 91 Resp: 106856

Ion Ratio Lower Upper

91 100

92 60.9 25.7 77.0

134 0.0 12.2 36.6#



#90

Hexachloroethane

Concen: 94.476 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062799.D

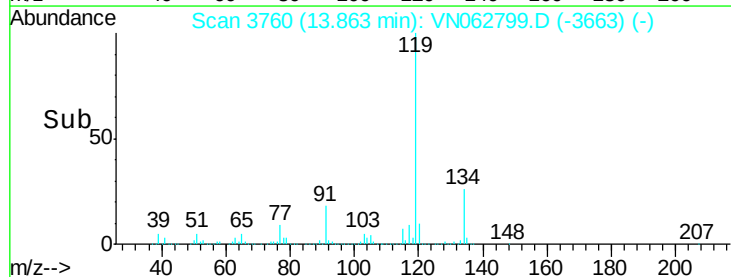
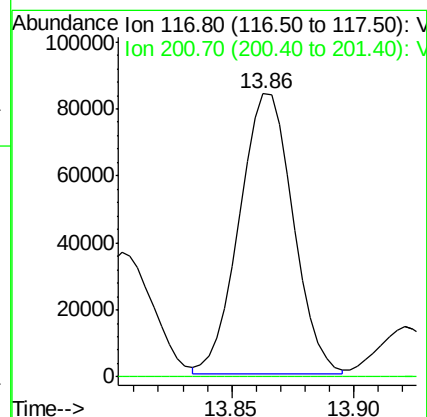
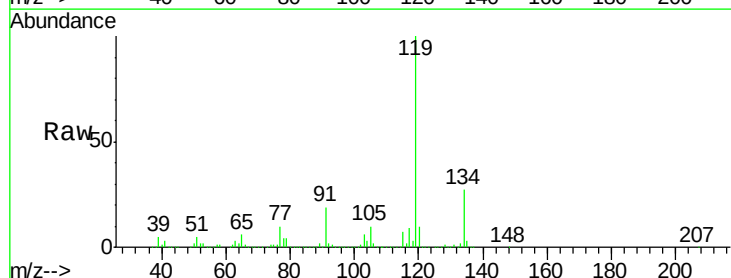
Acq: 10 Aug 2020 10:58

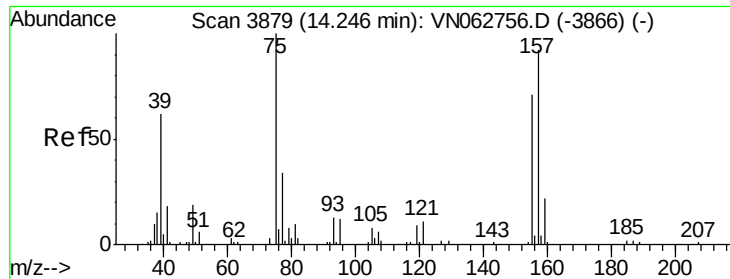
Tgt Ion: 117 Resp: 128288

Ion Ratio Lower Upper

117 100

201 0.0 39.2 117.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 39.867 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

NB-30860ME

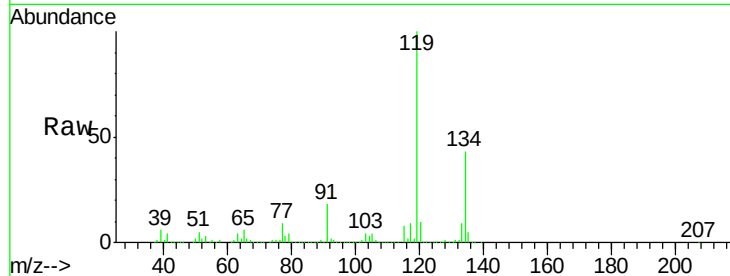
Tgt Ion: 75 Resp: 22181

Ion Ratio Lower Upper

75 100

155 0.0 35.0 105.1#

157 0.0 43.2 129.6#

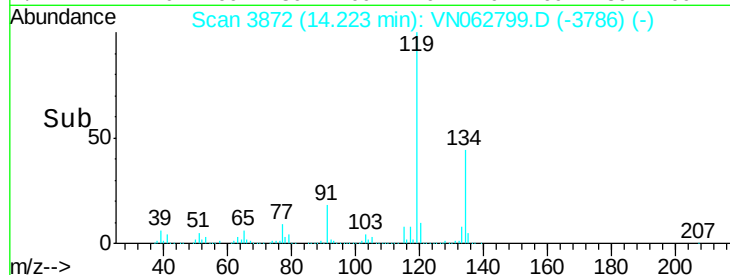


Abundance Ion 74.90 (74.60 to 75.60): VN062799.D (-3786) (-)

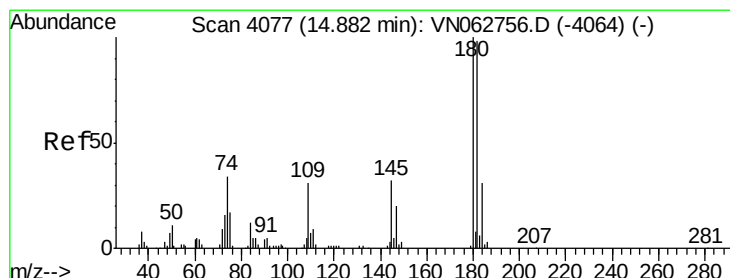
Ion 154.80 (154.50 to 155.50): VN062799.D (-3786) (-)

Ion 156.80 (156.50 to 157.50): VN062799.D (-3786) (-)

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.634 ug/l

RT: 14.88 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VN062799.D

Acq: 10 Aug 2020 10:58

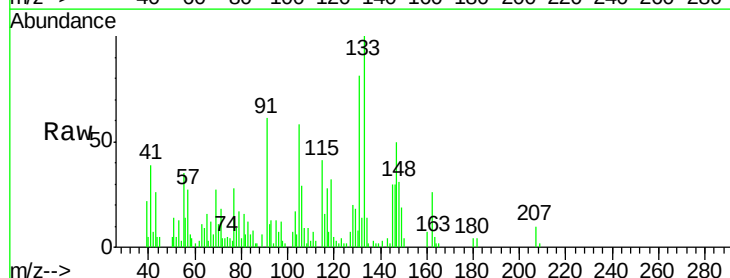
Tgt Ion: 180 Resp: 550

Ion Ratio Lower Upper

180 100

182 103.3 49.1 147.4

145 0.0 16.3 48.8#

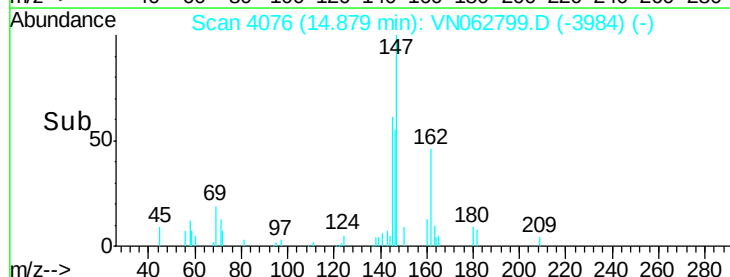


Abundance Ion 179.80 (179.50 to 180.50): VN062799.D (-3984) (-)

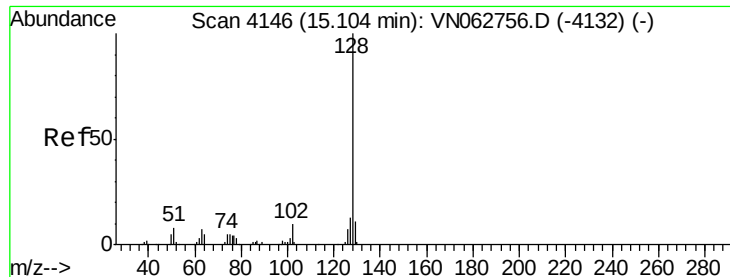
Ion 181.80 (181.50 to 182.50): VN062799.D (-3984) (-)

Ion 144.80 (144.50 to 145.50): VN062799.D (-3984) (-)

Time-->



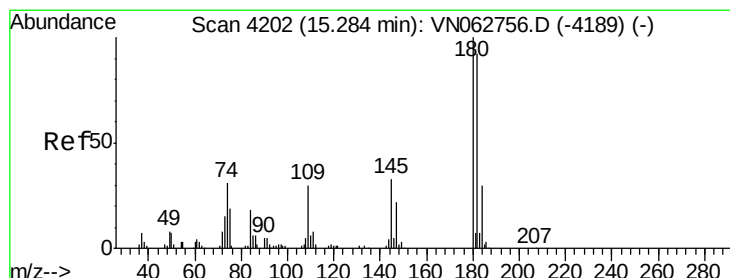
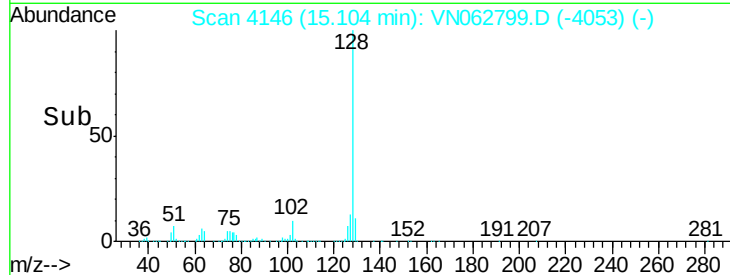
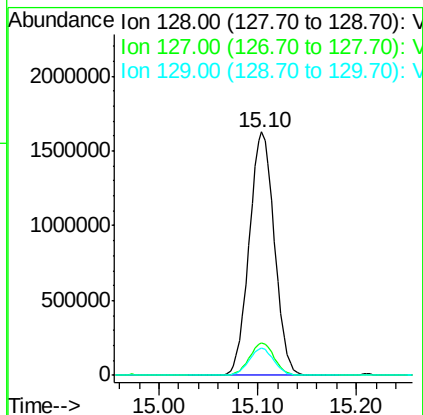
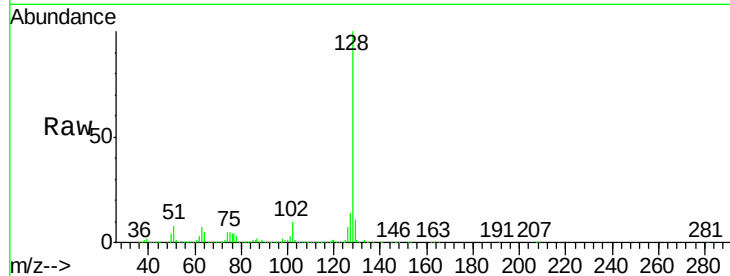
Time-->



#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

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



#96
1,2,3-Trichlorobenzene
Concen: 3.035 ug/l
RT: 15.24 min Scan# 4189
Delta R.T. -0.04 min
Lab File: VN062799.D
Acq: 10 Aug 2020 10:58

Tgt Ion:180 Resp: 505
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 17.3 51.7#

