

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062451.D
 Acq On : 9 Jul 2020 12:40
 Operator : JC/MD
 Sample : L3215-18DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Quant Time: Jul 09 13:04:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	359258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	344211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154065	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.55	113	113274	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.06	98	464365	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.38	95	175737	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

Target Compounds						Qvalue
6) Chloroethane	2.73	64	723	0.469	ug/l #	44
11) Tert butyl alcohol	4.72	59	461	0.915	ug/l #	74
13) Acrolein	3.75	56	333	0.916	ug/l #	37
16) Acetone	3.78	43	3306	2.564	ug/l	94
17) Carbon Disulfide	4.01	76	4234	0.667	ug/l #	75
20) Methylene Chloride	4.51	84	1111	0.403	ug/l #	61
31) Cyclohexane	7.61	56	16154	3.501	ug/l #	76
36) 1,1-Dichloropropene	7.63	75	18205	5.030	ug/l #	51
38) Carbon Tetrachloride	7.63	117	20959	6.441	ug/l #	16
39) Methylcyclohexane	9.05	83	11918	3.084	ug/l	94
40) Benzene	8.00	78	93322	8.748	ug/l	99
41) Methacrylonitrile	7.17	41	412	0.233	ug/l #	29
43) Isopropyl Acetate	8.11	43	6417	0.960	ug/l #	57
44) Trichloroethene	8.80	130	2106	0.890	ug/l	97
47) Bromodichloromethane	9.36	83	1716	0.459	ug/l #	25
48) Methyl methacrylate	9.18	41	1226	0.374	ug/l #	38
51) 4-Methyl-2-Pentanone	10.06	43	4207	1.054	ug/l #	1
52) Toluene	10.12	92	17717	2.875	ug/l	99
55) 1,1,2-Trichloroethane	10.50	97	8423	3.476	ug/l #	18
56) Ethyl methacrylate	10.40	69	998	1.928	ug/l #	61
59) 2-Hexanone	10.74	43	759	0.262	ug/l #	50
67) Ethyl Benzene	11.48	91	832021	66.258	ug/l	99
68) m/p-Xylenes	11.60	106	98446	22.146	ug/l	98
69) o-Xylene	11.92	106	35325	8.162	ug/l	99
70) Styrene	11.92	104	2230	0.312	ug/l #	1
71) Bromoform	12.38	173	572	0.316	ug/l #	1
73) Isopropylbenzene	12.22	105	43613	3.922	ug/l	100
76) 1,2,3-Trichloropropane	12.38	75	93009	26.378	ug/l #	100
77) Bromobenzene	12.44	156	6863	2.715	ug/l #	1
78) n-propylbenzene	12.57	91	112466	8.658	ug/l	98
79) 2-Chlorotoluene	12.66	91	6579	0.835	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.66	105	57924	6.354	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.38	75	93009	70.603	ug/l #	10
82) 4-Chlorotoluene	12.66	91	6579	0.822	ug/l #	44

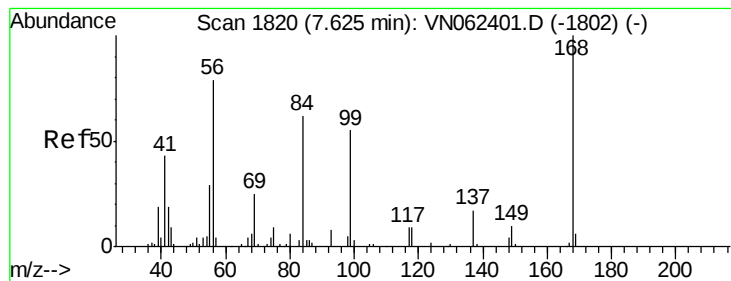
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.01	119	96144	12.428	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.01	105	812507	89.669	ug/l	99
85) sec-Butylbenzene	13.01	105	812507	79.260	ug/l #	58
86) p-Isopropyltoluene	13.26	119	6649	0.751	ug/l #	75
89) n-Butylbenzene	13.59	91	22290	2.853	ug/l #	78
90) Hexachloroethane	13.86	117	6972	4.006	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.23	75	793	1.162	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.88	180	281	Below Cal	#	79
95) Naphthalene	15.10	128	298786	53.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	270	3.331	ug/l #	45

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

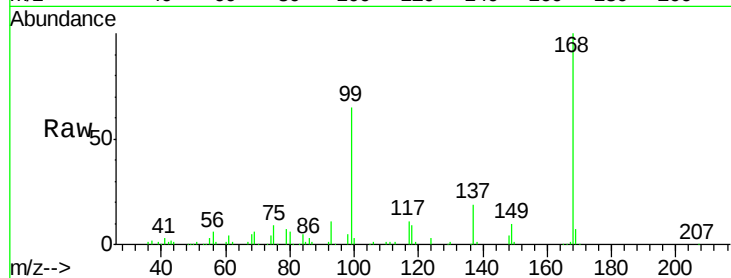
MW-3DL

Tgt Ion: 168 Resp: 197479

Ion Ratio Lower Upper

168 100

99 65.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

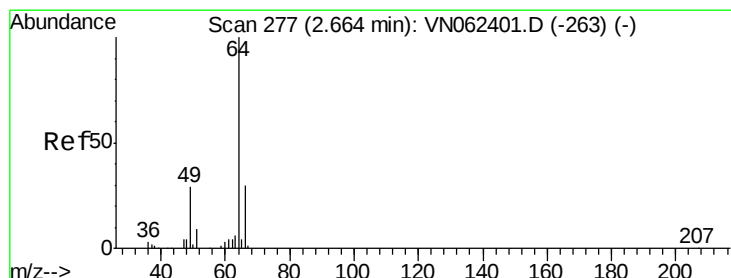
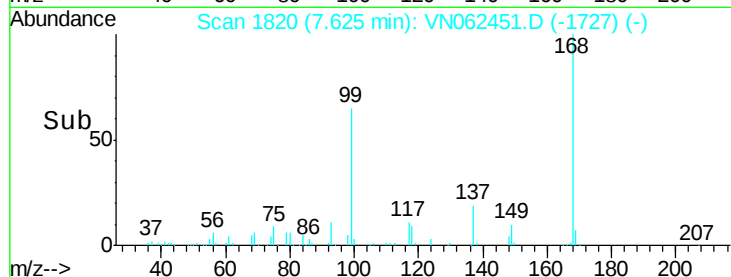
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#6

Chloroethane

Concen: 0.469 ug/l

RT: 2.73 min Scan# 297

Delta R.T. 0.06 min

Lab File: VN062451.D

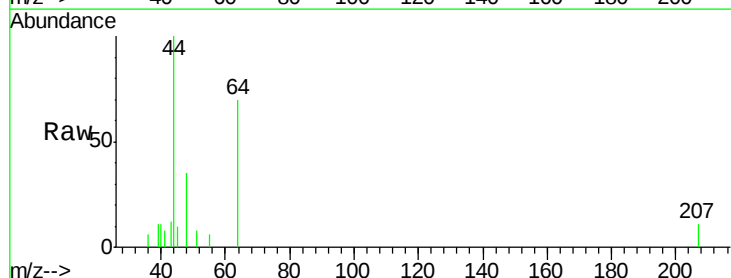
Acq: 9 Jul 2020 12:40

Tgt Ion: 64 Resp: 723

Ion Ratio Lower Upper

64 100

66 0.0 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.73

2000

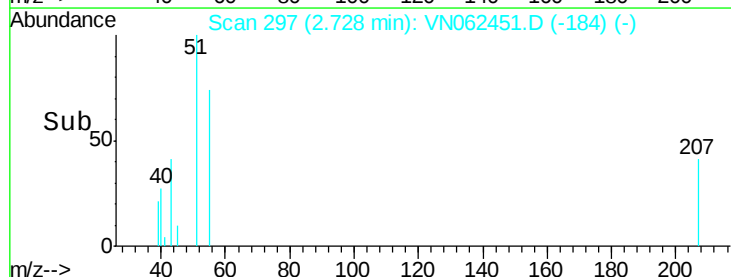
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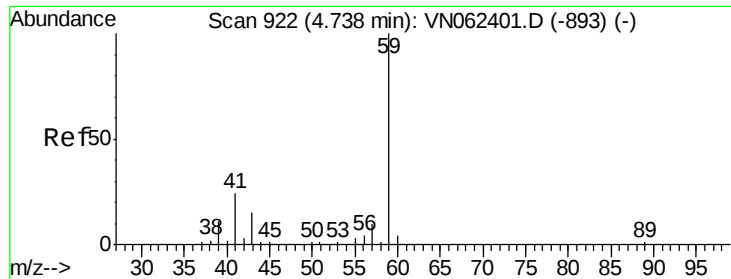
1000

500

0

Time--> 2.70 2.72 2.74

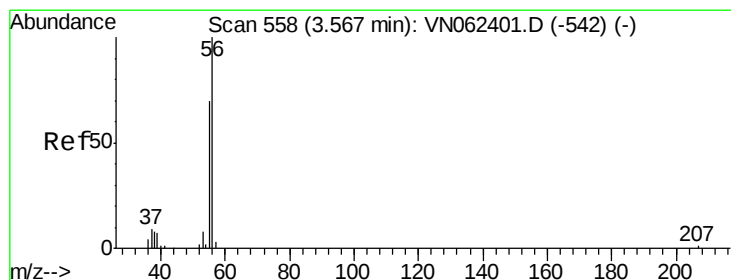
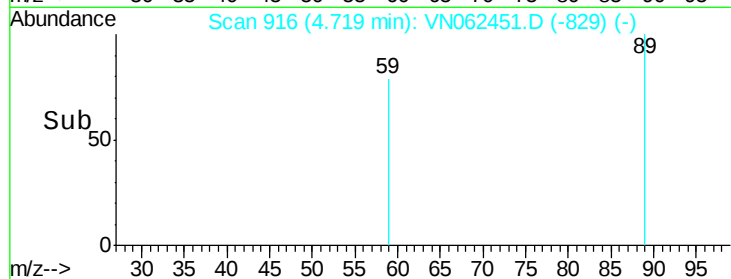
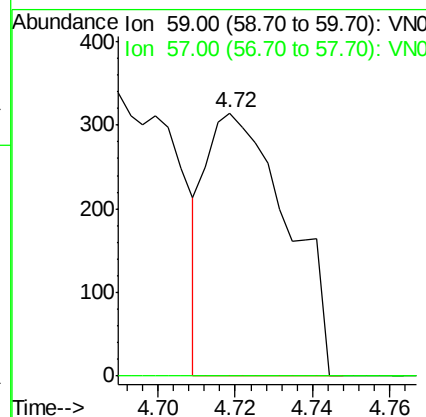
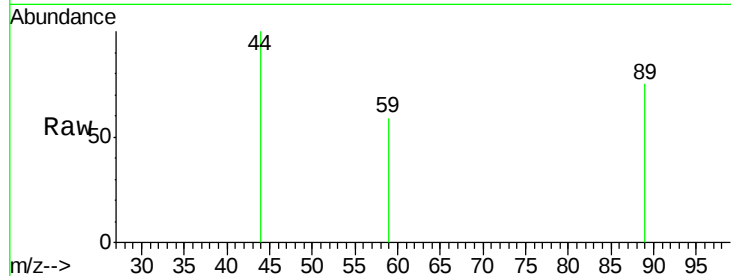




#11
Tert butyl alcohol
Concen: 0.915 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.02 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

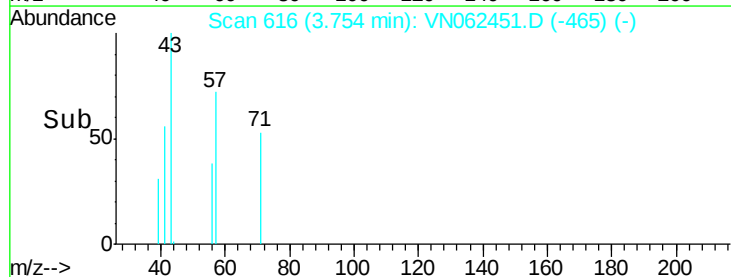
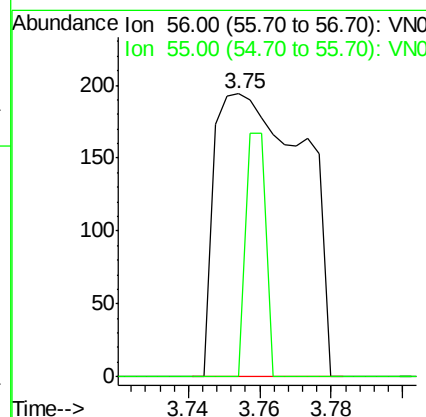
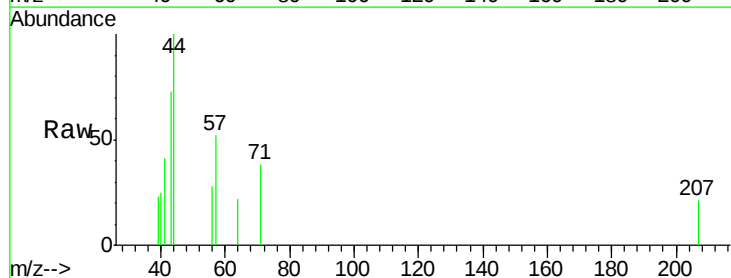
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

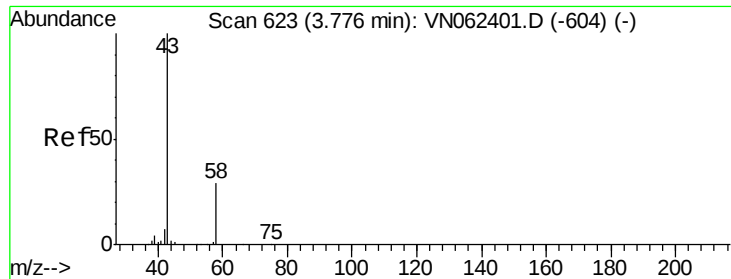
Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 0.916 ug/l
RT: 3.75 min Scan# 616
Delta R.T. 0.19 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 19.2 57.2 85.8#





#16

Acetone

Concen: 2.564 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

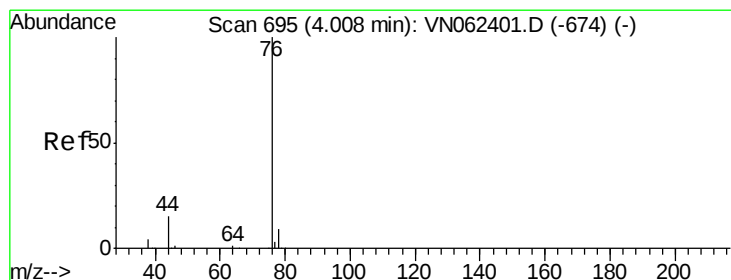
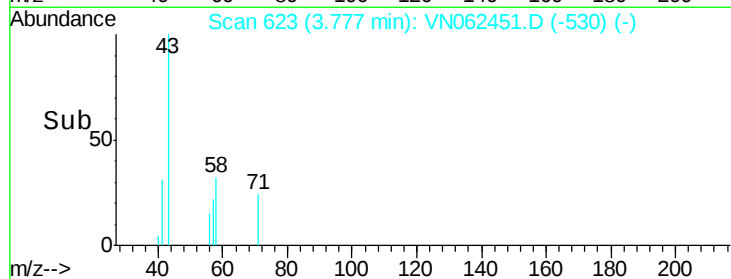
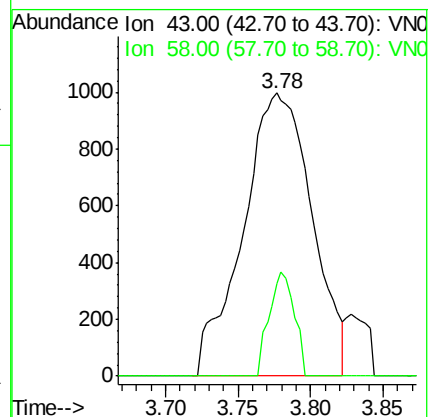
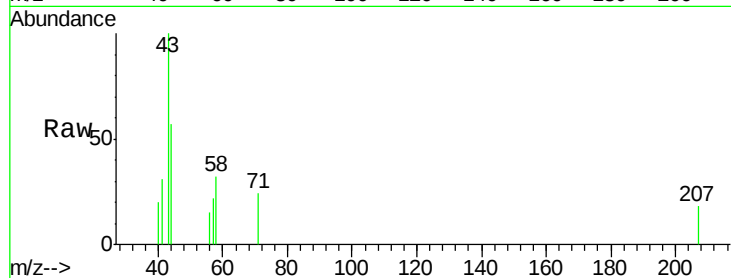
MW-3DL

Tgt Ion: 43 Resp: 3306

Ion Ratio Lower Upper

43 100

58 32.5 23.5 35.3



#17

Carbon Disulfide

Concen: 0.667 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062451.D

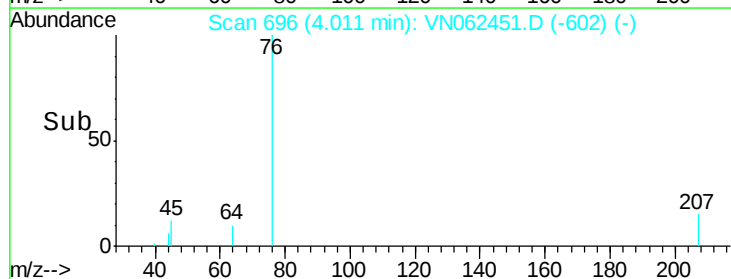
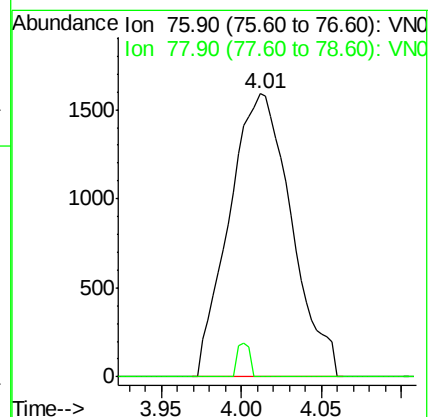
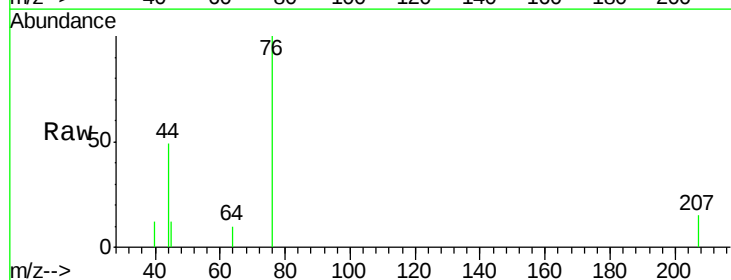
Acq: 9 Jul 2020 12:40

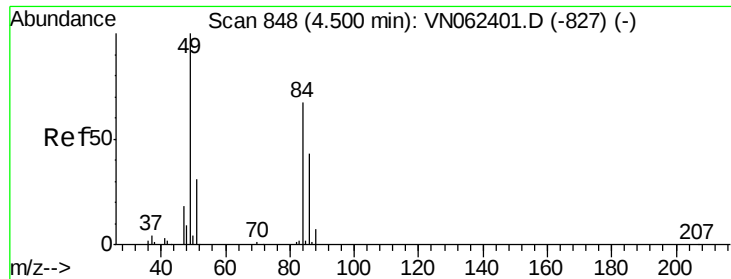
Tgt Ion: 76 Resp: 4234

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

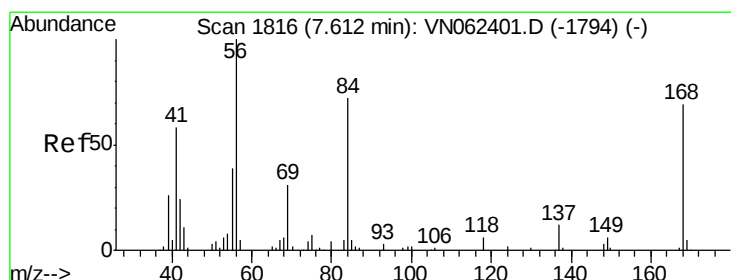
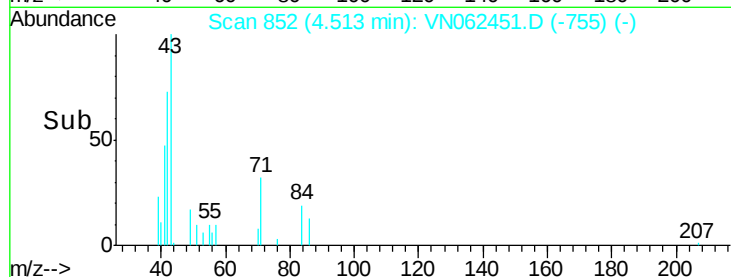
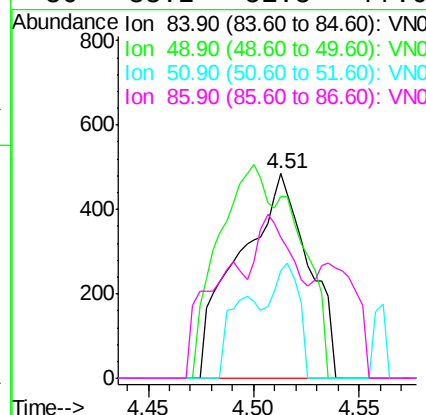
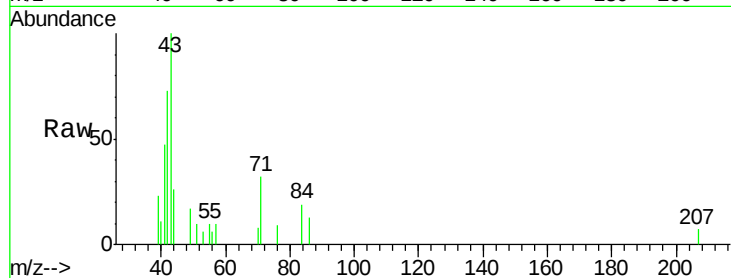




#20
Methylene Chloride
Concen: 0.403 ug/l
RT: 4.51 min Scan# 852
Delta R.T. 0.01 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

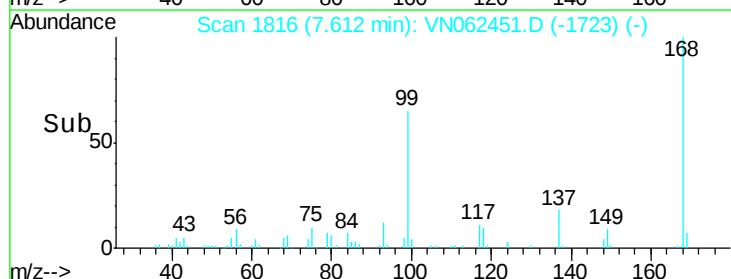
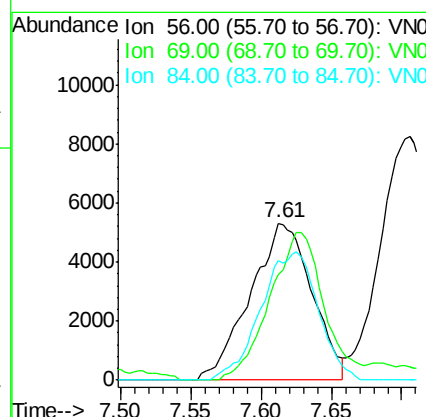
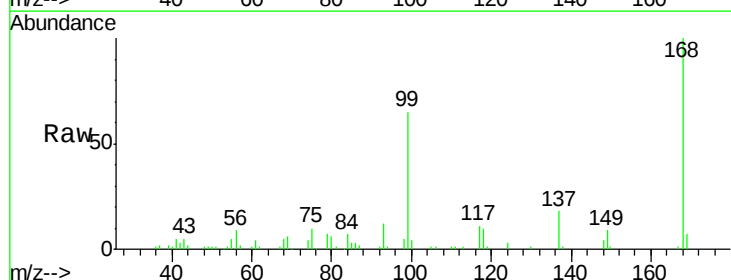
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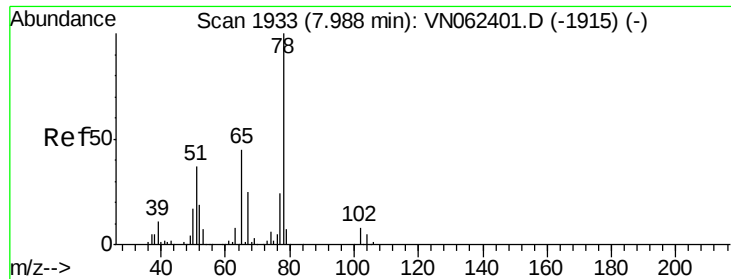
Tgt Ion: 84 Resp: 1111
Ion Ratio Lower Upper
84 100
49 89.1 120.0 180.0#
51 52.6 37.0 55.6
86 33.2 51.8 77.6#



#31
Cyclohexane
Concen: 3.501 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion: 56 Resp: 16154
Ion Ratio Lower Upper
56 100
69 67.3 24.5 36.7#
84 76.1 57.4 86.2

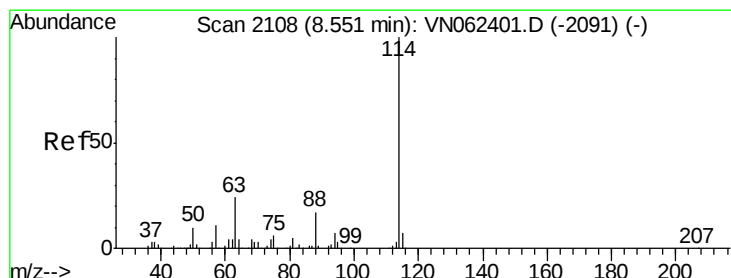
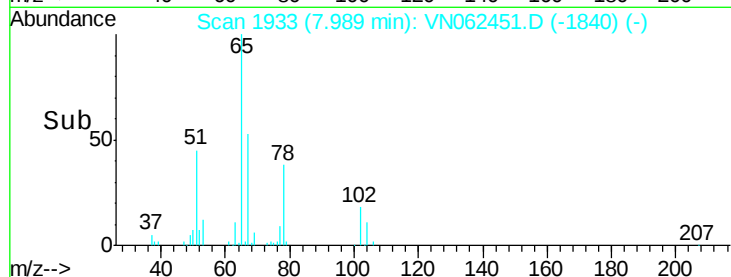
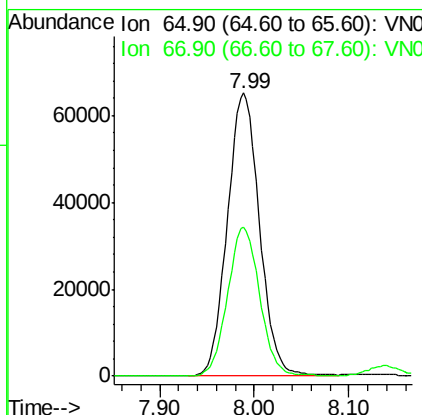
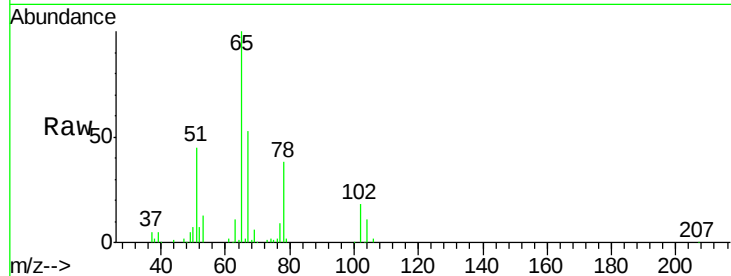




#33
 1,2-Dichloroethane-d4
 Concen: 50.721 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

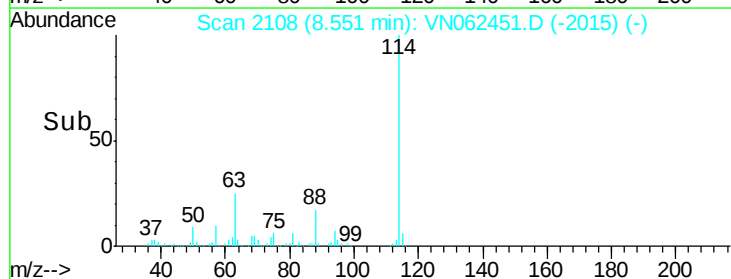
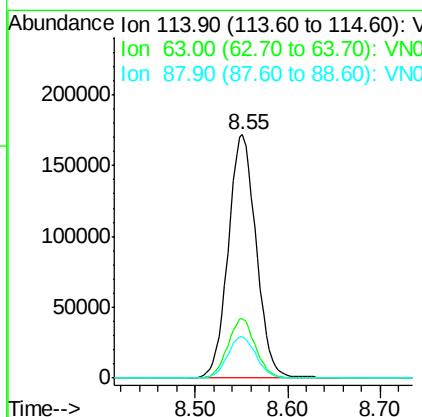
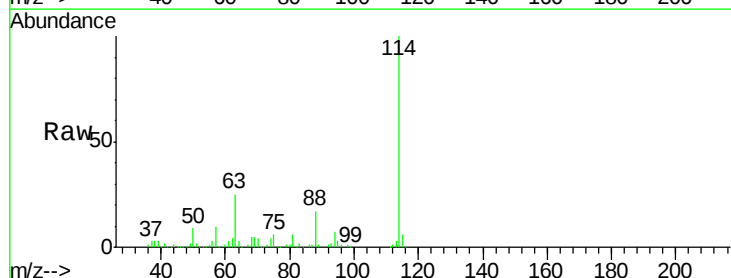
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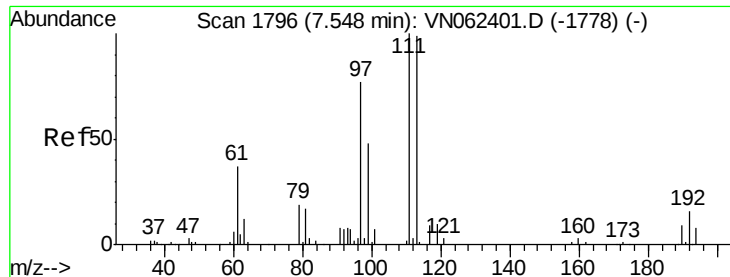
Tgt Ion: 65 Resp: 154065
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

Tgt Ion: 114 Resp: 359258
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.4
 88 17.2 0.0 33.8

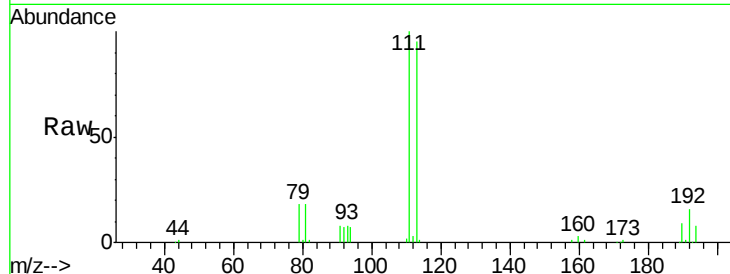




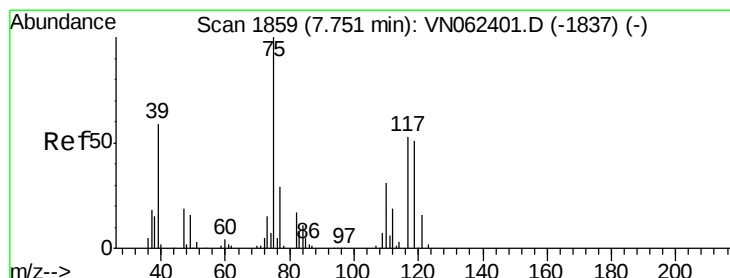
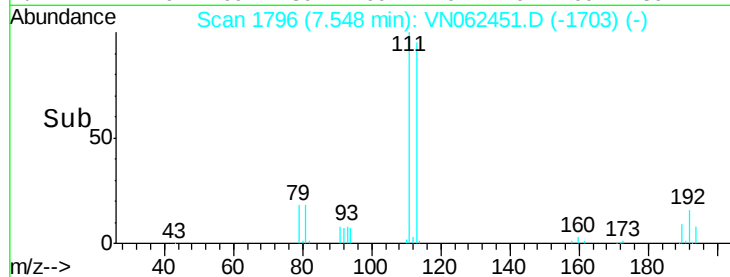
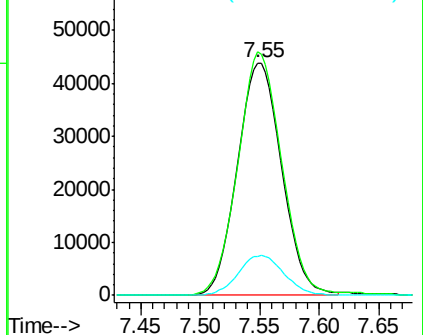
#35
 Dibromofluoromethane
 Concen: 51.008 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Tgt Ion: 113 Resp: 113274
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.1 124.7
 192 17.6 14.1 21.1

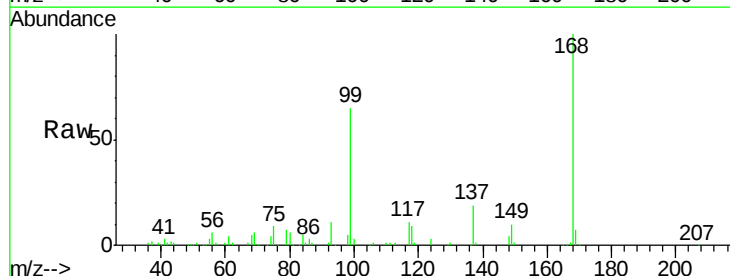


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

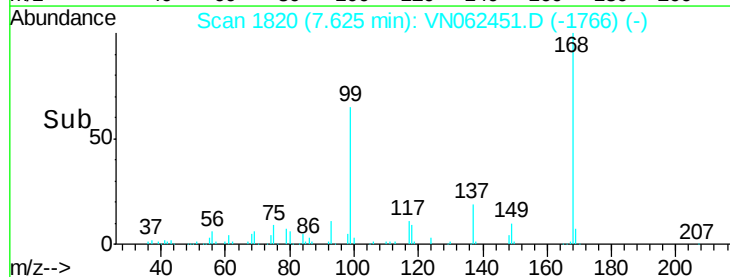
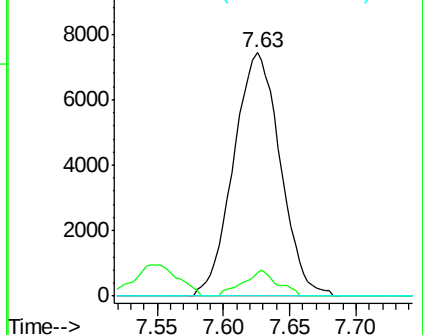


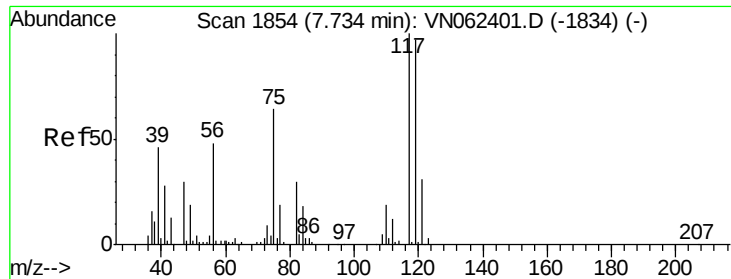
#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

Tgt Ion: 75 Resp: 18205
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.4 46.2#
 77 0.0 24.1 36.1#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.441 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

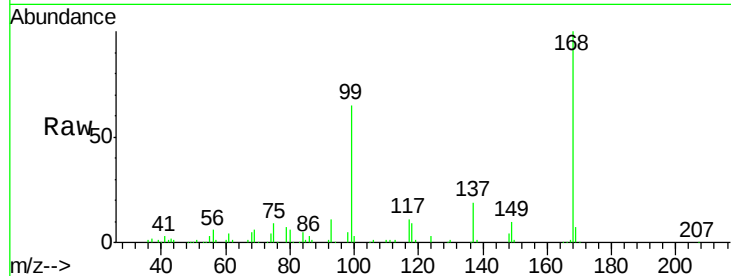
Tgt Ion:117 Resp: 20959

Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

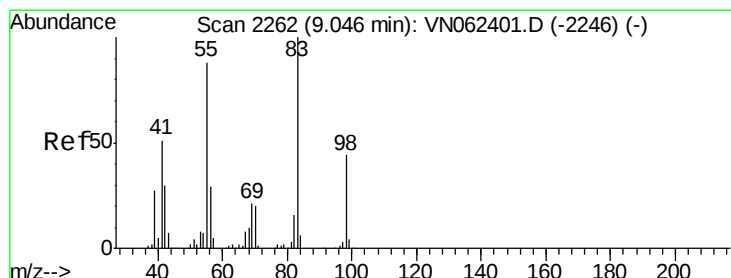
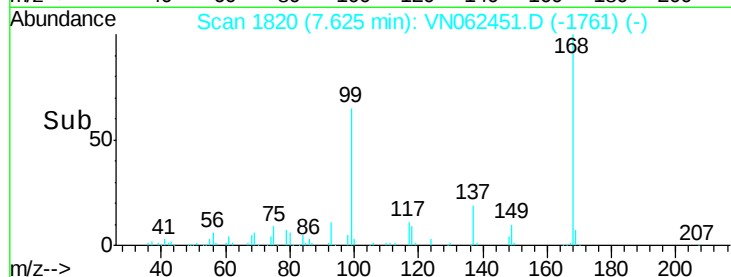
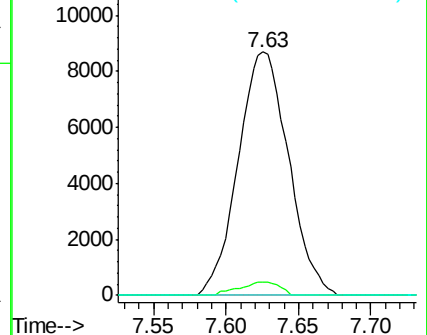
121 0.0 24.8 37.2#



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: 3.084 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

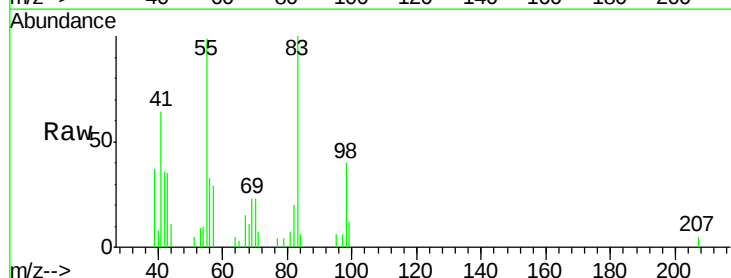
Tgt Ion: 83 Resp: 11918

Ion Ratio Lower Upper

83 100

55 93.2 70.5 105.7

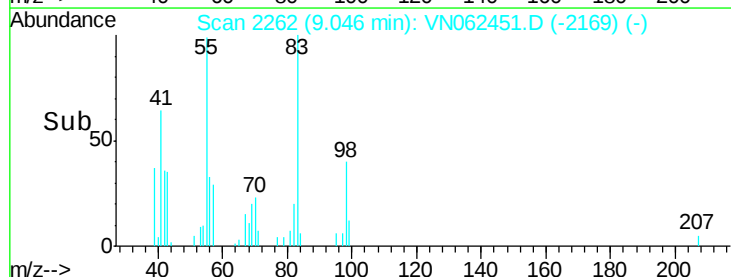
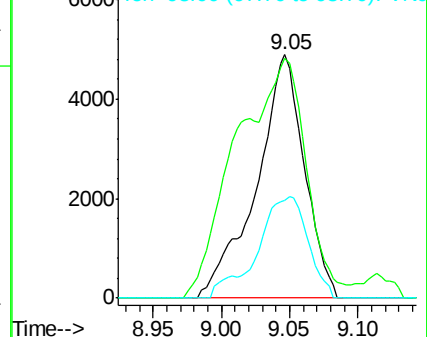
98 40.3 35.5 53.3

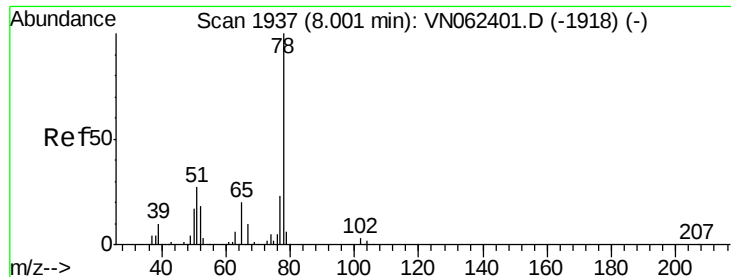


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 8.748 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

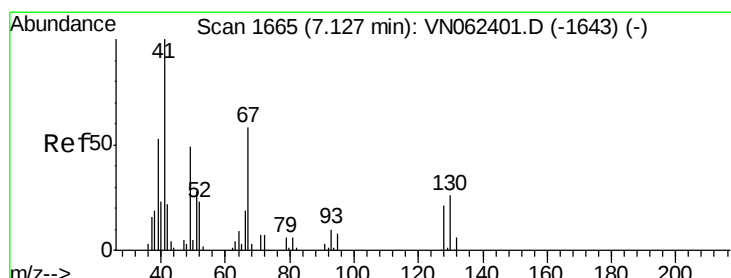
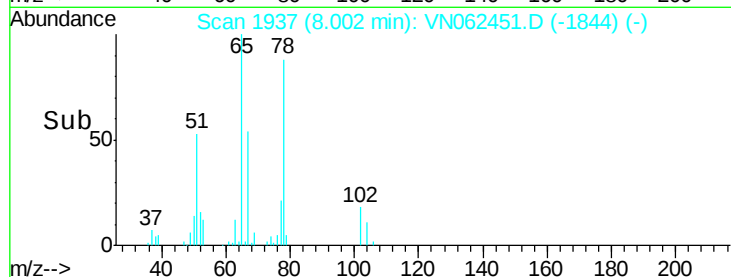
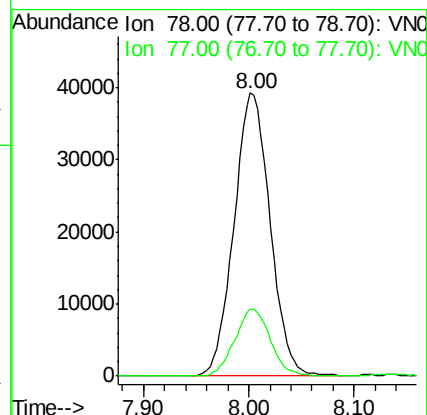
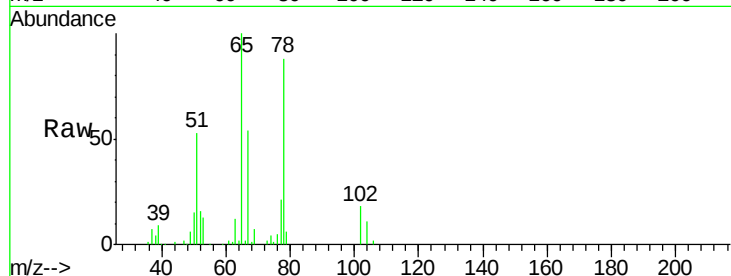
MW-3DL

Tgt Ion: 78 Resp: 93322

Ion Ratio Lower Upper

78 100

77 23.9 18.7 28.1



#41

Methacrylonitrile

Concen: 0.233 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.04 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Tgt Ion: 41 Resp: 412

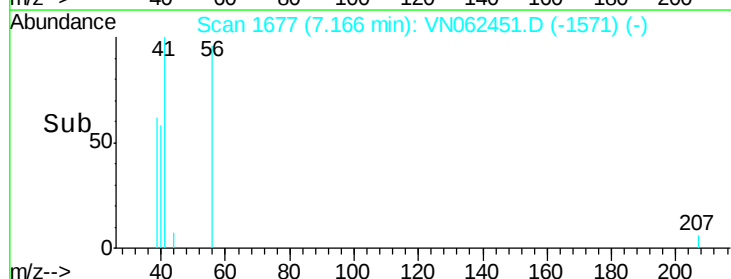
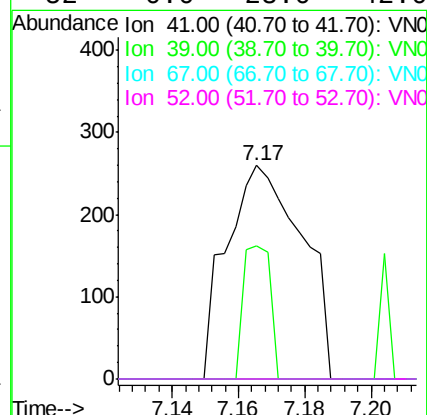
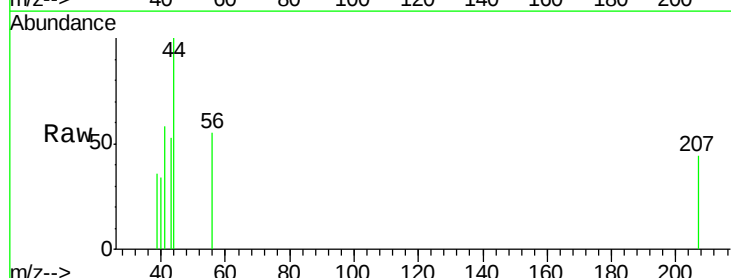
Ion Ratio Lower Upper

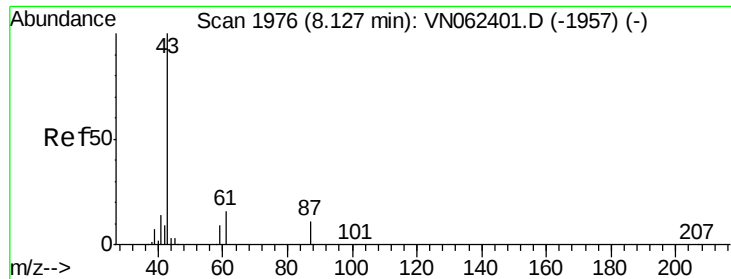
41 100

39 22.1 50.2 75.2#

67 0.0 64.2 96.2#

52 0.0 28.0 42.0#

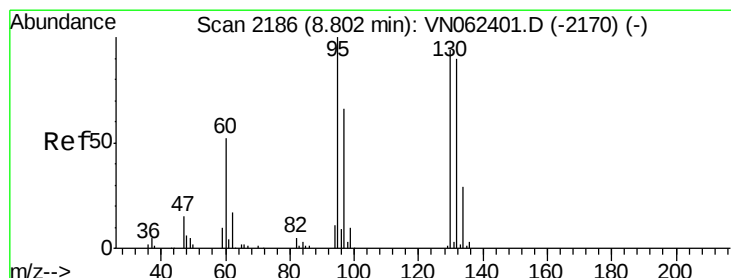
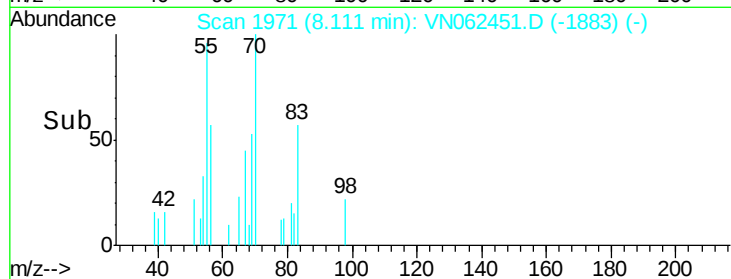
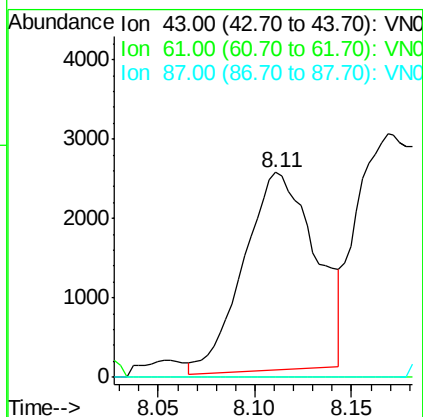
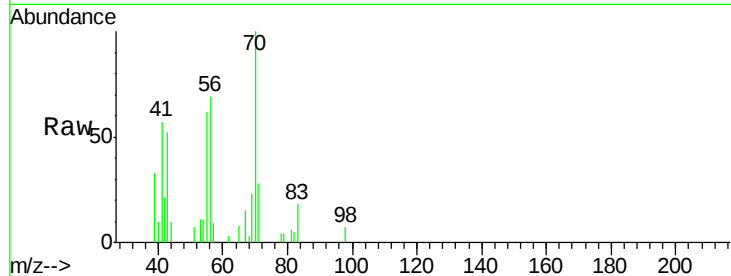




#43
Isopropyl Acetate
Concen: 0.960 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.02 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

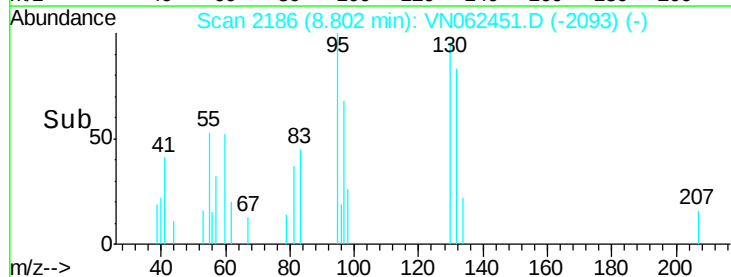
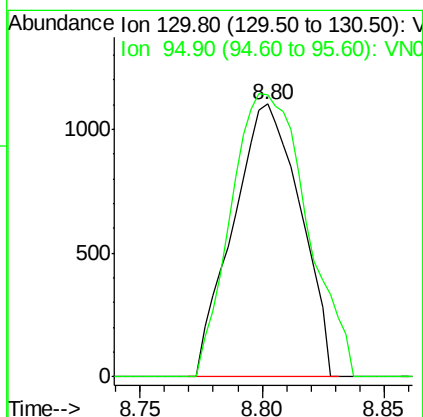
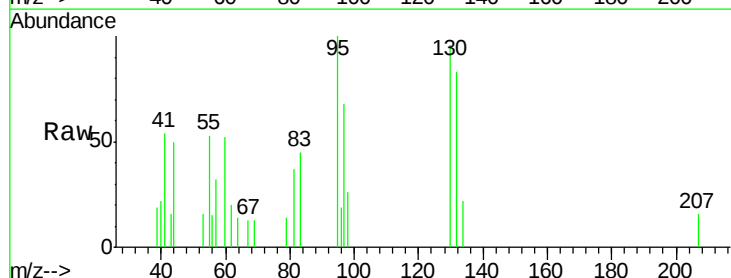
Instrument :
MSVOA_N
ClientSampled :
MW-3DL

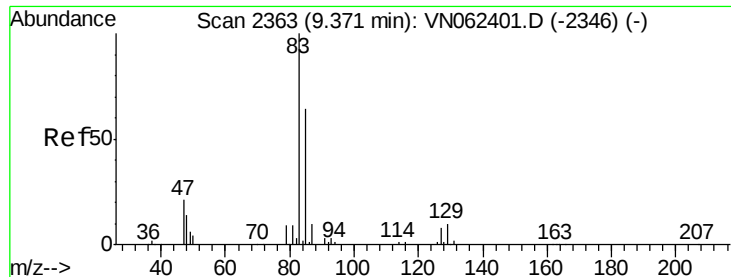
Tgt Ion: 43 Resp: 6417
Ion Ratio Lower Upper
43 100
61 0.0 19.3 28.9#
87 0.0 8.6 13.0#



#44
Trichloroethene
Concen: 0.890 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion: 130 Resp: 2106
Ion Ratio Lower Upper
130 100
95 103.6 0.0 213.8





#47

Bromodichloromethane

Concen: 0.459 ug/l

RT: 9.36 min Scan# 2358

Delta R.T. -0.02 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

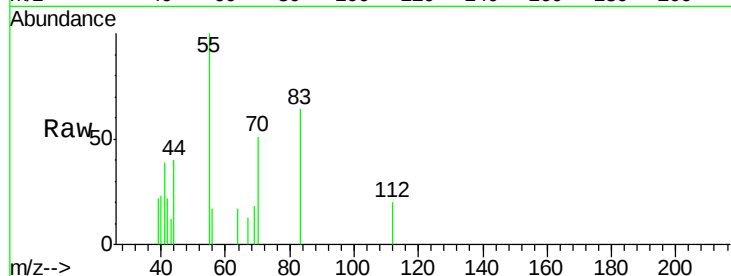
Tgt Ion: 83 Resp: 1716

Ion Ratio Lower Upper

83 100

85 0.0 51.2 76.8#

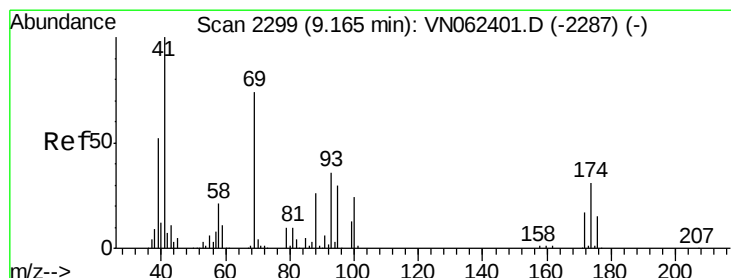
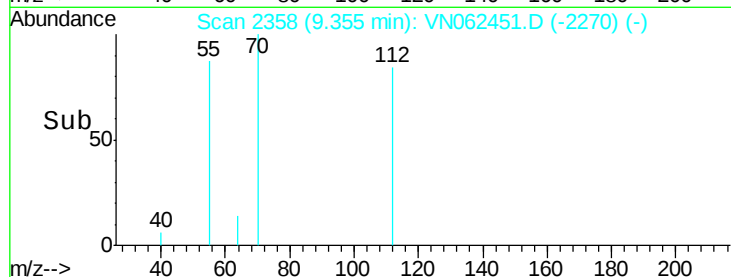
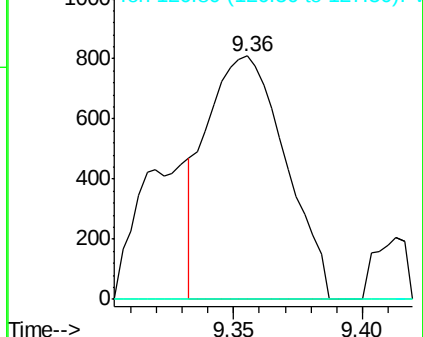
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.374 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.02 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

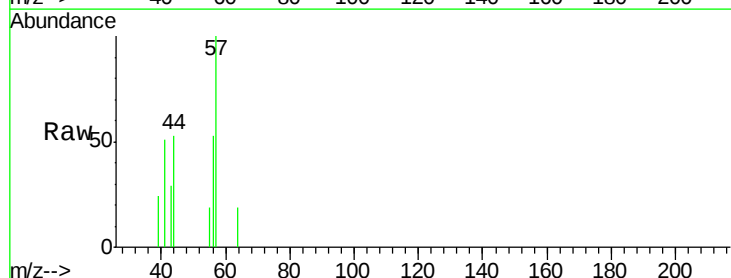
Tgt Ion: 41 Resp: 1226

Ion Ratio Lower Upper

41 100

69 0.0 60.8 91.2#

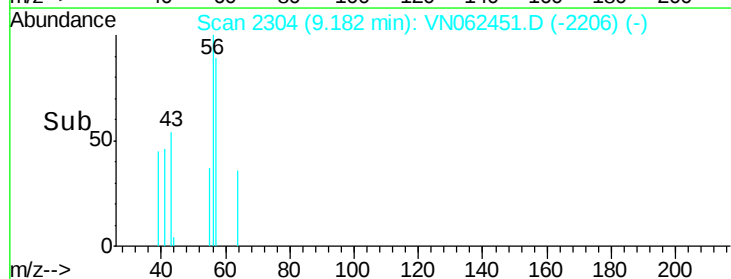
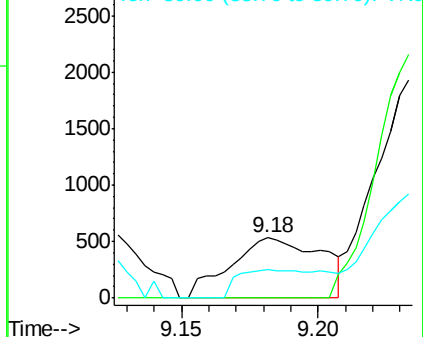
39 36.4 43.5 65.3#

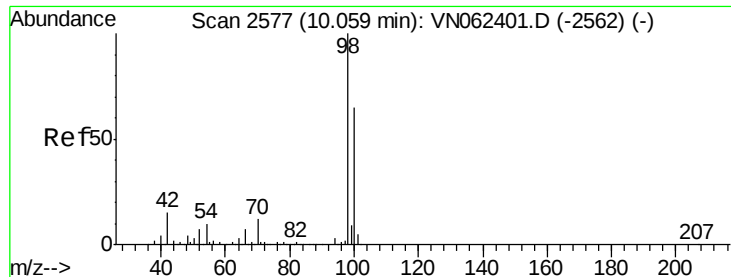


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.969 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

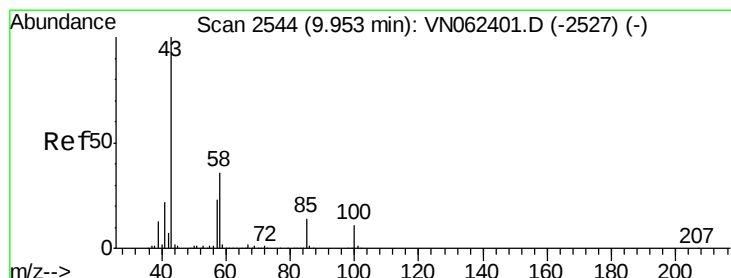
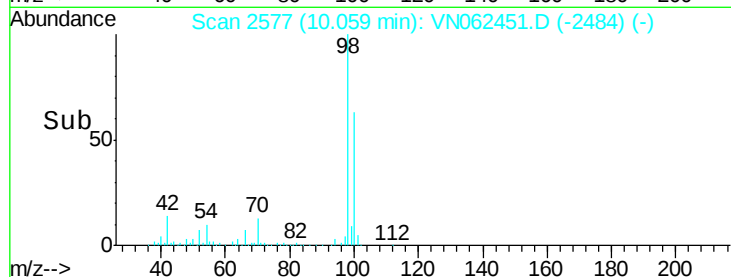
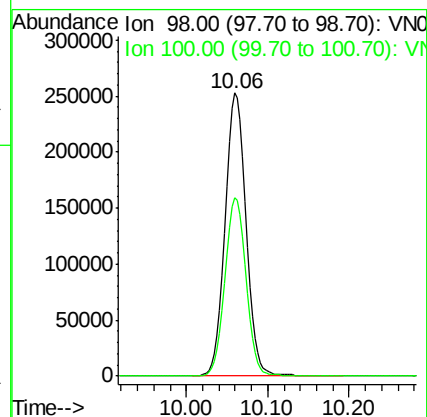
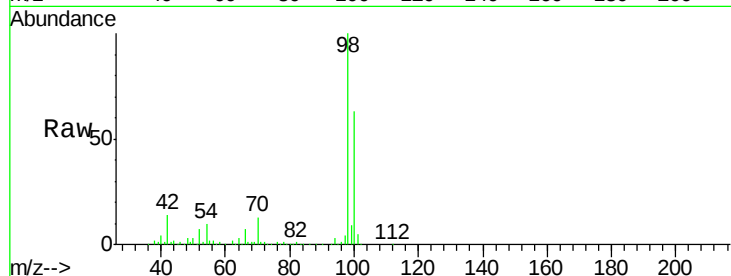
MW-3DL

Tgt Ion: 98 Resp: 464365

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 1.054 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN062451.D

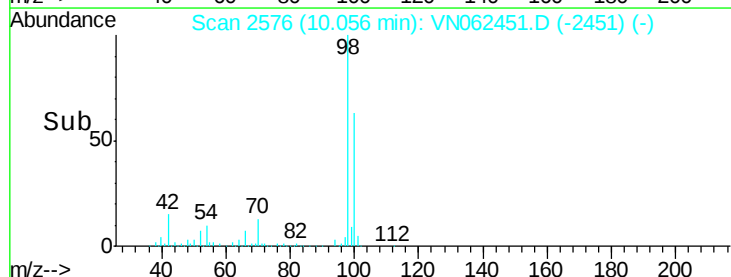
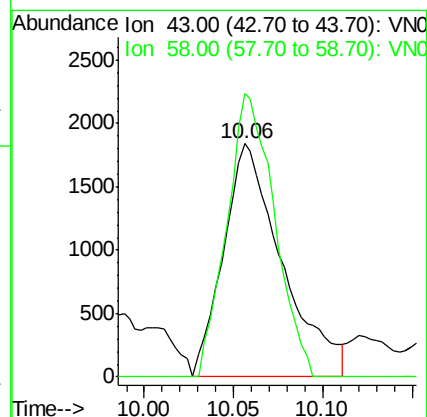
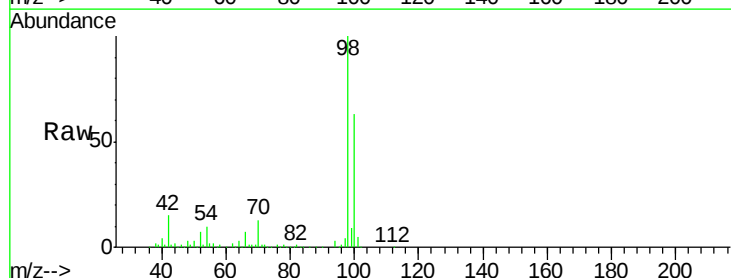
Acq: 9 Jul 2020 12:40

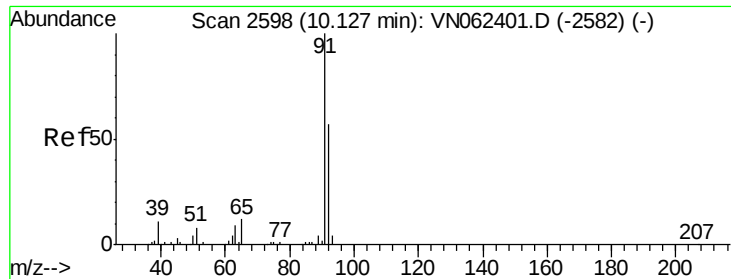
Tgt Ion: 43 Resp: 4207

Ion Ratio Lower Upper

43 100

58 98.9 29.0 43.6#





#52

Toluene

Concen: 2.875 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

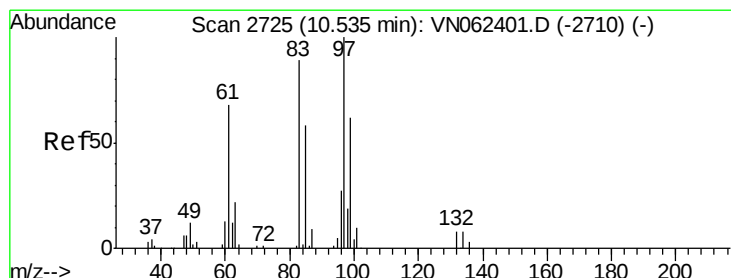
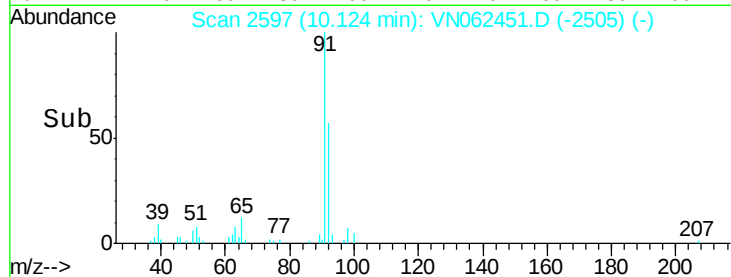
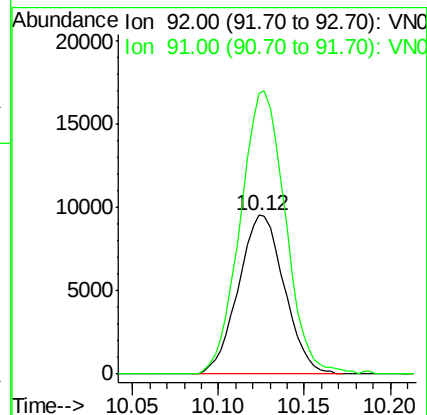
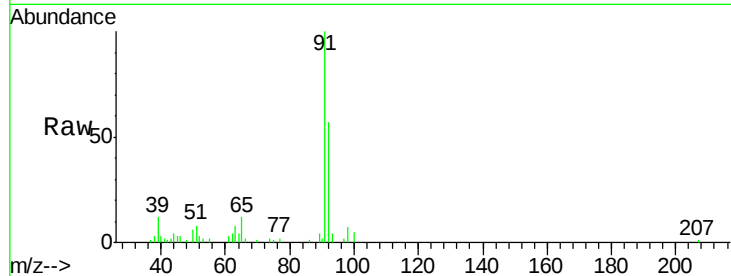
MW-3DL

Tgt Ion: 92 Resp: 17717

Ion Ratio Lower Upper

92 100

91 174.8 141.0 211.6



#55

1,1,2-Trichloroethane

Concen: 3.476 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.04 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Tgt Ion: 97 Resp: 8423

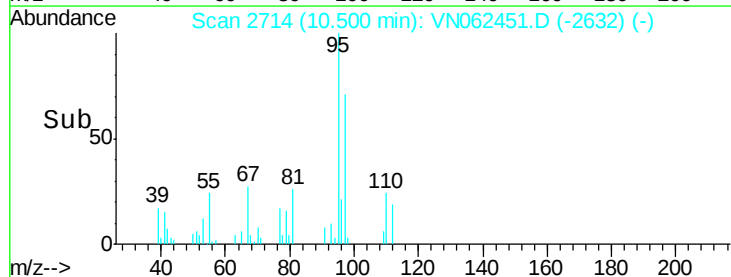
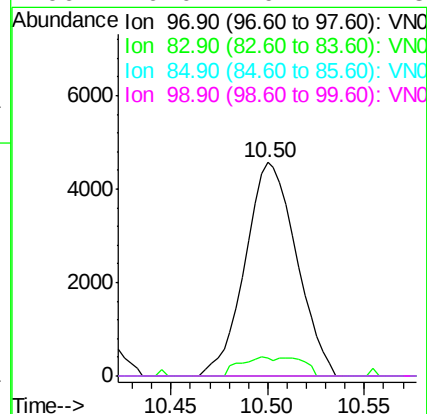
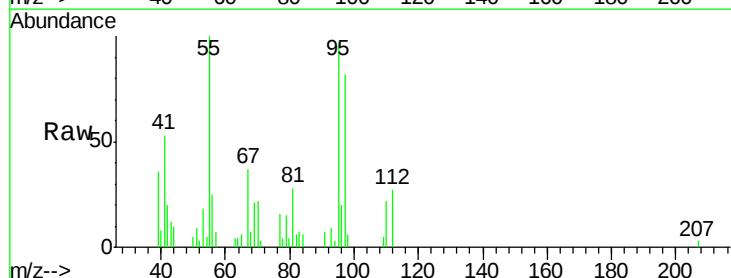
Ion Ratio Lower Upper

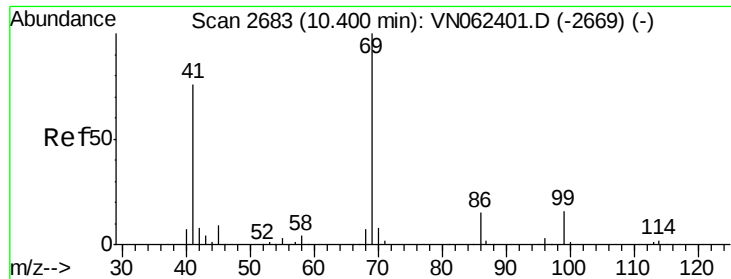
97 100

83 8.1 71.0 106.4#

85 0.0 46.2 69.4#

99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 1.928 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampleID :

MW-3DL

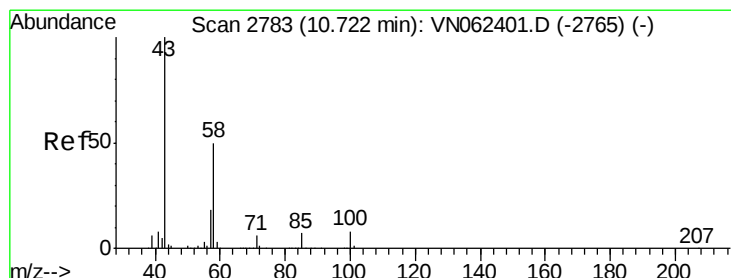
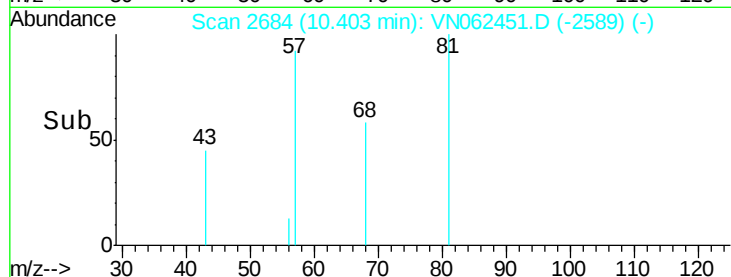
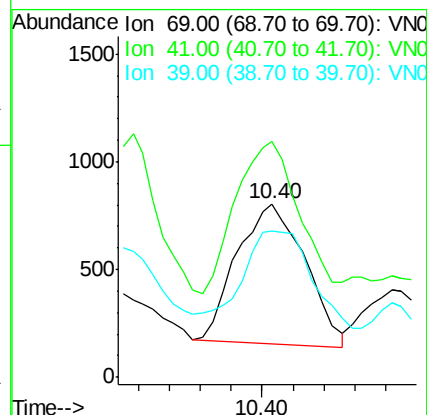
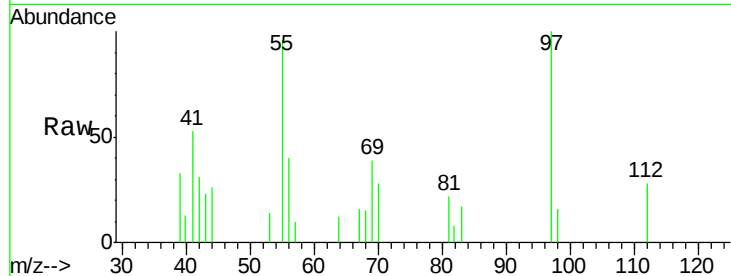
Tgt Ion: 69 Resp: 998

Ion Ratio Lower Upper

69 100

41 100.6 59.7 89.5#

39 72.0 30.6 45.8#



#59

2-Hexanone

Concen: 0.262 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.02 min

Lab File: VN062451.D

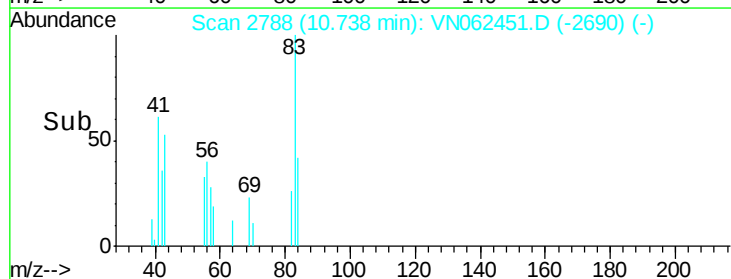
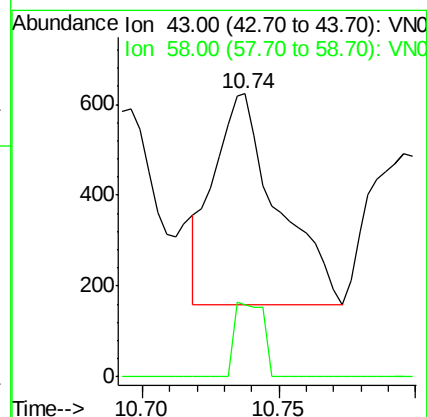
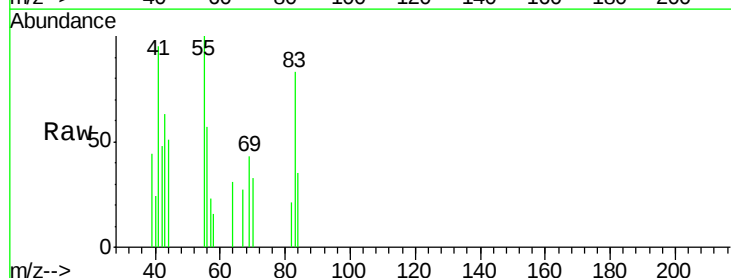
Acq: 9 Jul 2020 12:40

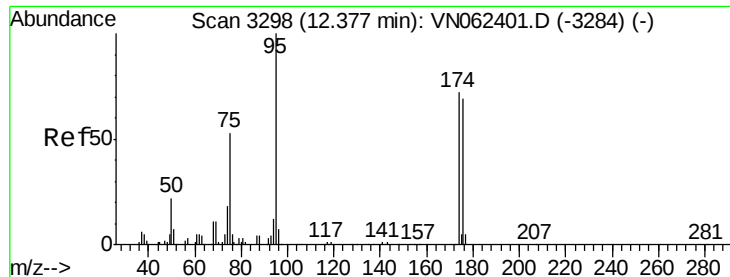
Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

58 15.9 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 54.856 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

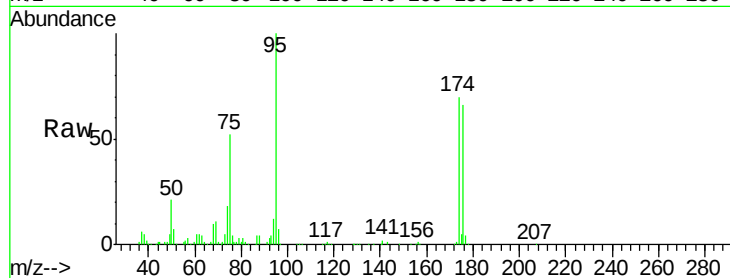
Tgt Ion: 95 Resp: 175737

Ion Ratio Lower Upper

95 100

174 70.0 0.0 141.6

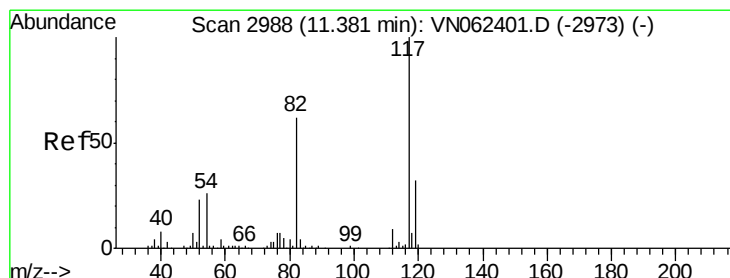
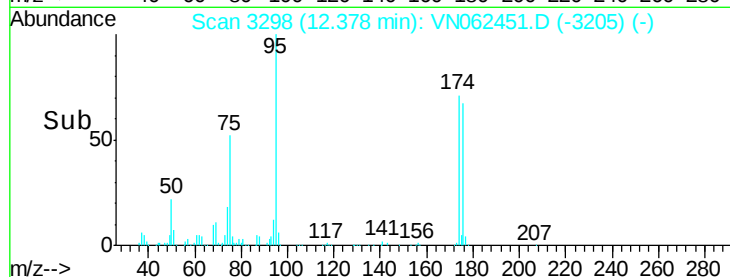
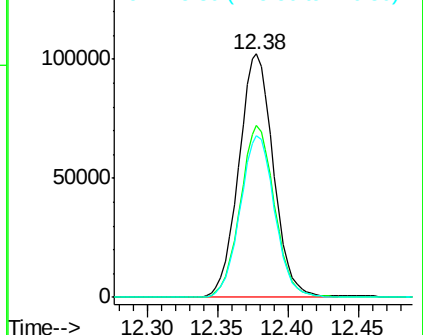
176 66.4 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062451.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062451.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062451.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

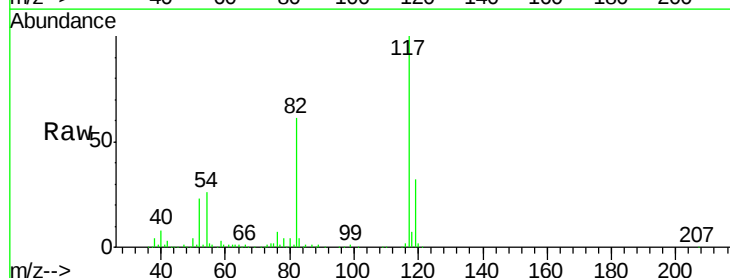
Tgt Ion: 117 Resp: 344211

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

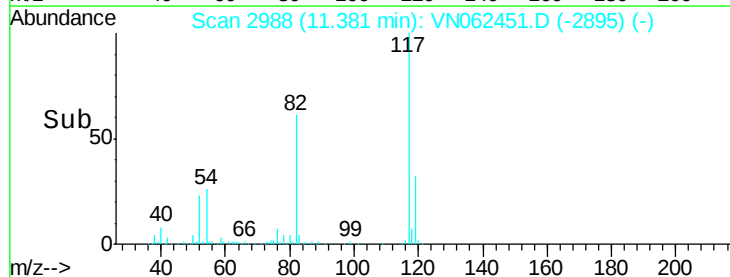
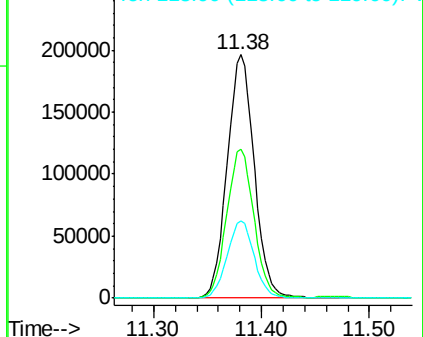
119 31.7 25.4 38.0

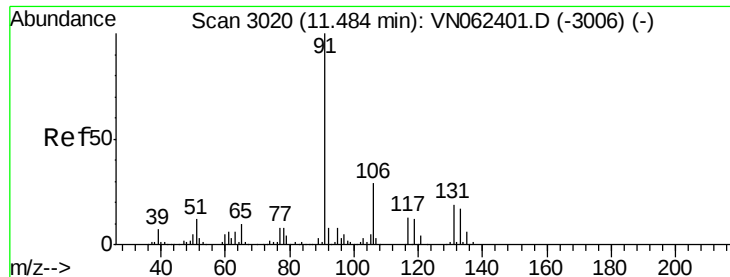


Abundance Ion 116.90 (116.60 to 117.60): VN062451.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062451.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062451.D (-2895) (-)

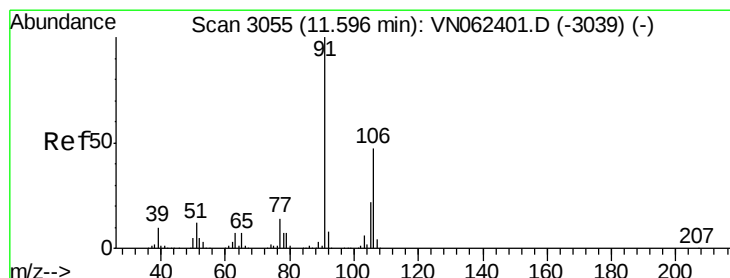
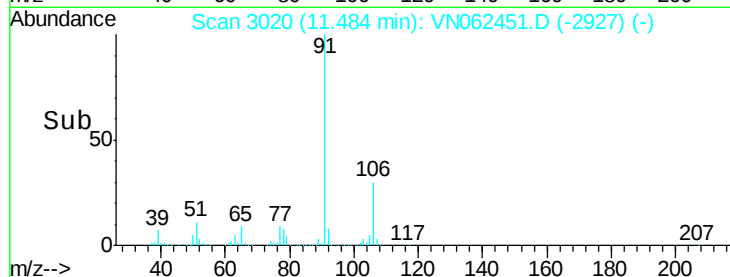
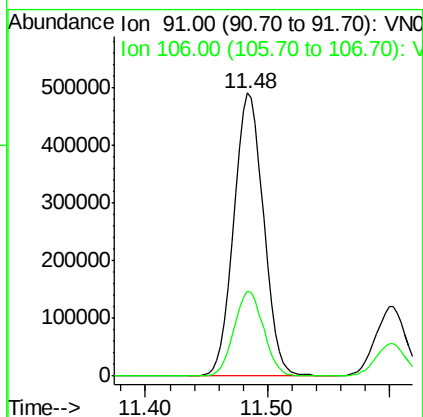
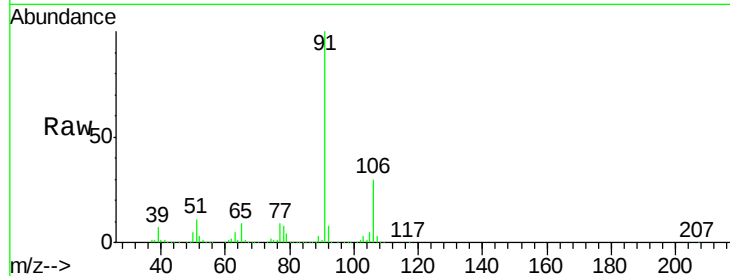




#67
Ethyl Benzene
Concen: 66.258 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

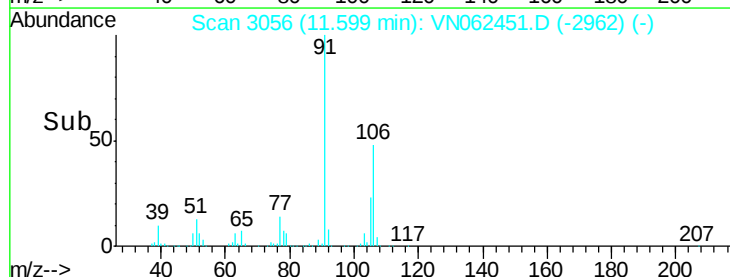
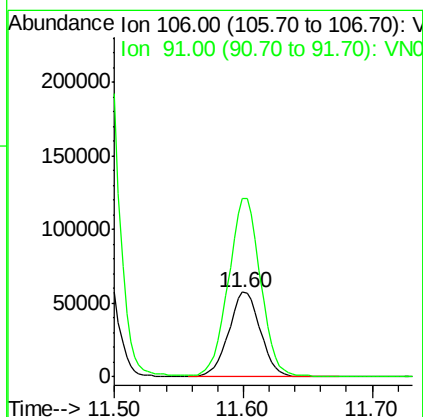
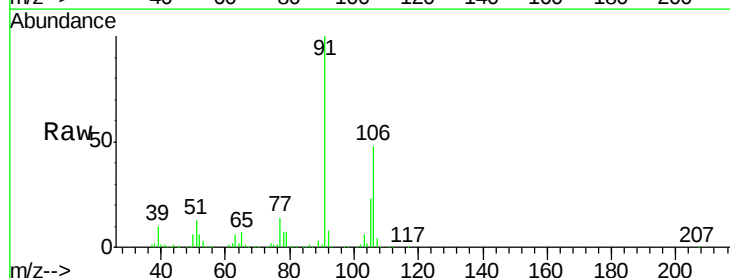
Instrument :
MSVOA_N
ClientSampled :
MW-3DL

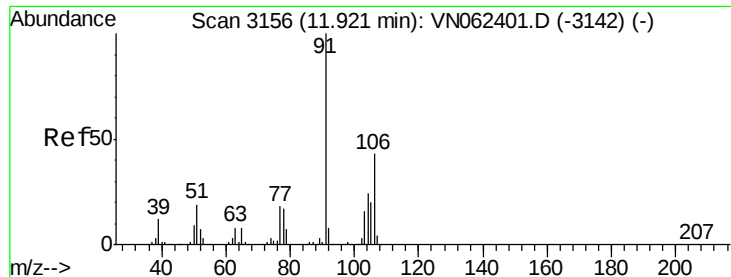
Tgt Ion: 91 Resp: 832021
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2



#68
m/p-Xylenes
Concen: 22.146 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion: 106 Resp: 98446
Ion Ratio Lower Upper
106 100
91 212.4 172.4 258.6

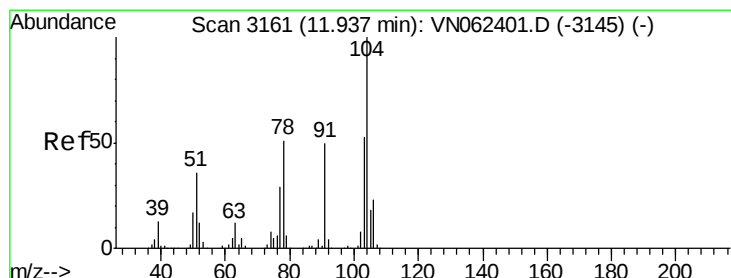
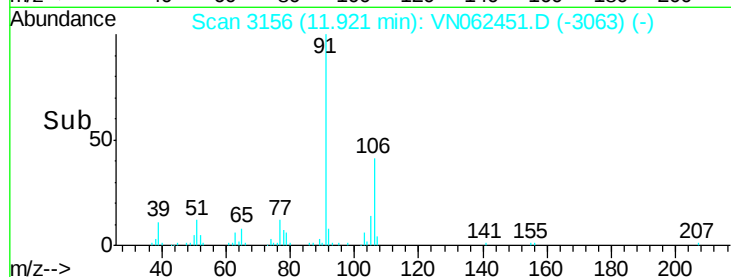
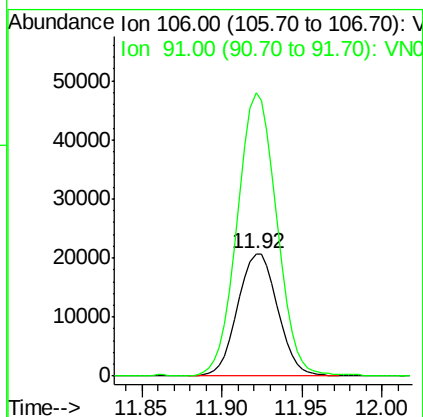
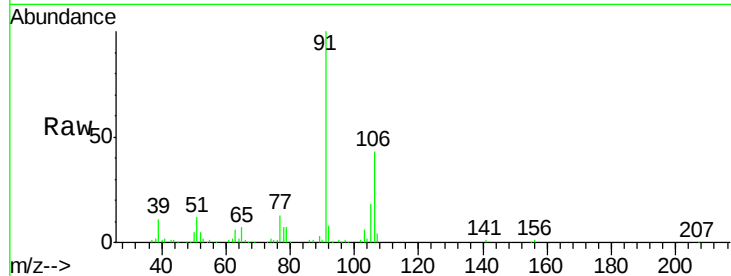




#69
o-Xylene
Concen: 8.162 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

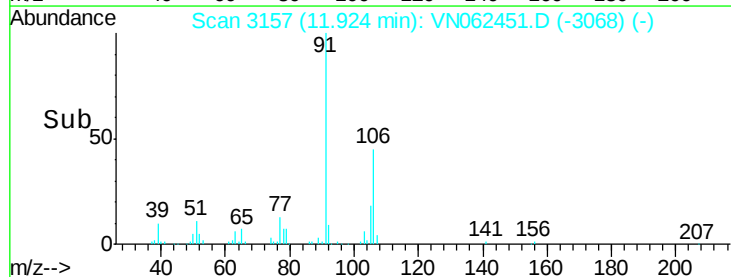
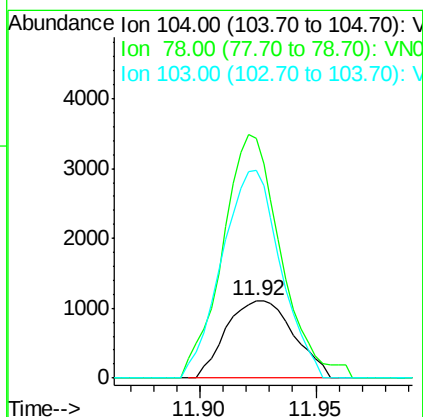
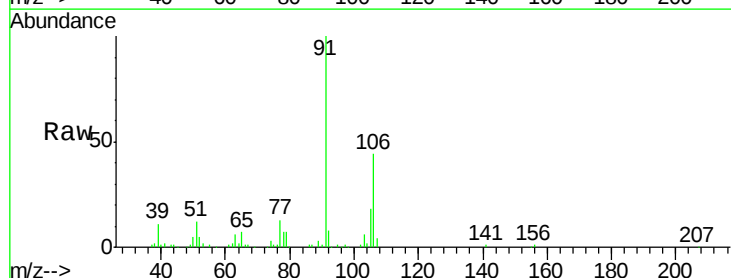
Instrument :
MSVOA_N
ClientSampled :
MW-3DL

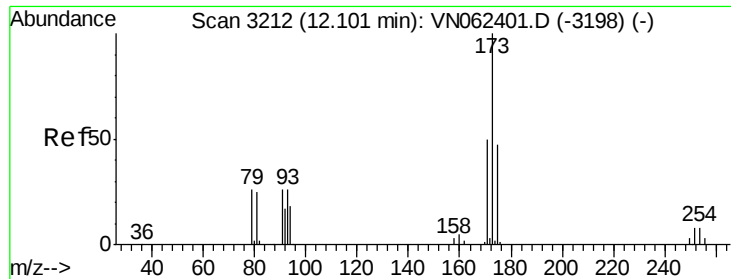
Tgt Ion:106 Resp: 35325
Ion Ratio Lower Upper
106 100
91 229.1 113.8 341.4



#70
Styrene
Concen: 0.312 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.01 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion:104 Resp: 2230
Ion Ratio Lower Upper
104 100
78 271.7 44.2 66.4#
103 234.4 44.4 66.6#

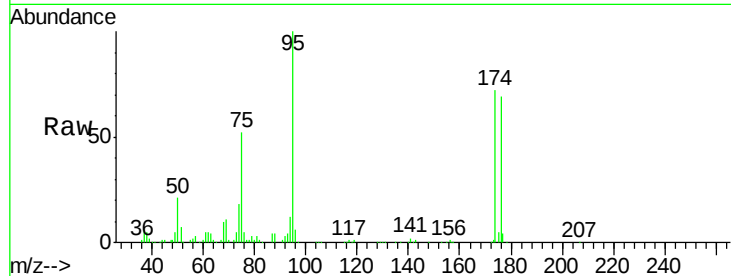




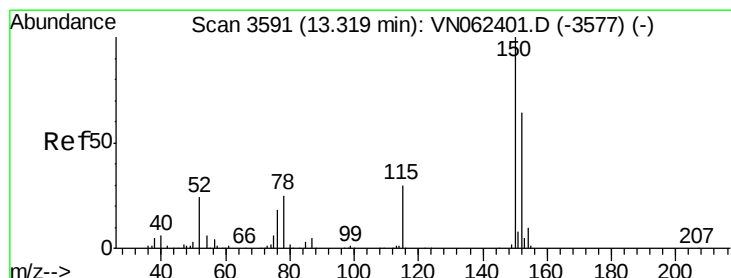
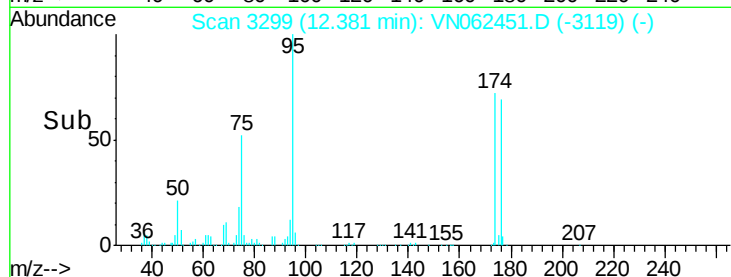
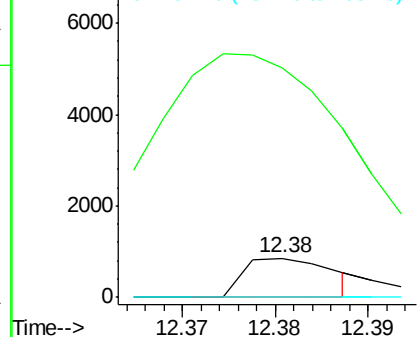
#71
Bromoform
Concen: 0.316 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:173 Resp: 572
Ion Ratio Lower Upper
173 100
175 1342.1 23.7 71.1#
254 0.0 0.0 0.0

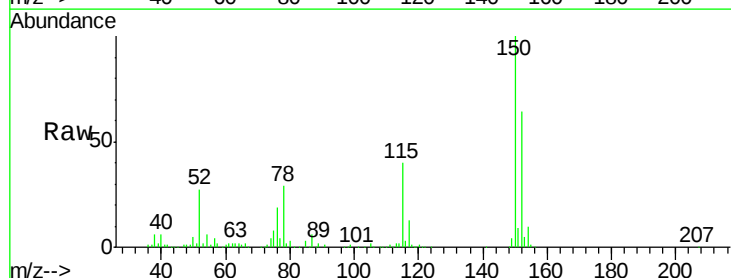


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

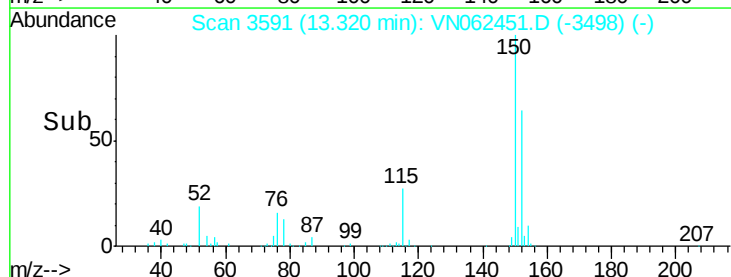
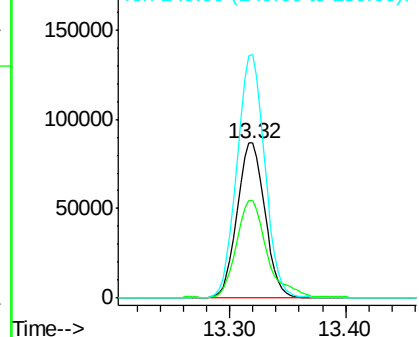


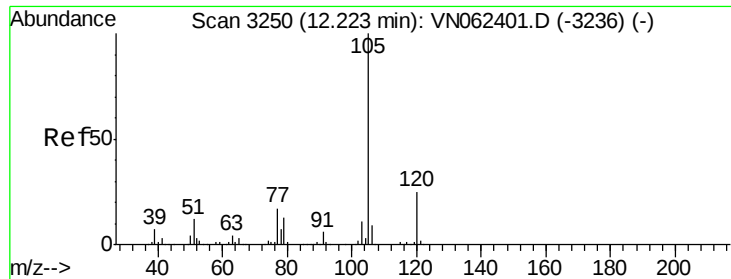
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion:152 Resp: 143704
Ion Ratio Lower Upper
152 100
115 68.1 31.4 94.2
150 156.4 0.0 347.4



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: 3.922 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

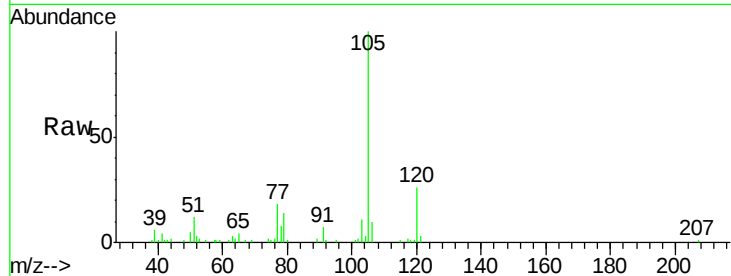
MW-3DL

Tgt Ion: 105 Resp: 43613

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.1

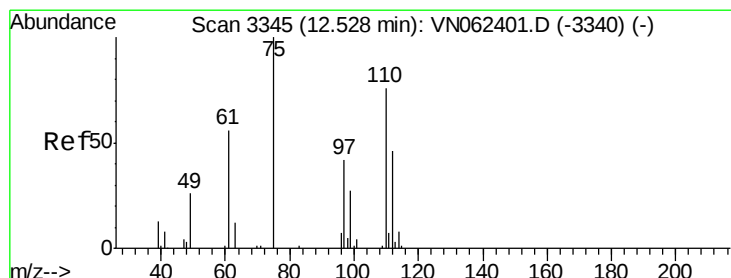
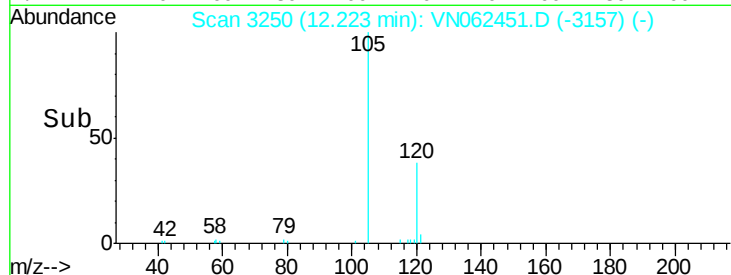


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

Time--> 12.15 12.20 12.25 12.30



#76

1,2,3-Trichloropropane

Concen: 26.378 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062451.D

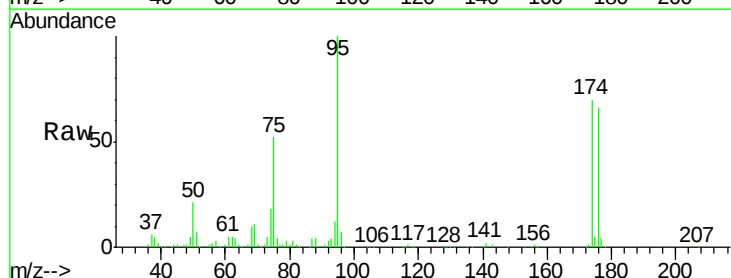
Acq: 9 Jul 2020 12:40

Tgt Ion: 75 Resp: 93009

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

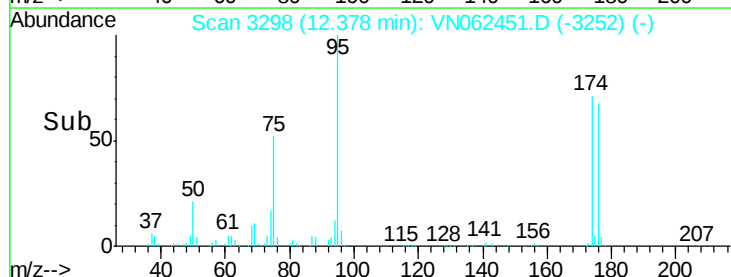


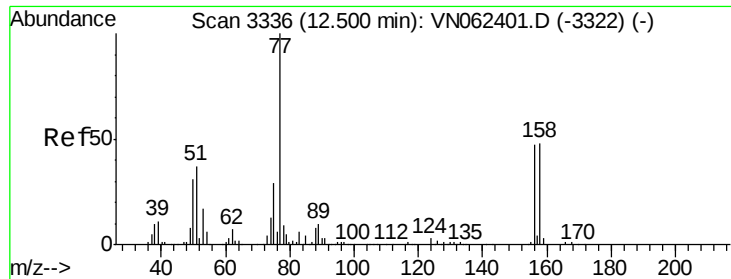
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

Time--> 12.30 12.40





#77

Bromobenzene

Concen: 2.715 ug/l

RT: 12.44 min Scan# 3318

Delta R.T. -0.06 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

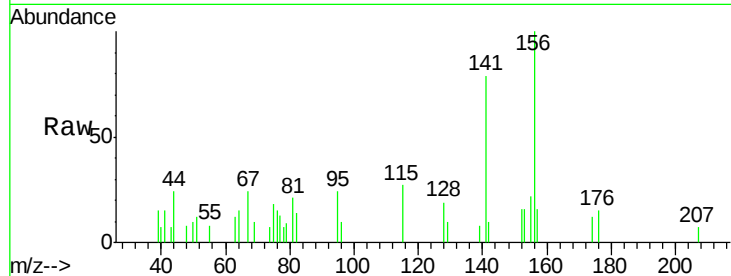
Tgt Ion:156 Resp: 6863

Ion Ratio Lower Upper

156 100

77 4.8 126.4 379.3#

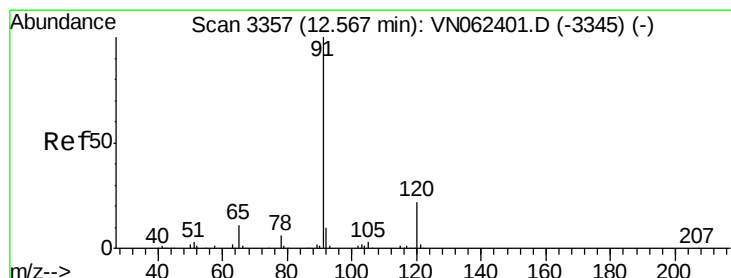
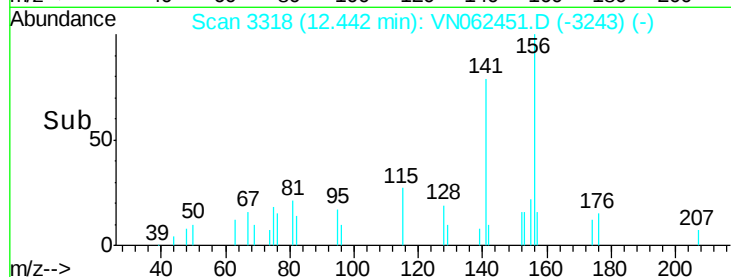
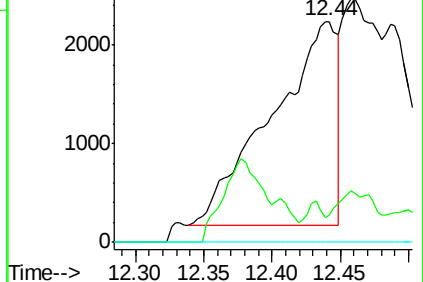
158 0.0 49.8 149.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 8.658 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062451.D

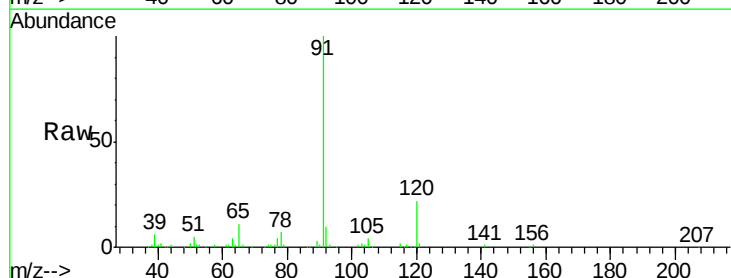
Acq: 9 Jul 2020 12:40

Tgt Ion: 91 Resp: 112466

Ion Ratio Lower Upper

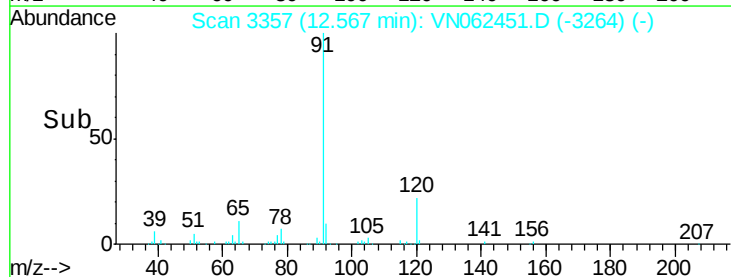
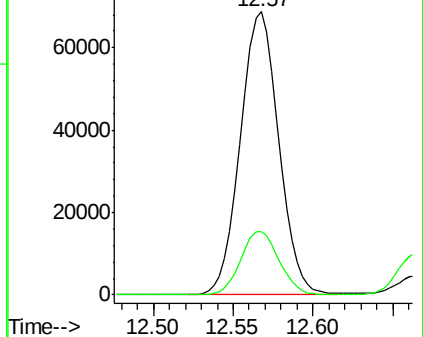
91 100

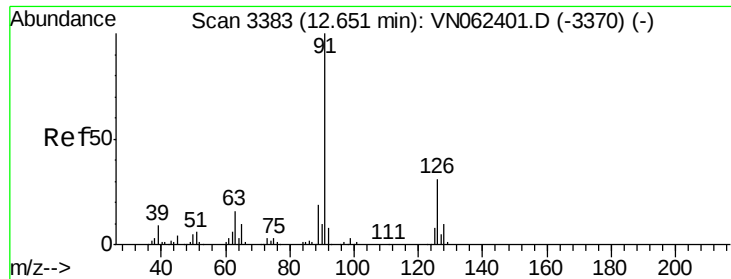
120 22.3 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.835 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. 0.01 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

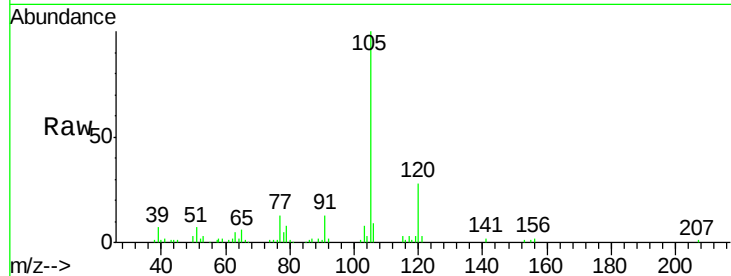
MW-3DL

Tgt Ion: 91 Resp: 6579

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#

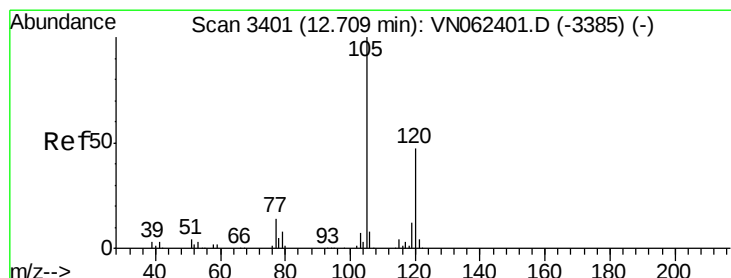
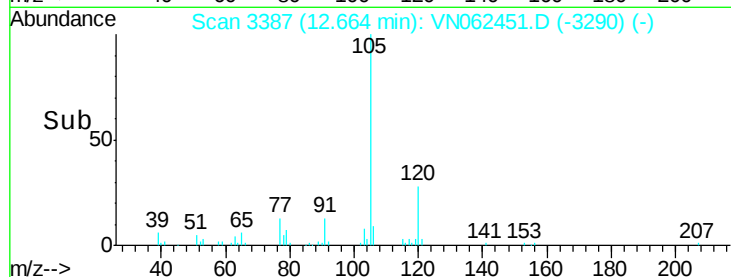


Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

12.66

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 6.354 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. -0.04 min

Lab File: VN062451.D

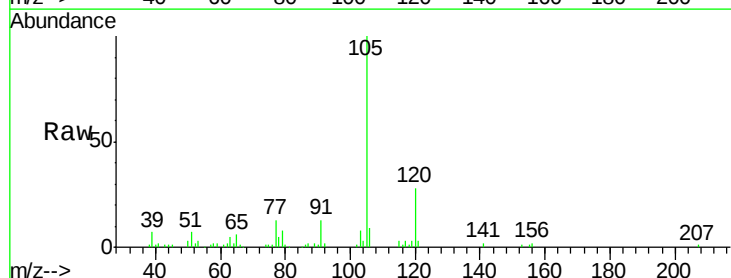
Acq: 9 Jul 2020 12:40

Tgt Ion: 105 Resp: 57924

Ion Ratio Lower Upper

105 100

120 27.4 23.4 70.2

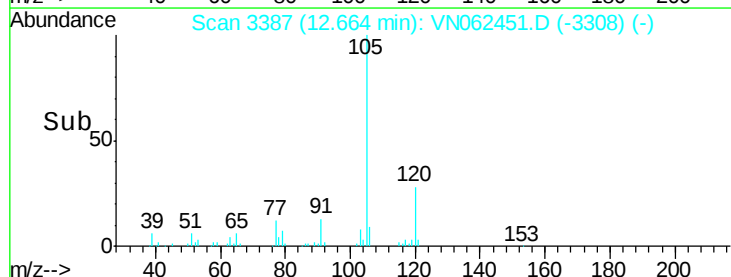


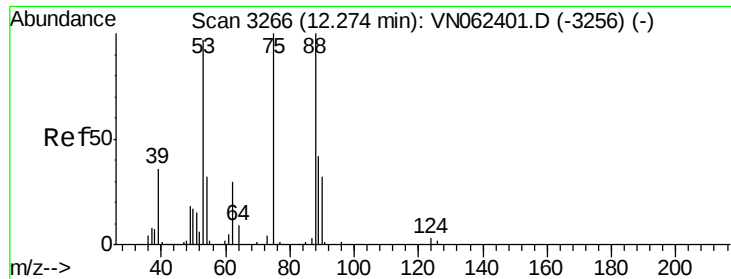
Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)

12.66

Time-->

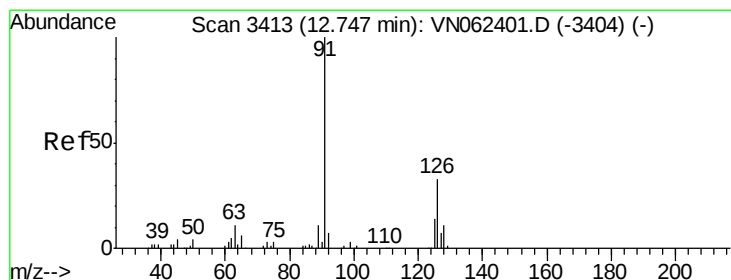
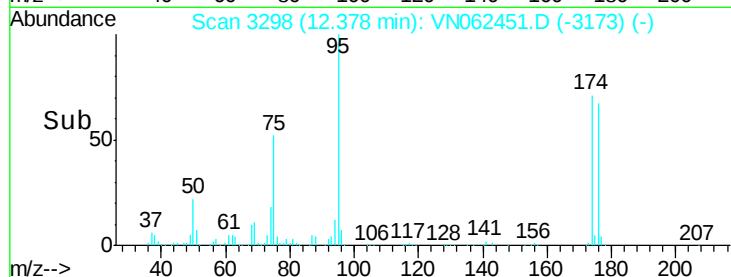
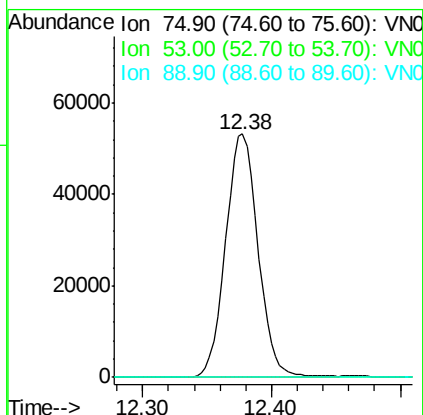
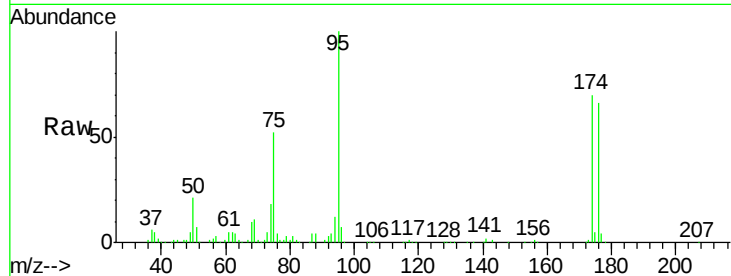




#81
trans-1,4-Dichloro-2-butene
Concen: 70.603 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

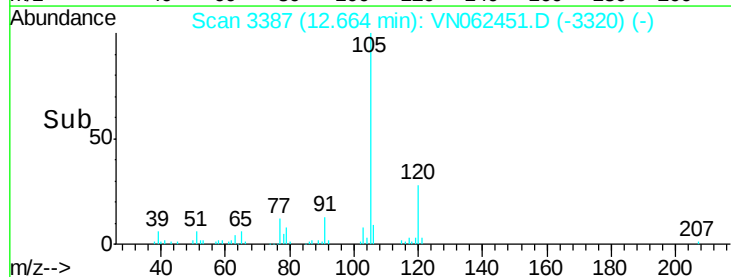
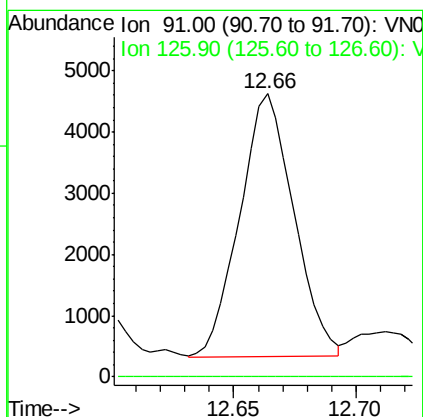
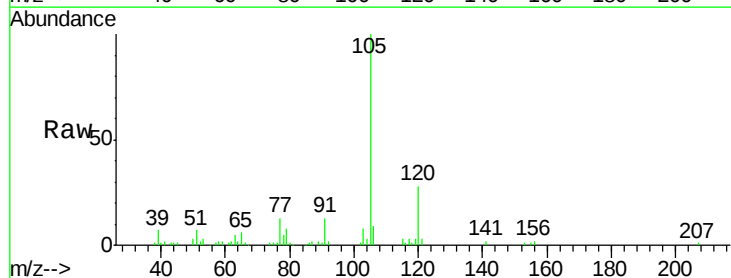
Instrument :
MSVOA_N
ClientSampled :
MW-3DL

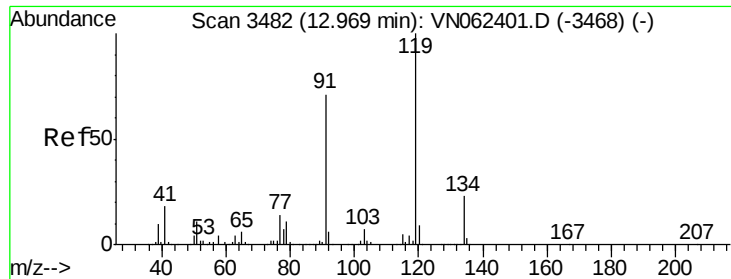
Tgt Ion: 75 Resp: 93009
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 0.822 ug/l
RT: 12.66 min Scan# 3387
Delta R.T. -0.08 min
Lab File: VN062451.D
Acq: 9 Jul 2020 12:40

Tgt Ion: 91 Resp: 6579
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.6#

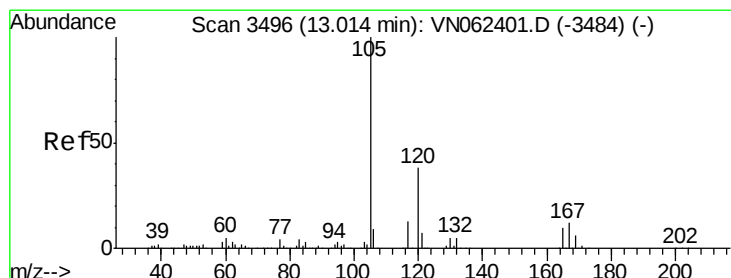
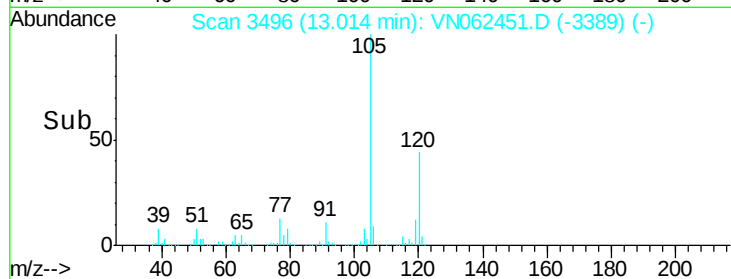
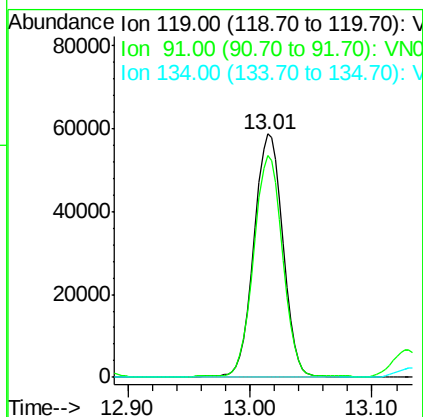
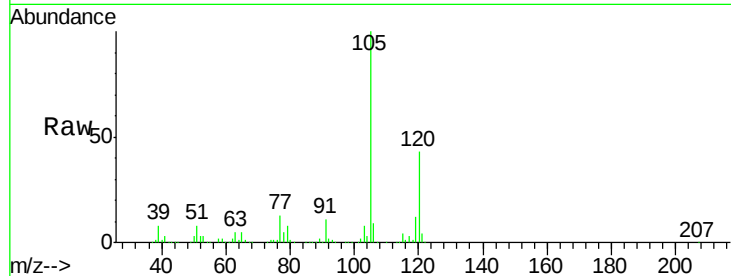




#83
 tert-Butylbenzene
 Concen: 12.428 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.05 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

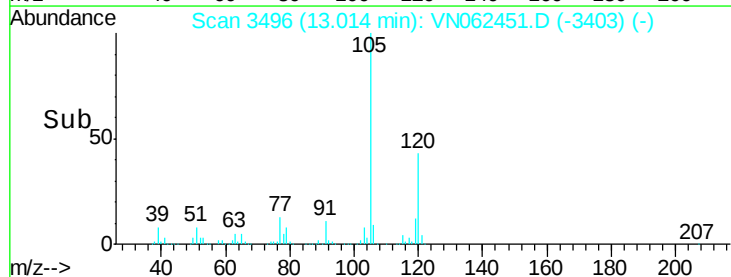
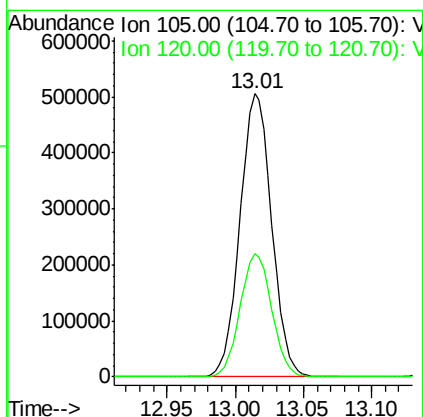
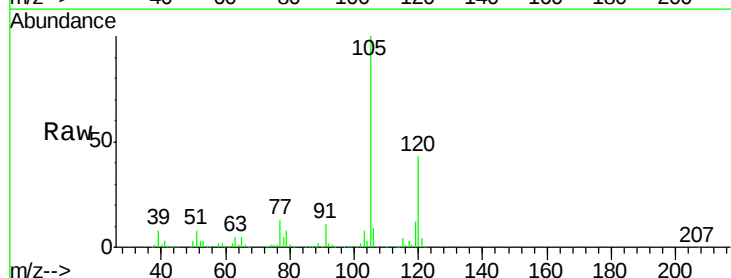
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

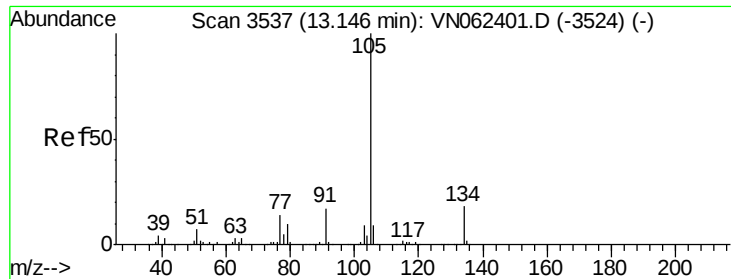
Tgt Ion:119 Resp: 96144
 Ion Ratio Lower Upper
 119 100
 91 91.6 34.8 104.3
 134 0.0 11.7 35.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 89.669 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

Tgt Ion:105 Resp: 812507
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.6 64.8

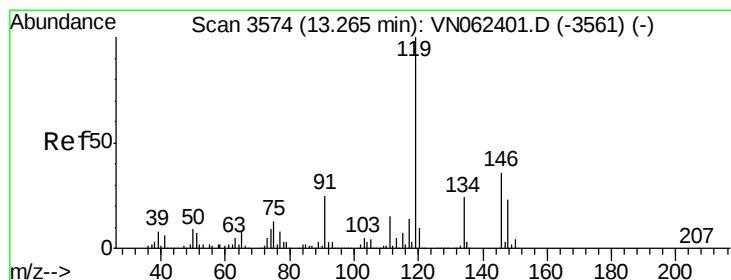
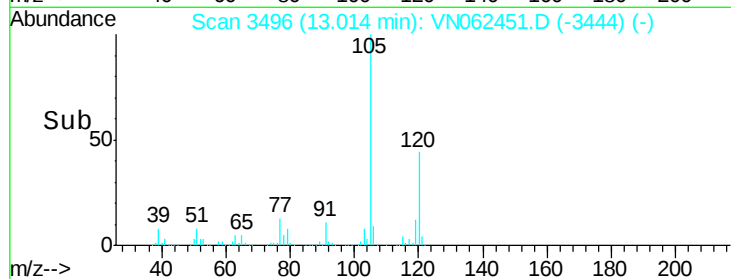
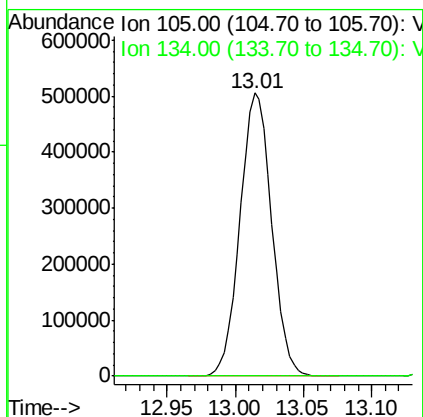
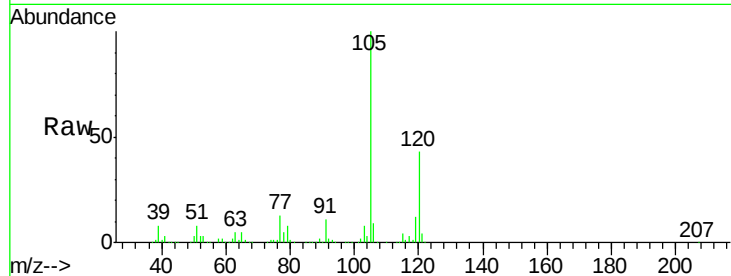




#85
 sec-Butylbenzene
 Concen: 79.260 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

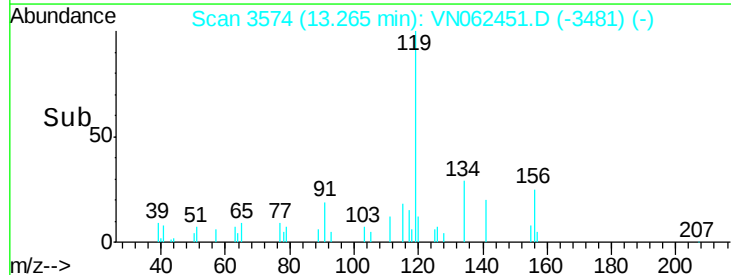
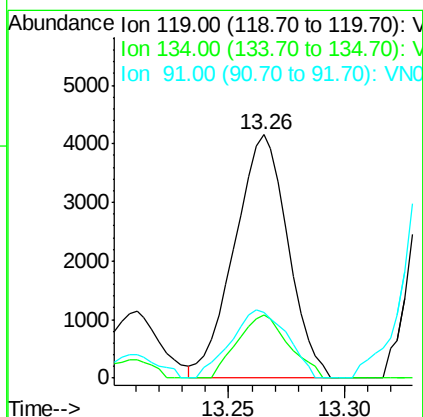
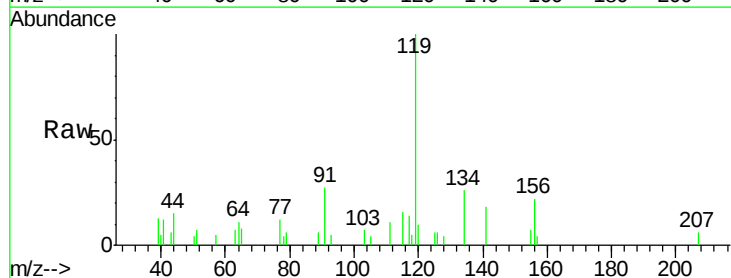
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3DL

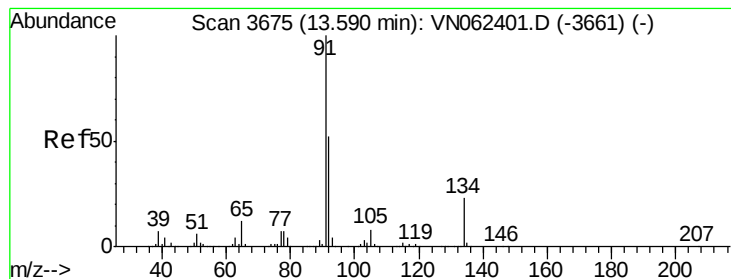
Tgt Ion:105 Resp: 812507
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 28.0#



#86
 p-Isopropyltoluene
 Concen: 0.751 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062451.D
 Acq: 9 Jul 2020 12:40

Tgt Ion:119 Resp: 6649
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.4 37.0
 91 0.0 12.4 37.4#





#89

n-Butylbenzene

Concen: 2.853 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

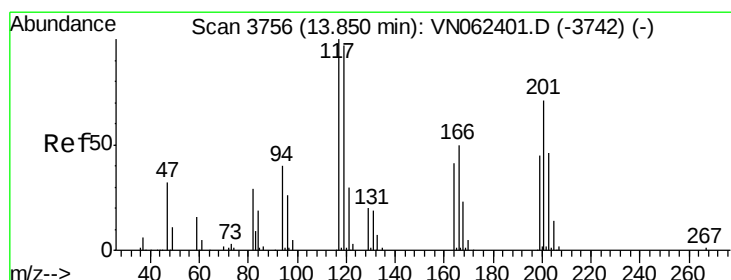
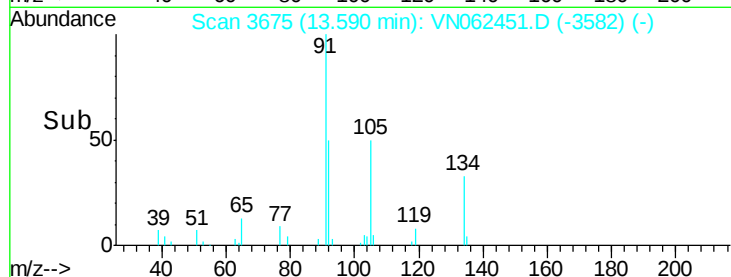
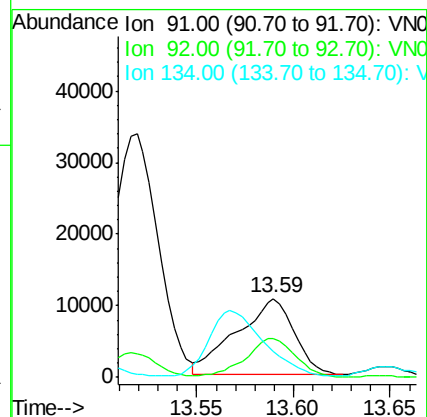
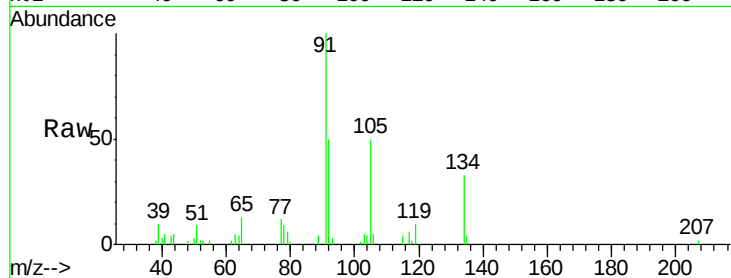
Tgt Ion: 91 Resp: 22290

Ion Ratio Lower Upper

91 100

92 44.1 25.9 77.7

134 0.0 11.6 34.8#



#90

Hexachloroethane

Concen: 4.006 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062451.D

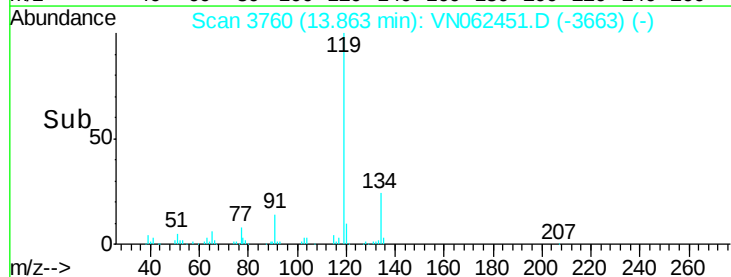
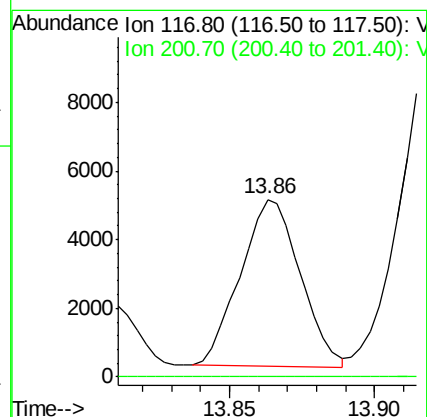
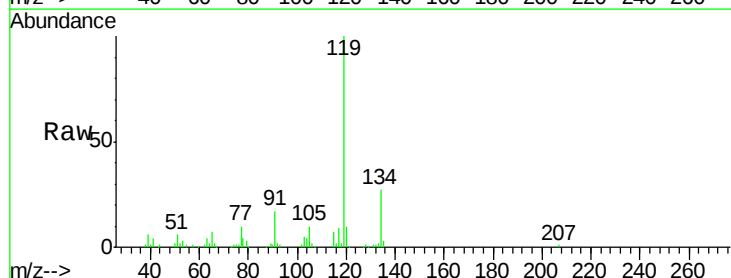
Acq: 9 Jul 2020 12:40

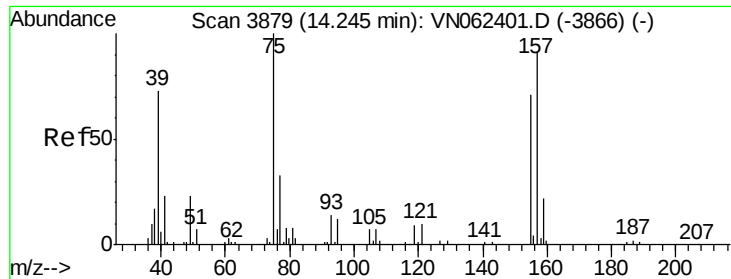
Tgt Ion: 117 Resp: 6972

Ion Ratio Lower Upper

117 100

201 0.0 35.4 106.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.162 ug/l

RT: 14.23 min Scan# 3873

Delta R.T. -0.02 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

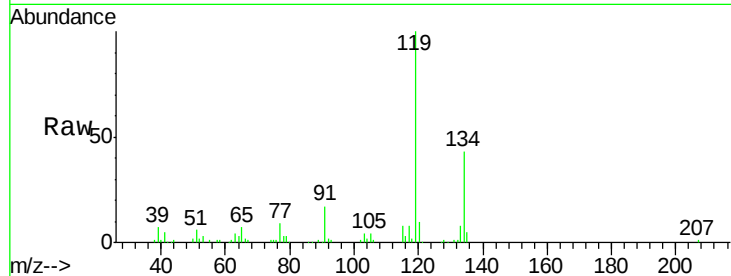
Tgt Ion: 75 Resp: 793

Ion Ratio Lower Upper

75 100

155 0.0 35.2 105.6#

157 0.0 45.8 137.3#

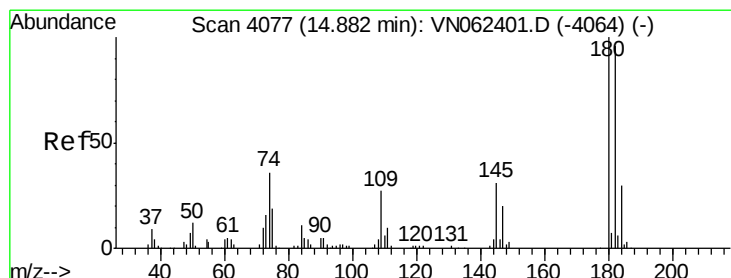
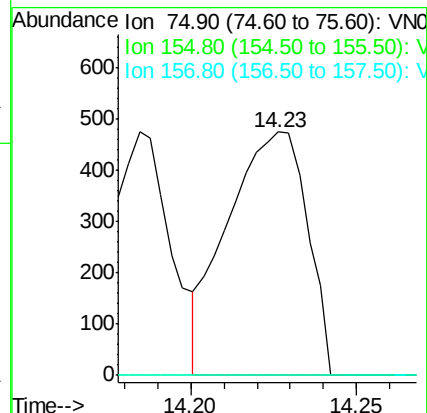
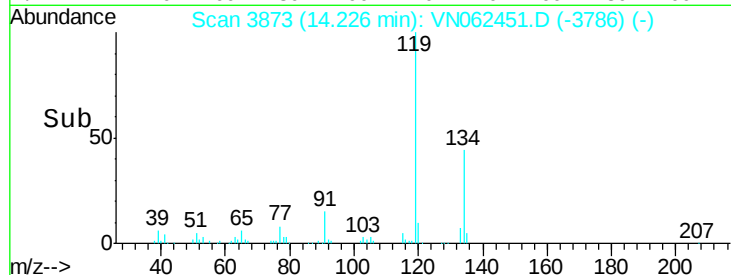


Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3866) (-)

Ion 154.80 (154.50 to 155.50): VN062401.D (-3866) (-)

Ion 156.80 (156.50 to 157.50): VN062401.D (-3866) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: Below Cal

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

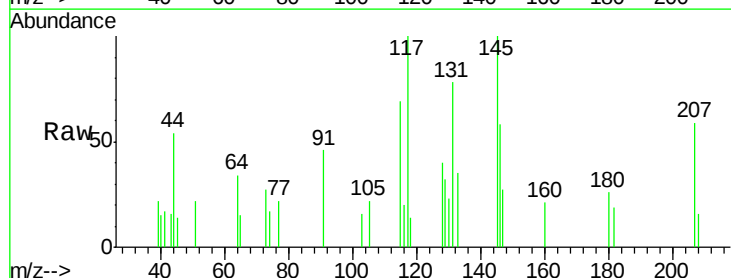
Tgt Ion: 180 Resp: 281

Ion Ratio Lower Upper

180 100

182 87.5 48.4 145.2

145 0.0 15.5 46.5#

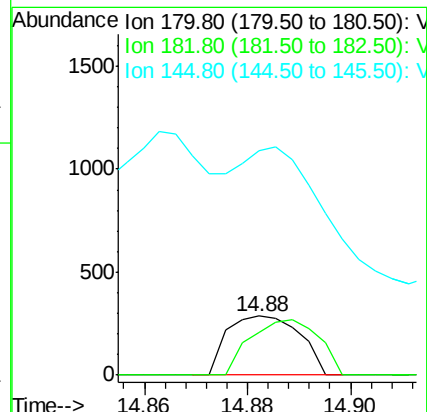
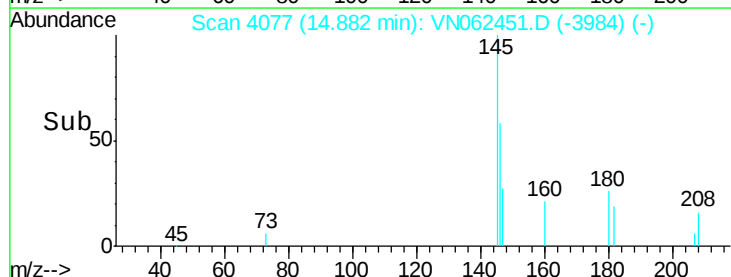


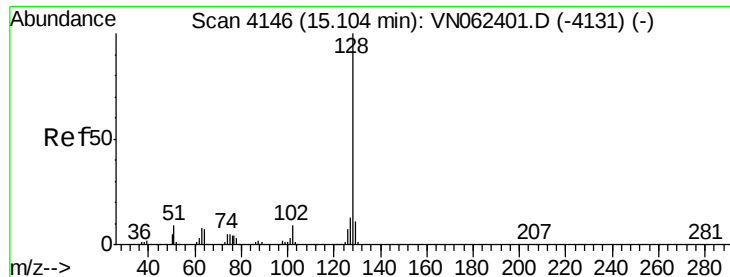
Abundance Ion 179.80 (179.50 to 180.50): VN062401.D (-4064) (-)

Ion 181.80 (181.50 to 182.50): VN062401.D (-4064) (-)

Ion 144.80 (144.50 to 145.50): VN062401.D (-4064) (-)

Time-->





#95

Naphthalene

Concen: 53.916 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

MW-3DL

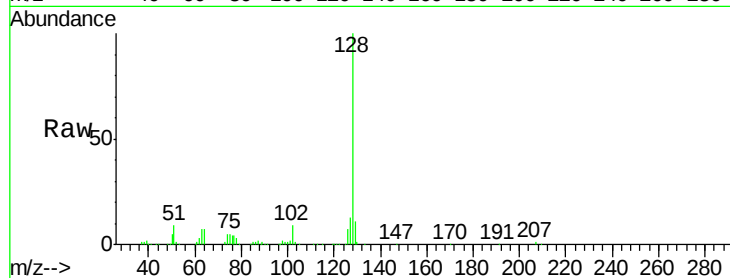
Tgt Ion:128 Resp: 298786

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

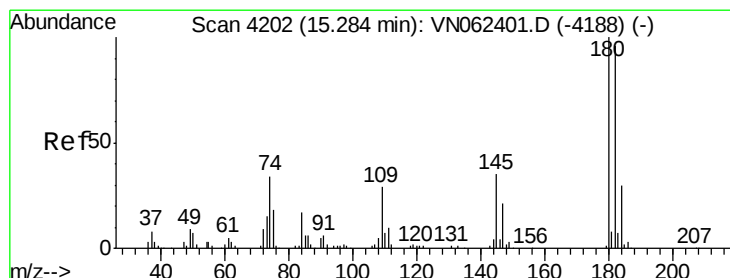
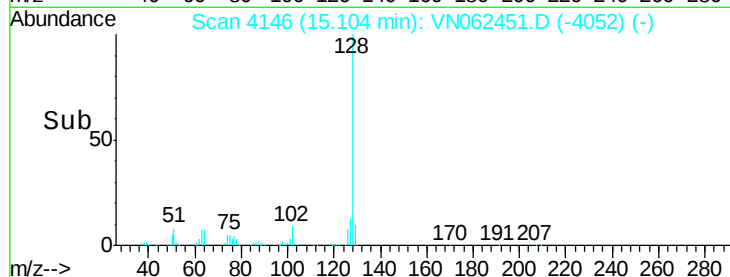
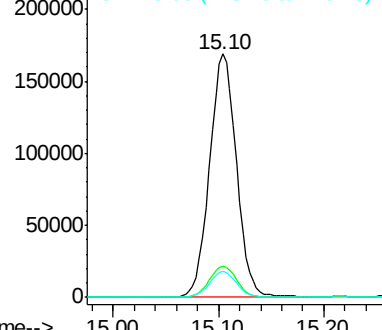
129 10.4 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 3.331 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN062451.D

Acq: 9 Jul 2020 12:40

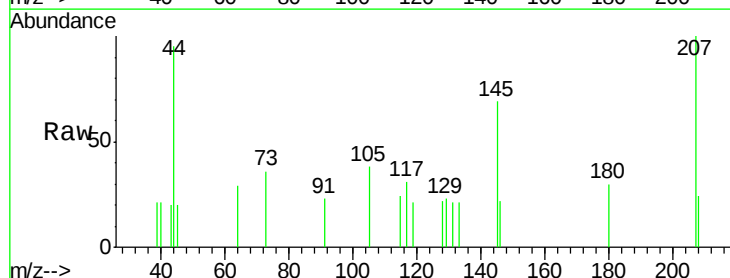
Tgt Ion:180 Resp: 270

Ion Ratio Lower Upper

180 100

182 43.3 47.8 143.4#

145 0.0 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

